University College Dublin
Ireland's Global University

REPORT OF THE
PRESIDENT

SEPTEMBER 2022 – AUGUST 2023

Report of the President

University College Dublin
National University of Ireland, Dublin

September 2022 – August 2023

For presentation to the Governing Authority of
University College Dublin, National University
of Ireland, Dublin at its meeting on
14 December 2023.

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OVERVIEW BY THE PRESIDENT

On 1 May 2023, I was deeply honoured to commence my appointment as President of this great university. I would like to thank Professor Mark Rogers for his many significant contributions to UCD, not only during his time as Acting President, but also in his previous roles throughout his 31 years at UCD, most notably as Deputy President and Registrar and in leadership roles in UCD Science.

THIS IS MY FIRST REPORT as President, covering the period from 1 September 2022 to 31 August 2023. Throughout the Report, we highlight the significant achievements of the University during the period.

We are a university steeped in excellence with ambitious goals for our future, and this is reflected in our teaching and learning, our research and innovation, and all aspect of our activities.

We continue to engage globally by growing our influence through our networks. We have just completed our first academic year as a member of Una Europa, our European University Alliance. Together with ten leading university partners we are working to build a university of the future, putting UCD at the leading edge of European higher education. In November, we hosted the General Conference of the International Association of Universities, welcoming over 300 university presidents, vice-presidents, and heads of international affairs from 84 countries.

Governance

Following the approval of Governing Authority, the following changes took place on the University Management Team: Professor Anthony Brabazon was reappointed as College Principal for Business for a further five-year term; Professor Tasman Crowe was appointed as our first Vice-President for Sustainability with effect from 1 June; and Professor Helen Roche, Director of UCD Conway Institute, was appointed as Vice-President for Research, Innovation and Impact on an interim basis. Eilis O'Brien, Director of Communication and Marketing retired from the University on 31 May.

Education

UCD remains the number one choice for Irish school leavers, with the largest number of first preferences in CAO applications for this group. We had a 12.4% share in CAO first preferences. Securing a place is where the UCD student journey begins and starting that journey successfully is key to flourishing in university. UCD has a long history of striving for equity of access to education, with 34.6% of our students coming through access routes. We are proud to offer an inclusive and progressive learning environment in which students can advance academically and flourish individually.

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Research

This year, UCD has continued to deliver impact through our research and innovation across the University's four strategic themes: creating a sustainable global society, transforming through digital technology, building a healthy world and empowering humanity.

This year has been our most successful ever for securing external research funding, which amounted to a total of €160.5 million. This was made up of 803 individual externally-funded research grants across all areas of the University, reflecting the diversity of our research strength. Our performance in European research funding continues to strengthen. UCD ranks a clear first nationally and 22nd among all higher education institutions in the EU for funding under Horizon Europe.

UCD is committed to playing a strategic role in Ireland's innovation and knowledge exchange ecosystem as an enabler of economic growth and talent development.

Finance

UCD is in relatively good financial health, though disadvantaged by the continuing underfunding of the Irish higher education sector. We welcome the Government's Funding the Future policy on the future of higher education from May 2022, which acknowledged a core funding gap in the sector of €307 million per annum and indicated their intention to address this shortfall via the annual budgetary process. In Budget 2023, the Government provided an additional €40 million core funding for the sector. The continued shortfall hampers our ability to ability to invest to the desired level in crucial areas, such as staff-student ratio improvement, overall student support services and infrastructure.

The benefits of supporting higher education through core funding, research funding and student supports link directly to national societal and economic progress and UCD will continue to advocate for additional funding and to seek parity with our counterparts in other EU countries.

Campus Development

UCD has expanded by 30% in student numbers over the last twelve years and is planning for continued growth. As a result, we have planned a €1 billion property development programme. Among the projects currently underway are:

- **The Centre for Future Learning,** a modern, technology-enabled building over 11,500 sqm in size across four levels that places active learning at its core, incorporating formal, informal, group and individual spaces that will enable students to acquire and practice a wide range of skills;
- **Science Phase 3,** this final phase of the upgrade of the UCD O'Brien Centre for Science includes the complete refurbishment of Science North and West, which were among the first buildings constructed in Belfield in the 1960s. Upon completion, this project will deliver 23,000sqm floorspace of world-class research and teaching facilities;
- **Sports and Student Amenity Masterplan,** we aim to further improve and grow sports and recreation facilities on the Belfield campus, to ensure the quality and choice of sports and non-sports-based amenities are of the highest international standard. The Masterplan for the sports precinct has been completed with planning approved for the overall scheme;
- **Newman and James Joyce Library Projects,** the complete refurbishment of the building, which houses Arts, Humanities, Social Sciences and the James Joyce Library is currently underway.

Artist's Impression of the Centre for Future Learning.

Artist's Impression of the UCD Sports and Student Amenity Masterplan.

These are some of the oldest buildings at Belfield, completed in 1970 and 1973 respectively. In addition to their core role of supporting teaching and learning, these buildings are also home to cultural collections of national importance, including the National Folklore Collection, UCD Archives and UCD Special Collections, collectively part of the UCD Cultural Heritage Collection;

- **UCD Residence Masterplan,** in 2021 Phase 1 of the UCD Residence Masterplan comprising of 924 beds and the UCD Village amenity building was successfully completed. The University holds planning consent for Phase 2 which includes a further 1,250 beds on the site adjacent to Phase 1 but has been unable to commence due to the affordability of the project;

- **Lyons Farm,** the initial phase of the Lyons Farm masterplan will provide for a two-storey facility of circa 1,000m^2 known as the AgTech Innovation Centre which is due for completion in October 2023. This new facility will provide accommodation for innovation facilities to support the vibrant Agri-tech sector and accommodation for a Herd Health team.

Global Engagement

Global activities in 2022/23 concentrated on further realising UCD's Global vision 'to bring the best of the world to Ireland and the best of Ireland including its distinct cultures to the world'. Focusing on our two strategic objectives, a Global Experience for All and enhancing our Global Impact, we realised significant progress. 2023 saw important advancements in the enablers underpinning our Global Engagement strategy with a notable achievement being the launch of UCD's strategy for Africa.

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Equality, Diversity and Inclusion

A wide range of activities took place in 2022/23 to raise awareness, promote the mainstreaming of EDI across the University and deliver on the University's commitments under the EDI Strategy 2021-2024. Participation and engagement from all members of the UCD community is essential in our journey towards enhancing an inclusive and respectful culture.

We have started our preparations for the development of the Athena SWAN Silver application at institutional level. Four additional Schools and one College were conferred with Athena Swan awards during the year. Of these, three bronze awards were renewed and one first-time bronze award was achieved. The UCD School of Agriculture and Food Science achieved the University's first silver level award. Eighteen Schools and two Colleges now hold Athena Swan awards.

Sustainability

UCD recognises the gravity and urgency of the climate and biodiversity emergencies and the need for transformative change to address them while ensuring a just transition and a more equitable society. We are committed to being a thought and action leader in sustainability and to maximising our contribution to the achievement of the UN Sustainable Development Goals through a strategic focus on Creating a Sustainable Global Society. In view of this, Professor Tasman Crowe was appointed the new role of Vice-President for Sustainability in June. He is establishing a UMT Sustainability sub-group and a Sustainability Unit with dedicated staff to help make the most of UCD's size and the fantastic diversity, ideas and energy of faculty, staff, students and the wider community to contribute to a more sustainable future.

UCD has always excelled in this area, with great strength in energy, agri-environmental systems, the bioeconomy and humanitarian action, for example, and also through its educational offerings, which include innovative programmes at undergraduate and graduate level, bringing together perspectives from across the range of disciplines. To guide our next steps, a far-reaching sustainability strategy for the University is under development. New initiatives will be established through participatory approaches to integrate research and innovation, education and operations to establish the campus as a living lab for sustainability and to ensure our researchers and graduates have the knowledge, will and capacity to enact change. Our aim is to underpin innovation and action in industry, policy and wider society to move us towards a more respectful relationship with nature and a more just and fair global society.

> UCD recognises the gravity and urgency of the climate and biodiversity emergencies and the need for transformative change to address them while ensuring a just transition and a more equitable society

Transformation

The Programme for Operations and Services Transformation (POST) is an ambitious project to improve the services and processes we provide to our faculty, staff and students as they take part in, and enable, UCD's education, research and campus life. Four service streams, which will shape the supports and services we provide to education, research and University operations, were formed: Teaching, Researching, University Living and Enabling Services. Two key projects will drive finance transformation through FinPOST and transformation of student recruitment and marketing through the CRM project, as well as oversight of an initial further fifteen community driven projects spread across the service streams.

In Conclusion

As I begin my term as President of University College Dublin, I feel deeply honoured and very excited about the task ahead. I am looking forward to leading UCD into the next phase of our development as

Pictured at the launch of UCD's Africa Engagement Strategy (l-r): Prof Orla Feely; Dr Samuel Ogwu, UCD alumnus and VP for Community Engagement at the African Scholars Association of Ireland; Alan Gibbons, UCD alumnus and Director of DFA's Africa Unit; and Prof Dolores O'Riordan, UCD Vice-President for Global Engagement.

a university that is connected, engaged and making a clear positive difference to the lives of our students and to the wider world.

Over the coming decade, Ireland and the world will change in extraordinary ways. I want UCD to be out there playing our part in meeting the challenges of the time, preparing our students for fulfilling lives and careers, and growing our impact, profile and global reputation.

We will prepare our students for a complex and changing world through a creative and distinctive approach to teaching and learning. We will grow our achievements in research and innovation and will be valued and trusted partners. Our voice will be strong and influential in support of the value and the values of higher education, research and scholarship. Our campus and university facilities will support our activities and our engagement in new and exciting ways and will reflect our commitment to sustainability. Through all this, we will build pride and a strong sense of community among our faculty, staff, students and alumni.

I look forward to engaging with the wider university community, working together to achieve our ambitious vision for UCD.

Le gach dea ghuí

Professor Orla Feely
President

University College Dublin Governing Authority Membership

Marie O'Connor (Chair)	Pat Guiry
Clíona de Bhaldraithe Marsh	Emer Higgins
Noeline Blackwell	Regina Joye
Geraldine Butler	Helen Kenny
Charles Coase (Chair of Finance, Remuneration and Asset Management Committee)	Dermot Lacey
	Wolfgang Marx
	Marc Matouc
Mark Coen	Sarah McGrath
Pádraig Conneely	Liam McLoughlin
Christy Curtin	Eoghan Murphy
Pat Daly	Jill Nelis
Dympna Devine	Martha Ní Riada
Barbara Dooley	Clare Nolan
John Dunnion	Mary O'Dea
Alex Evans	Hugo O'Donnell
John Paul Feeley	Rosaleen O'Grady
Orla Feely	Julie O'Neill
Kelly Fitzgerald	Ita Reynolds-Flynn
Isabel Foley (Chair of Audit and Risk Management Committee)	Daithí de Róiste (Lord Mayor)
	Anne-Marie Taylor
Michael Gilchrist	Emma Teeling
Sinéad Guckian	

At 31 August 2023


Pictured at an agri-food industry event hosted by UCD Foundation in partnership with the British Embassy are (l-r): Prof Frank Monahan, Prof Karina Pierce, Prof Orla Feely, Martin Heydon TD, Minister of State at Dept of Agriculture, Food and the Marine, Hugh Martineau, Technical Director of UK-based Sustainability, Map of Ag, and Padraig Hennessy, CEO, TERRA NutriTECH; Chair of Agtech Ireland.

UCD BY NUMBERS

Student Statistics Ireland Campuses

	2018/19	2019/20	2020/21	2021/22	2022/23
Total	29,301	29,560	30,713	33,178	33,675
Undergraduate	16,998	17,119	17,749	18,397	18,745
Graduate Taught	7,463	7,633	9,138	9,041	8,994
Occasional UG	1,611	1,666	1,841	1,853	2,003
PhD	2,658	2,529	927	2,156	2,372
Occasional GT	403	446	871	1,579	1,435
Masters Research	168	167	187	152	126
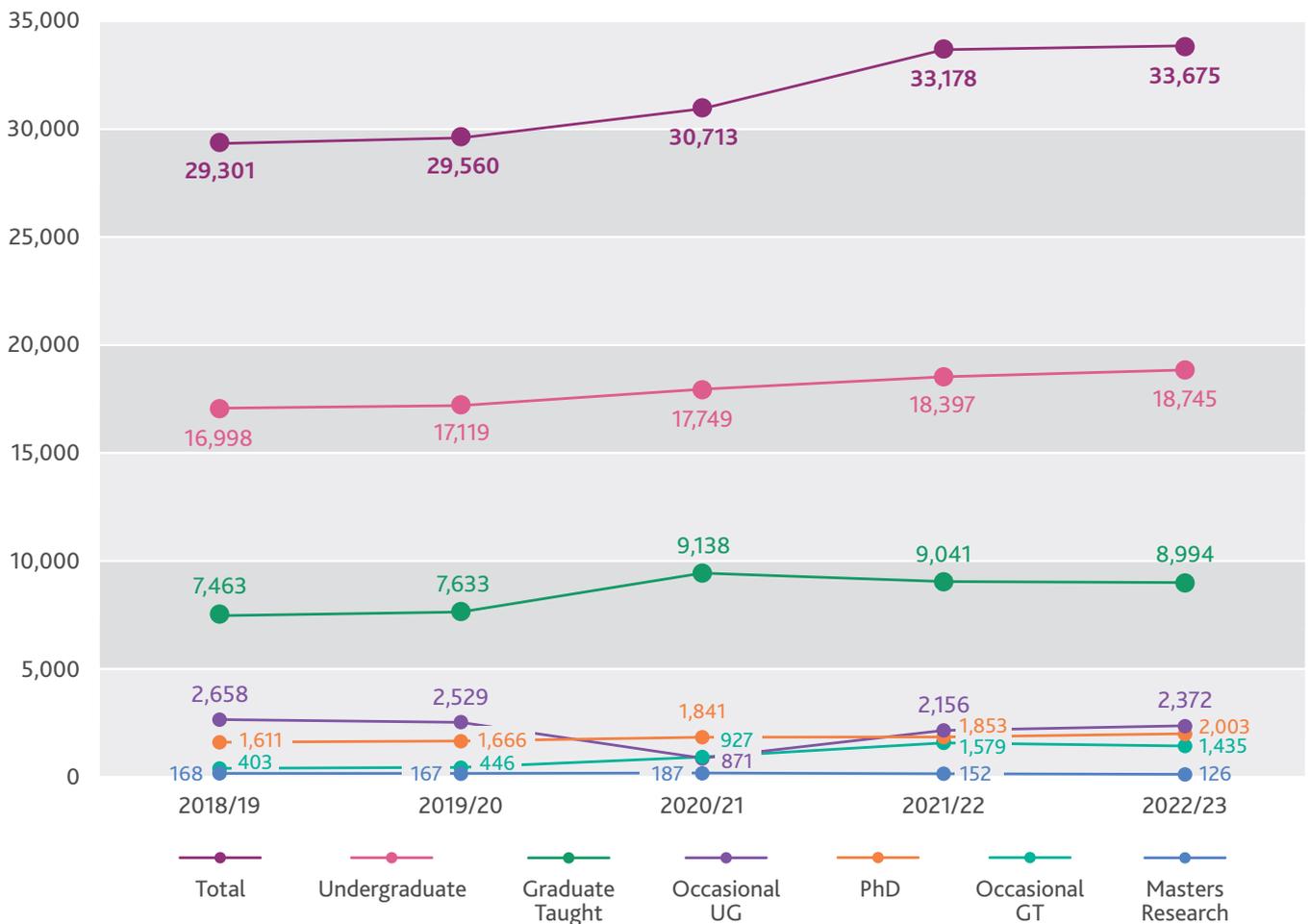
Student Statistics Overseas Operations

Year	Value
2018/19	3,984
2019/20	3,761
2020/21	4,573
2021/22	5,193
2022/23	5,239

2018/19
Singapore: 2,030
Sri Lanka: 486
Hong Kong: 179
China: 1,289

2019/20
Singapore: 1,765
Sri Lanka: 379
Hong Kong: 80
China: 1,537

2020/21
Singapore: 1,870
Sri Lanka: 436
Hong Kong: 123
China: 2,144

2021/22
Singapore: 2,189
Sri Lanka: 233
Hong Kong: 168
China: 2,603

2022/23
Singapore: 2,035
Sri Lanka: 167
Hong Kong: 86
China: 2,951

Students in Ireland

Year	Irish	International	Not stated	Total
2018/19	20,865	8,428	8	29,301
2019/20	20,864	8,574	122	29,560
2020/21	23,363	7,239	111	30,713
2021/22	23,478	9,593	107	33,178
2022/23	23,131	10,460	84	33,675

■ Irish   ■ International

Undergraduate/Graduate Breakdown

Students 2022/23

37%
Graduate: 12,558

63%
Undergraduate: 21,117
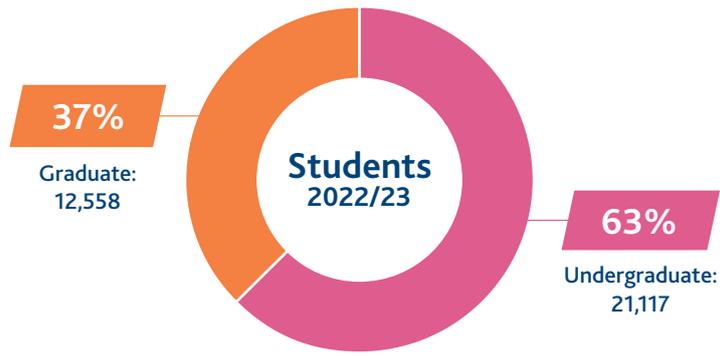
Female/male Breakdown

Students 2022/23

59%
Female: 19,703

41%
Male: 13,743

■ Not stated: 123
■ Gender non-binary: 106

Staff 2022/23

55%
Female: 2,220

44%
Male: 1,799

■ Not stated: 43
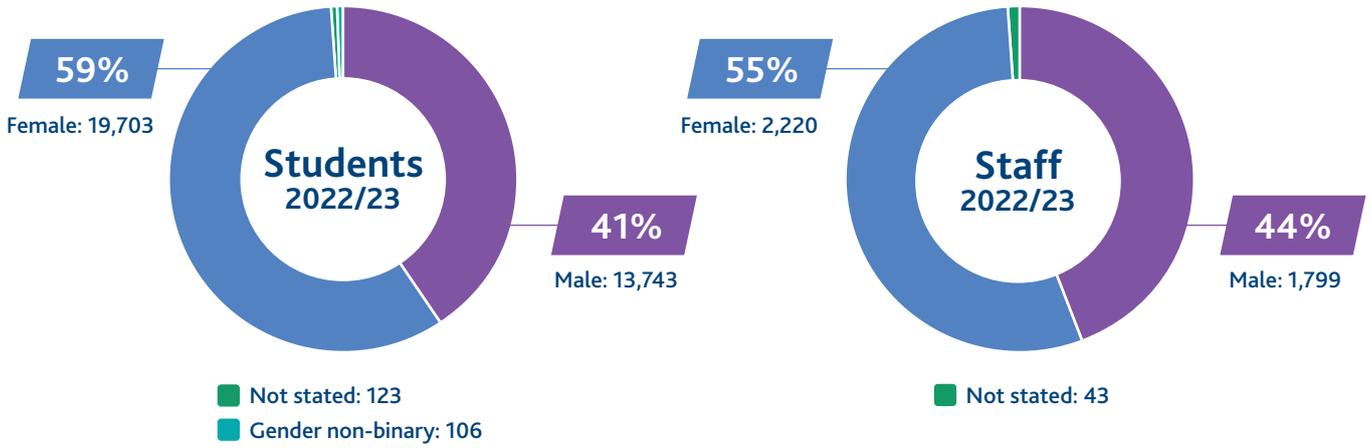
Staff Statistics in Ireland

Year	Irish	International	Not stated	Total
2019	2,485	1,086	53	3,623
2020	2,513	1,219	49	3,781
2021	2,569	1,286	45	3,900
2022	2,578	1,299	40	3,918
2023	2,590	1,424	48	4,062

■ Irish ■ International ■ Not stated

International Students by Region 2022/23

2,322 North America
2,748 EU
248 Europe
359 Great Britain
207 Northern Ireland
3,827 Asia
480 Africa
135 South America
134 Oceania

143 countries represented
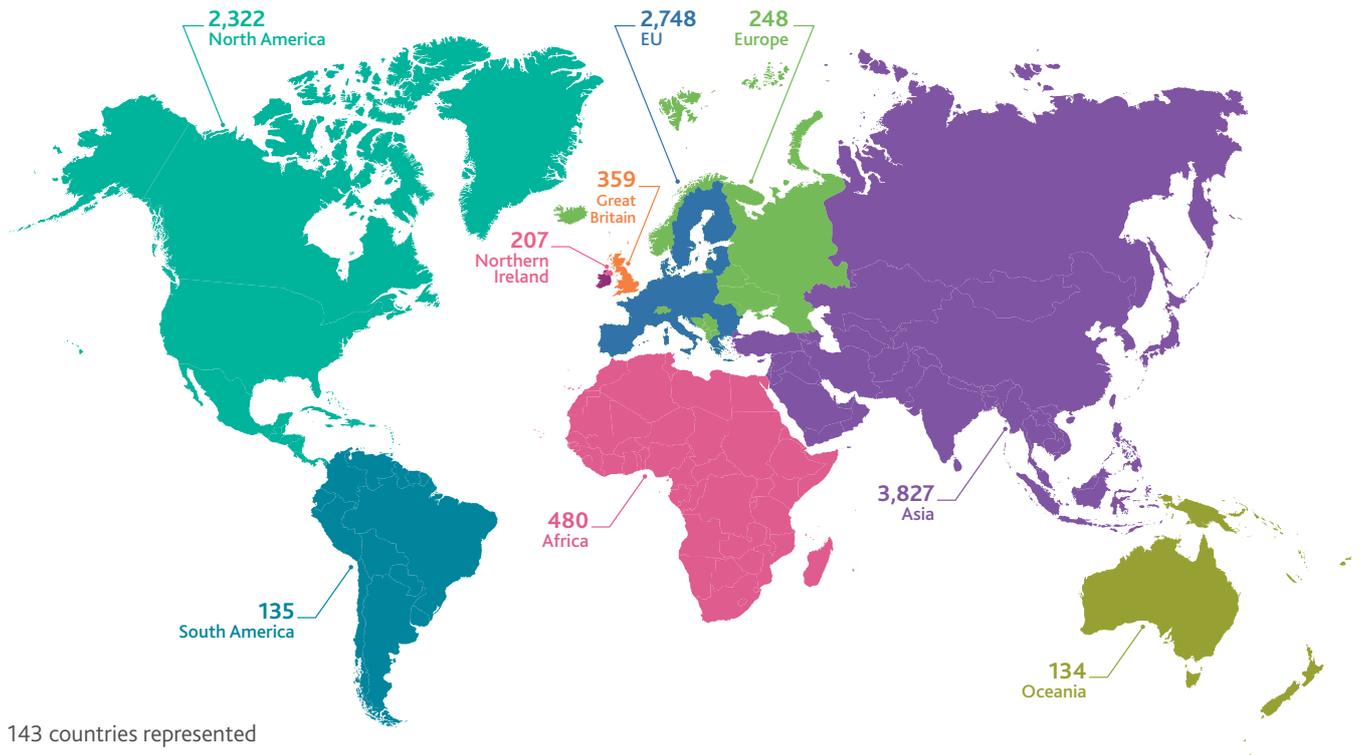
Undergraduate and Graduate Numbers by Discipline Ireland 2022/23

	Undergraduate	Graduate	Total
Generic programmes and qualifications	255		255
Education	18	2,038	2,056
Arts and humanities	3,586	454	4,040
Social sciences, journalism and information	2,189	1,180	3,369
Business, administration and law	3,789	2,730	6,519
Natural sciences, mathematics and statistics	2,615	1,027	3,642
Information and Communication Technologies (ICTs)	686	919	1,605
Engineering, manufacturing and construction	1,904	1,157	3,061
Agriculture, forestry, fisheries and veterinary	1,867	693	2,560
Health and welfare	4,092	2,339	6,431
Services*	116	21	137
Grand Total	**21,117**	**12,558**	**33,675**

Figures are classified under the International Standard Classification of Education (ISCED) as used by the Higher Education Authority (HEA) and more widely to facilitate comparison of education statistics across countries on the basis of uniform and internationally agreed definition.

* Services include programmes such as Safety and Health at Work.

Top 20 Countries UCD Alumni*

226,536
(1) Republic of Ireland

15,727
(2) United States

15,102
(3) Singapore

11,376
(4) United Kingdom
(England, Scotland, Wales,
Northern Ireland)

6,879
(5) Sri Lanka

6,111
(6) China

3,400
(7) Hong Kong

3,290
(8) Germany

3,270
(9) France

3,009
(10) India

2,349
(11) Australia

2,258
(12) Canada

2,254
(13) Spain

1,496
(14) Italy

1,059
(15) Malaysia

993
(16) Netherlands

965
(17) Belgium

752
(18) Switzerland

469
(19) United Arab Emirates

443
(20) Austria

* Alumni for whom we hold contact details

CAO 1st Preferences

TOP THREE

Year	2019	2020	2021	2022	2023
Top Three	23,101	22,846	26,329	24,911	24,829
1st Preference	8,475	9,072	10,264	9,605	9,568

EDUCATION AND STUDENT EXPERIENCE

Introduction by the Acting UCD Registrar and Deputy President

As we reflect on our achievements this year, I am reminded of my deeply held pride in UCD as an institution and in the education we provide. UCD is a supportive community where every student is enabled to achieve their full potential.

UCD REMAINS THE NUMBER ONE CHOICE for Irish school leavers, with the largest number of first preferences in CAO applications for this group. We had a 12.4% share in CAO first preferences. Securing a place is where the UCD student journey begins. Starting that journey successfully is key to flourishing in university. UCD has a long-established and highly regarded orientation programme for incoming students. The delay in the publication of Leaving Certificate results and the resulting disruption to planned events led to the development of creative solutions to ensure that new undergraduates were welcomed to the UCD community in support of a successful transition to university. Furthermore, UCD has a long history of striving for equity of access to education, with 34.6% of our students coming through access routes. We are proud to offer an inclusive and progressive learning environment in which students can advance academically and flourish individually.

In November we welcomed back our fully in-person Open Day. I had the pleasure of being on campus to witness the buzz of prospective students and their families interact with faculty, staff and student ambassadors, while also experiencing our great campus facilities. There was great interest in being photographed with UCD's swan mascot, JJ, named after our famous alumnus James Joyce.

The redevelopment of Level 3 of the James Joyce Library was completed at the end of August, ready for the academic year 2023/24. The new design involved consultation with students, faculty, Library staff and the wider UCD community. This led to a visionary space with zones of semi-quiet space for collaborative learning, quiet space with both seated and standing desks and fully quiet space. Furthermore, two enclosed spaces for neurodiverse students were included in the design, a first in Ireland in a student library, recognising that neurodiverse students can be overwhelmed by noise and light and creating an inclusive environment enhances student success.

The new athletics track stands as a testament to the University's commitment to fostering athletic excellence, inclusivity, and community engagement. UCD Acting Registrar and Deputy President, Professor Mark Rogers expressed profound gratitude to the donor, emphasising the transformative impact of the gift on the University and broader communities. The facility is poised to be a pivotal training and development ground for UCD students, eliminating previous constraints and enhancing the overall training experience, as echoed by students and athletes during its unveiling.

In this chapter you will discover further great examples of innovation, creativity, community, and projects and initiatives that are delivering impact on the quality of education and the student experience. As we move into the conclusion of our Education and Student Success Strategy 2020-2024, I am confident that we will look back and recognise what has been achieved across the four pillars of our work: a student-centred experience; student engagement, diversity and wellbeing; education that connects, inspires and transforms; and technology enhanced learning.

Thanks to my colleagues in UCD Access and Lifelong Learning, Careers Network, Graduate Studies, IT Services, Library, Office of the Registrar, Quality Assurance, Registry, Student Advisers, Student Engagement, Conduct, Complaints and Appeals, Student Services, Teaching and Learning and the University Secretariat for their dedication and commitment to making this university a great place to study and thrive. Finally, my gratitude to the Deans of Undergraduate Studies, Graduate Studies, and Students with whom I have had the pleasure of working in the past year.

Barbara Dooley

Professor Barbara Dooley
Acting Registrar and Deputy President

A Student-Centred Educational Experience

Recognising Excellence in Teaching

The UCD Teaching and Learning Awards, the highest honour bestowed by the University for teaching and learning, were presented at a celebratory ceremony on 7 March. Over 3,000 nominations were received from students, testament to the inspiration, empathy and encouragement they received from the awardees, whose commitment to their students' development and well-being was matched by their outstanding teaching skills and their passion for their subject areas. In particular, the students valued the innovative teaching, clear communication, and dedicated mentorship of the awardees. The awardees were:

Teaching Excellence Award

- Dr Rachel Farrell, UCD School of Education
- Associate Professor Jonathan McNulty, UCD School of Medicine
- Dr Stefan Müller, UCD School of Politics and International Relations
- Ms Orla Murphy, UCD School of Architecture, Planning and Environmental Policy
- Dr Gráinne O'Donoghue, UCD School of Public Health, Physiotherapy and Sports Science
- Associate Professor Emma O'Neill, UCD School of Veterinary Medicine
- Associate Professor Aideen Quilty, UCD School of Social Policy, Social Work and Social Justice
- Professor Louise Rainford, UCD School of Medicine
- Dr Seán Paul Teeling, UCD School of Nursing, Midwifery and Health Systems
- Dr Ernesto Vasquez Del Aguila, UCD School of Social Policy, Social Work and Social Justice

Awards for Exceptional Contribution to Learning

- Mr Hans Eckhardt, UCD School of Chemistry
- Ms Evelyn Flanagan, UCD Library

Strategic Alignment of Teaching and Learning Enhancement Fund

In Autumn 2022 UCD was awarded funding from the HEA and the National Forum for the Enhancement of Teaching and Learning under the Strategic Alignment of Teaching and Learning Enhancement Fund (SATLE). The purpose of the fund is to drive teaching and learning innovation and enhancement across the higher education sector on specific themes. Following a call for proposals a total of €677,785 was allocated to 22 successful UCD projects, including seven cross-college projects. A student-centred approach was a key requirement for the project proposals, and the project teams brought together UCD faculty, staff and students. Areas covered by the 22 SATLE-funded projects include generative artificial intelligence (AI), academic integrity, online learning and assessment, and sustainability and climate change.

Online Assessment, Academic Integrity and Ethical Practice

A Working Group was established in Autumn 2022 to oversee an ambitious programme of work, starting with a university-wide consultation to explore current online assessment practices in UCD and a review of the literature on both the pedagogy and operation of online assessment. This work was completed in summer 2023 and presented in two complementary reports: 'Online Assessment in UCD' and 'Online Assessment Literature Review'. The findings will inform the next phase of work which includes the piloting of 'Bring Your Own Device' (BYOD) On-Campus Online Exams.

Academic integrity and ethical practice is a fundamental element of assessment and resonates with the aims and objectives of the UCD Strategy and the national and international trends in the higher

The UCD 2021-22 University Teaching and Learning Awardees (l-r): Dr Gráinne O'Donoghue, UCD School of Public Health Physiotherapy and Sports Science; Dr Seán Paul Teeling, UCD School of Nursing, Midwifery and Health Systems; Dr Rachel Farrell, UCD School of Education; Mr Hans Eckhardt, UCD School of Chemistry; Dr Ernesto Vasquez Del Aguila, UCD School of Social Policy, Social Work and Social Justice; Assoc Prof Aideen Quilty, UCD School of Social Policy, Social Work and Social Justice; Prof Barbara Dooley, Acting Registrar and Deputy President; Prof Marie Clarke, Dean of Undergraduate Studies; Prof Louise Rainford, School of Medicine; Evelyn Flanagan, UCD Library; Orla Murphy, UCD School of Architecture, Planning and Environmental Policy; Assoc Prof Emma O'Neill, UCD School of Veterinary Medicine; Assoc Prof Jonathan McNulty, UCD School of Medicine; and Dr Stefan Müller, UCD School of Politics and International Relations.

education landscape. A dedicated Working Group on this theme was established in September, to steer the development of a long-term approach to ensure that the highest standards of academic integrity and ethical practice are adhered to in all assessment contexts, both in-person and online.

Academic Advising

The UCD Strategy for Education and Student Success makes a commitment to ensuring that our students are appropriately supported as individuals in their learning through the development of academic advising. Phase Two of the Academic Advising Initiative commenced in November and focused primarily on the development of systems, processes and resources to support the rollout of academic advising for all UCD students. This phase builds on the definition, objectives and principles of academic advising agreed for UCD, and draws on the results from the disciplinary pilot projects in phase one.

Upskilling and Flexible learning

This year UCD secured funding for 479 subsidised learner places through HEA Springboard and Pillar 1 of the Human Capital Initiative. Responding to skills needs in the economy we continued to broaden the portfolio of programmes on offer which now includes Environmental Sustainability, Advanced Manufacturing, Digital Transformation, Technology and Resilience, Carbon Accounting, Health Informatics and Computer Science.

Over the last year, we formally launched and expanded our range of micro-credential courses, now encompassing diverse topic areas such as Energy Systems, Agriculture and Food, Medicine and Health, Financial Services, Data Science, Law and Philosophy with many more to come. Moreover, the introduction of the microcreds.ie discovery platform has simplified the process for prospective learners looking to access or re-enter tertiary education. The feedback from our learners has been overwhelmingly positive, with many commending the flexibility and innovative design and delivery of our courses.

UCD Student Partnership Agreement and Forum

As part of the UCD Student Representation and Partnership Agreement, the Student Forum was launched this year. The forum provides a framework to advance, support and operationalise the student partnership principles outlined in the agreement. To ensure a broad range of student perspectives, membership of the forum includes SU representatives and student leaders drawn from those undertaking a variety of roles, such as club and society leaders, peer mentors and student ambassadors. Over the course of their meetings, two university-level working groups were established to consider the cost of living for students and student communications. The forum also played an important role in shaping the approach to engaging the wider student body as part of the ongoing Student Mental Health and Wellbeing review.

Student and Academic Administrative Services

Our digital-led student recruitment strategy continued to form a central position in our recruitment programme. UCD Student Recruitment produced 116 course videos to develop and define course narratives. These 3-minute videos include both the student and academic voice and are now a central piece on the MyUCD website and have accumulated over 30,000 views on the MyUCD YouTube Channel. The MyUCD Social media channels have been further developed with strategic content for each channel being curated and customised. With a reach of 1.5 million audience, they form a critical part of our strategic plan. Ensuring that we stay connected and within reach, our Unibuddy peer to peer chat platform has allowed 19,138 unique visitors and 2,591 conversations and the Virtual Tour has seen 13,203 visitors to date.

This year UCD Registry developed a new platform to support degree audit. This is the process whereby School and College Offices ensure that students have completed all of the requirements of their degrees prior to award. Through this consultation process, the team also identified a number of enhancements that could be implemented without technical support, which would make the process more

Pictured at the launch of UCD Micro-credentials (l-r) Prof Jason Last, Dean of Students; Sorcha Mulcahy, UCD Micro-credentials; Simon Harris TD, Minister for Further and Higher Education, Research, Innovation and Science; Sophie Bonheim, UCD Micro-credentials, and Dererca Ní Chianáin, UCD Micro-credentials.

UCD Access and Lifelong Learning Welcome in September 2022.

streamlined for users. Making the information available earlier also adds value by enabling timely academic advice to students, empowering them to make informed module choices in their final trimester.

Preparing Students for Career Success

Each year around 1,600 students undertake credit bearing career development within their programmes of study. In addition to credit bearing education and career coaching, co-curricular engagement is an important aspect of helping student prepare for career success. This year, UCD Careers Network worked hard to scale engagement with the UCD Advantage Award which requires students to reflect upon their co-curricular activities and produce a written submission. In this reporting period 531 students achieved the UCD Advantage Award. Over 90% of students felt more confident in articulating their skills as a result of achieving the UCD Advantage Award. In addition, 100 students received Certificates in Skills for Working Life, Work-Related Learning (experiential visits to City of London employers) and Career-Alumni Mentoring.

This year, students were also able to access CV and interview preparation tools built on Artificial Intelligence – more than 6,665 enhanced their CVs and 3,479 availed of online practice interviewing with feedback. Further, over 3,000 students completed e-learning courses available on MyCareer, demonstrating the importance of having first-class online support available and integrated into an overall career development offering for UCD students and postdoctoral researchers. Over 2,244 students chose to avail of one-to-one career coaching sessions either in-person or online.

Spending time and resources on enabling students to make the most effective job applications possible is critical to career progression and effectiveness when networking with employers on campus. UCD welcomed 188 employers to UCD Belfield Recruitment Fairs, which were attended by 3,531 students.

Academic Internships

To enhance the employability attributes of students and graduates, the number and range of academic internships and work placements have increased year-on-year in undergraduate programmes. There was an increase in the number of organisations providing internships and placements to undergraduate and graduate students, from 1,220 organisations in 2021/22 to 1,301 in 2022/23. There was a 57% increase in the number of undergraduate academic internships, with 1,427 in 2022/23, up from 907 in 2021/22.

Student Engagement, Diversity and Wellbeing

Orientation and Welcome Events

This year our undergraduate Welcome events were moved to the more intimate Astra Hall in the Student Centre. Twelve President's Welcome events, which included the iconic UCD Scarfing Ceremonies, took place. All undergraduate students were assigned a Peer Mentor, from a student volunteer pool of over 750 students. New students also engaged with a digital orientation module incorporating the UCD Active Bystander Module 'UCD says No to sexual misconduct', designed to help promote a culture of zero tolerance to bullying, sexual violence, and sexual harassment. The component was very well received with some 4,936-completing content across both modules, and over 4,000 students completing the end-of-module survey.

The UCD Access and Lifelong Learning Welcome for access students was held on 13/14 September with 1,302 new access students invited. This year's theme was 'connections, perspectives and opportunities.' The Welcome programme provides a head start to new access students and builds their campus confidence and social networks. The programme was planned and co-created with student Access Leaders, and signposts key information, supports and resources, that are complimentary to Programme Orientations.

In September we also welcomed our Graduate Taught Students at 'GradsCONNECT' which was attended by 500 students. Orientation for Graduate Research students was attended by over 100 students and repeated in February for January-start students. These are important dates in the calendar for our Graduate Research students. They include contributions from faculty, professional staff, and current research students, and provide key information on what a student can expect from UCD, what the University expects from them, as well as details on the comprehensive support UCD provides.

Widening Participation

UCD's Cothrom na Féinne Scholarship programme is the largest needs-based scholarship programme for access students in Ireland and this year 155 Scholarships were awarded. A highlight for the programme was overcoming a structural barrier for low-income students on scholarships, where scholarship income is considered reckonable house income for SUSI. Working with the Department of Further and Higher Education, Research innovation and Science, UCD was successful in Cothrom na Féinne scholarships being granted income disregard for the purpose of SUSI.

The Think Again Scholarship aimed at women on low income, aged 23 and above, who want to study part-time or full-time for a degree is now in its second year. One of the highlights this year was the 'Think Again Think In' event where UCD reached out and engaged with current Think Again Scholars, faculty and staff and community organisations working with marginalised and migrant women including Akidwa, An Cosán, BelongTo, Irish Refugee, Council, the National Women's Council, Pavee Point SOLAS, and Southside Partnership Women's Programme.

The HEA Programme for Access to Higher Education (PATH) is a €2 million programme aiming to increase access to higher education for under-represented groups. In total 83 Path 2 1916 Bursaries were awarded to UCD. A number of Creative Arts Summer School taster workshops were also delivered over Easter including initiatives as part of the Dublin Learning Festival. The Creative Arts Summer School 2023 took place for eight days from 12-23 June.

The UCD Access and Lifelong Learning residential Summer School took place in June and was an opportunity for school pupils to experience university life through interactive academic workshops and a variety of social and sports. Fifty-four fifth-year pupils from 15 linked DEIS schools participated in discussions led by our Access Leaders, and completed workshops in History, Computer Science, Social Sciences and Business.

The UCD Access Leader programme continues to model best practice in co-creation and co-delivery with 103 active Access Leaders contributing to initiatives, university committees and fora. A further 51 students completed training this year. These student leaders develop key skills in mentoring and guiding potential and current students, to enhance their educational experience. The Access Leaders also work on Outreach with the UCD Access and Lifelong Learning team. Outreach highlights this year include:

- *Maths Xplained and Languages for Life* – Over 70 students from linked schools worked with UCD students and tutors on mathematical problems and language skills through a series of interactive workshops. These projects were developed in collaboration with the UCD Mathematics Support Centre, the UCD School of Languages, Linguistics and Cultures, Languages Connect and UCD Library.
- *Information sessions for Guidance Counsellors* – UCD hosted the second in a series of information sessions for guidance counsellors and information officers in link schools and community partners.
- *Outreach STEM Activities for Holy Family School for the Deaf* – In support of the Centre for Experimental Pathogen Host research Outreach STEM Activities for Holy Family School for the Deaf, UCD delivered a workshop on Pathways to UCD.

Pathways to the Profession is a strategic project to improve access to the professions for access students. Progress on 'Inclusive workplaces' gained momentum this year with the first workshop held in July with Mason Hayes and Curran. Following a very positive response, the learning from this pilot will inform a roll out to five top legal firms in Dublin, and the outputs of the project will be developed into a community of practice and toolkit publication.

The University for All Faculty Partnership Programme is a collaboration between UCD Access & Lifelong Learning, UCD Teaching & Learning and UCD Equality, Diversity & Inclusion. Funded by the HEA, it is designed to support and accelerate the implementation of Universal Design for Learning (UDL) throughout the University. This year Faculty Partners produced a case study of their work in UDL and the collected publication of these was published in February. This publication showcases how Universal Design can be implemented across a large institution, with valuable practical interventions that can be replicated across UCD and the wider HE sector. It represents an excellent sharing of best practice.

Access Pathways

Open Learning, UCD's unique part-time flexible programme, is designed to encourage wider participation across our target groups. This year it expanded to include 13 progression routes to undergraduate programmes, the most recent addition being DN720 Psychology. Over 30 students completed a Certificate in Open Learning (30 credits, NFQ Level 7) and one student completed a Diploma in Open Learning (60 credits, NFQ Level 7). 22 students were offered places on one of the progression pathways available in UCD. UCD also celebrated 74 years of Lifelong Learning this year and was a year which had almost 800 students participate in programmes on the Belfield campus and in our various cultural partners across the city.

Health and Wellbeing

Our Student Advisers and University Chaplains continued to offer highly visible locally based support to students. The celebration of World Mental Health Day was an excellent reflection of the team's values and dedication to raising awareness of mental wellbeing. Among other activities students and staff of the UCD School of Medicine and the UCD School of Veterinary Medicine participated in planting hundreds of daffodil bulbs to symbolise positivity and new beginnings and led a walk of *5,000 Steps for Wellbeing.*

This year the UCD Student Counselling Service provided over 15,894 student counselling appointments, an increase of 4,000 counselling hours since last year; 80% of counselling was in-person with less than 20% via tele therapy (within Ireland). The UCD Student Health service offered 9,515 medical and 5,046 nursing and 613 psychiatry appointments in the past year, and while UCD already offers telephone and digital mental health supports, we also joined 17 other HEIs in introducing Togetherall, a digital mental health service. The service offers anonymous peer and community support to students 24/7, with trained clinicians online at all times, while also integrating with on-campus support, and linking to other external localised services.

Financial Support

UCD has demonstrated a commitment to reducing the financial barriers to education, with more students than ever have been supported through UCD. Funds were established based on the

HEA Student Assistance Fund with a substantial top-up from UCD. Over 900 students applied for the means-tested Student Support Fund, an increase of 10% on the previous year. Additionally, 759 students paying rent received top-up funding. The transparent and efficient distribution of these funds has greatly benefitted students in need. In total almost 1,400 students received financial support through their Student Advisers and an additional 550 students were supported through UCD Access and Lifelong Learning.

Sport and Performance Facilities

An outstanding €3 million anonymous donation has facilitated the opening of a state-of-the-art IAAF standard 400m eight-lane athletics track. This remarkable facility marks a new era in sport at UCD, becoming a permanent home for the UCD Athletics Club and the wider community. The generous donation, the largest single contribution in UCD sporting history, not only covered the construction but also ensured the track's maintenance for the next two decades.

A state-of-the-art artificial pitch at Thornfield was completed in August, which marked a significant upgrade to the campus's sports facilities. The new full-size, World Rugby-compliant pitch is meticulously designed to host University Rugby and Soccer Clubs and is also accessible to the wider community. Equipped with cutting-edge, low-energy LED lighting, the pitch exemplifies sustainability, substantially reducing the campus's overall energy consumption. Available for use seven days a week, the pitch can accommodate up to 25,000 user hours weekly, representing a remarkable enhancement from the previous grass pitch.

UCD has secured planning permission for an €87 million multi-purpose facility, marking a significant enhancement in sports, and performing arts infrastructure. Funded by the annual student levy, the project includes a three-storey Sports Hall, Tennis Centre, and Music Performance Centre, with provisions for end-of-term examinations. Additionally, the development will feature UEFA-standard football pitches, five-a-side football pitches and a half-size hockey training pitch.

Enhancing the Graduate Student Experience

Importance of the Student Voice: Postgraduate Research Student Survey

In recognition of the importance of making students aware that their voices were being heard and acted upon and demonstrating that their Schools were meaningfully responding to their feedback on research and learning experiences, UCD Graduate Studies fully utilised feedback from the 2021 PGR StudentSurvey.ie to inform and drive student experience quality enhancements in Schools. The 'You Said, We Did' campaign to recruit respondents to the 2023 PGR StudentSurvey was an enormous success with a 45% (n=913) University response rate. This is a significant increase of 15% from the previous University (and national) response rate of 30%. The increase in engagement was across the University; the lowest response rate in any college was 38% and the highest was 59%. The data from this 2023 survey will be the most robust to date.

The School quality enhancement reports also revealed a rich repository of examples of good practice in graduate education across the University. To harness this excellent work and ensure learnings are shared between Schools, a 'Platform of Good Practice in Graduate Education' is now hosted on the Graduate Studies website.

Dean's Award in Doctoral Supervision

The UCD *Dean of Graduate Studies Award for Excellence in Doctoral Supervision* is a biennial award, which recognises excellence in research supervisory practice by a UCD faculty member. Nominations for this award are made by research students in any given year. This is an opportunity to recognise those individuals who go above and beyond what is expected of them as supervisors, in supporting, teaching and mentoring their doctoral students. The field was so strong in 2023 that we had two winners Professor Deirdre Raftery, UCD School of Education and Professor Grace Mulcahy, UCD School of Veterinary Medicine.

Prof Mark Rogers, Acting Registrar and Deputy President, launches the new Athletics Track.

Dr Sandra Collins, University Librarian with Marie Heaney and Prof Orla Feely, UCD President, at the launch of the exhibition 'Heaney and the Classics'.

Support and Development for Research Supervisors

The Research Supervisor Support and Development Programme (RSSDp) is a hybrid programme of workshops targeted at new, inexperienced research supervisors and more experienced staff who would like to refresh their knowledge on aspects of research supervisory practice. In 2023, the successful collaboration between UCD, TCD and RCSI continued, with each university offering specific workshops that are open to partner institutions. We were also delighted to be joined by the University of Connecticut, a Universitas 21 partner. These collaborative workshops address key research supervisor challenges and contemporary practices and are not institute specific. Panel discussions with experienced research supervisors and those new to supervision take place across the programme. The 2023 RSSDp commenced in January with a session given by our visiting expert, Hugh Kearns.

First IUA Deans of Graduate Studies Symposium

In May UCD hosted the 'IUA Deans of Graduate Studies Symposium'. The symposium is the first of its kind, titled 'Research Supervision: Growing Excellence' a national collaborative event with input from each of the eight IUA universities. The Acting Registrar, Professor Barbara Dooley opened the symposium. We had two guest speakers, experts in the areas of supervisor development, training and recognition, Professors Stan Taylor, Durham University and Bob Harris, Karolinska Institute. The event included panels with students and supervisors as well as a session on mental health.

Development, Skills, and Events for Doctoral Students

In 2023, the ThesisIn3 competition was an immense success and offered another year of stimulating talks. The winner Sergei Katsuba, UCD Sutherland School of Law captured the audience's attention with a talk titled *Decade of violence: How authoritarian regimes instigate violence and hate crimes against marginalised groups.* We are delighted that following their success, Sergei went on to represent UCD at the Universitas 21 international competition. Following the hugely positive response last year, we held 'Visualise Your Thesis' for the third time. This innovative approach to communicating research has proved to be extraordinarily successful for conveying complex

topics. This year's winner was Ishani Atukoralalage, UCD School of Medicine with a video entitled *One valve at a time: Minimally invasive heart valves for correction of congenital valve defects.* Ishani will represent UCD at the international online showcase hosted by the University of Melbourne. Together with the UCD Students' Union and the UCD Writing Centre, UCD Graduate Studies delivered WOW (Writing on Wednesdays) which offered guided online sessions, supporting doctoral students writing in Trimester 1 and 2. Doctoral writing was also supported for late-stage students with the ever-popular Thesis Boot Camp. To further improve our supports for graduate research students, our Transferable Skills portfolio of workshops were delivered in a blended format in 2023.

Research and professional development are integral to all research programmes in UCD. An important element to this process is the RPDP form that captures the outcomes of Research Studies Panel meetings. This year, in line with the Graduate Studies strategic aim to improve the Research Student Management System the RPDP form has been transitioned online. The enhancement will benefit all graduate research students in all Schools at every year of their programme whether fulltime or parttime and help engage the faculty and students with the RPDP Process.

Promoting Quality Assurance and Excellence in Governance

Academic Governance

The enactment of the Higher Education Authority Act 2022 meant a significant change to the regulatory regime and the governance expectations of the higher education sector. In respect of UCD, the composition of the Governing Authority is reduced from 40 to 19 members, the majority of whom will be appointed from outside UCD's staff and students. These changes are designed to enhance decision-making with a focus on the skills and competencies of the individual members. In March 2023, University Secretariat coordinated faculty and staff electronic elections to the Governing Authority and external members were appointed through a national search campaign conducted with the assistance of independent consultants. The new UCD Governing Authority will convene in November 2023.

Good academic governance, a key and constant priority for UCD, continued to be overseen by the Academic Council and its Committees. Of significant note this year was the review of the UCD Academic Regulations, with the review of Taught Regulations led by Professor Marie Clarke and the review of Research Regulations led by Professor Paul McCabe. The UCD Academic Regulations provide a high-level overarching framework for the teaching and research outputs of UCD, and the reviews were designed to ensure an excellent educational experience and assurance of quality and academic integrity of all UCD awards. The Committees of Academic Council continued their work throughout 2022/23, appreciating the return to in-person meetings. The scope and detail of the work of these Committees continues to be an exemplar of the values of the University.

Compliance with University, Legislative and External Quality Assurance Requirements

The University has continued to meet its obligations as a Designated Awarding Body in relation to quality. The University completed its third year of implementing the recommendations from the 2019 Cinnte review of the effectiveness of our quality policies, procedures

and processes. A total of twelve recommendations with 45 associated actions are now fully complete with five actions remaining.

As the University enters its fourth cycle of internal quality reviews, on-campus quality review site visits took place in UCD School of Mechanical and Materials Engineering, UCD School of English, Drama and Film, UCD School of Veterinary Medicine, UCD School of Civil Engineering, UCD Student Services and facilities, UCD School of Medicine, UCD School of Mathematics and Statistics, and UCD IT Services. We continue to monitor the profile of our review groups to ensure that they support the University's objective of building our engagement locally, nationally, and internationally and reflect University policies such as Equality, Diversity and Inclusion, and Leadership Development for faculty and staff. UCD Governing Authority considered the key emerging commendations and recommendations emerging from the third cycle of academic school reviews at its meeting in June 2023, noting that over 50% of recommendations identified were around strategic planning.

External Collaboration
Following the publication of their strategic plan, Quality and Qualifications Ireland (QQI) appointed the Dean of Undergraduate Studies and the Director of Quality to the Irish Quality and Qualifications Forum (IQQF). The forum will act as a key driver to QQI's integrated approach to quality and qualifications across the

further, higher education and training sectors, encouraging sectoral collaboration, sharing of good practice in quality and in the sector's qualifications. Engagement with our Una Europa partners in the area of quality has continued through its Quality Cluster with work continuing on developing a QA blueprint, participation in feedback groups, and a UCD Quality Office Erasmus study visit to KU Leuven.

Delivering Library, Information and Knowledge Management Systems

UCD Library
Library Visits and Training
There were more than 1.2 million visits to the five library sites during the year, and the Library successfully removed fines on all book loans, as a support to students and to remove barriers to using the Library. Staff answered nearly 26,000 queries, at the information desks, by email and through the online chat service. 319 Leaving Cert students were welcomed as part of an annual scheme.

Library staff delivered information sessions to 10,650 students, both online (64) and in person (145), in addition to the growing number of online tutorials. An Academic Integrity course, developed by UCD Library and funded by the National Forum for the Enhancement of Teaching and learning, was introduced in September 2022.

12,558
UCD Graduate students

30%
increase over the past five years

Year	Graduate Taught	Graduate Research
2013/14	6,243	1,792
2014/15	6,375	1,804
2015/16	6,864	1,788
2016/17	7,412	1,742
2017/18	7,538	1,770
2018/19	7,866	1,779
2019/20	8,079	1,833
2020/21	10,065	2,028
2021/22	10,620	2,005
2022/23	10,429	2,129

Number of students

Graduate Taught   Graduate Research
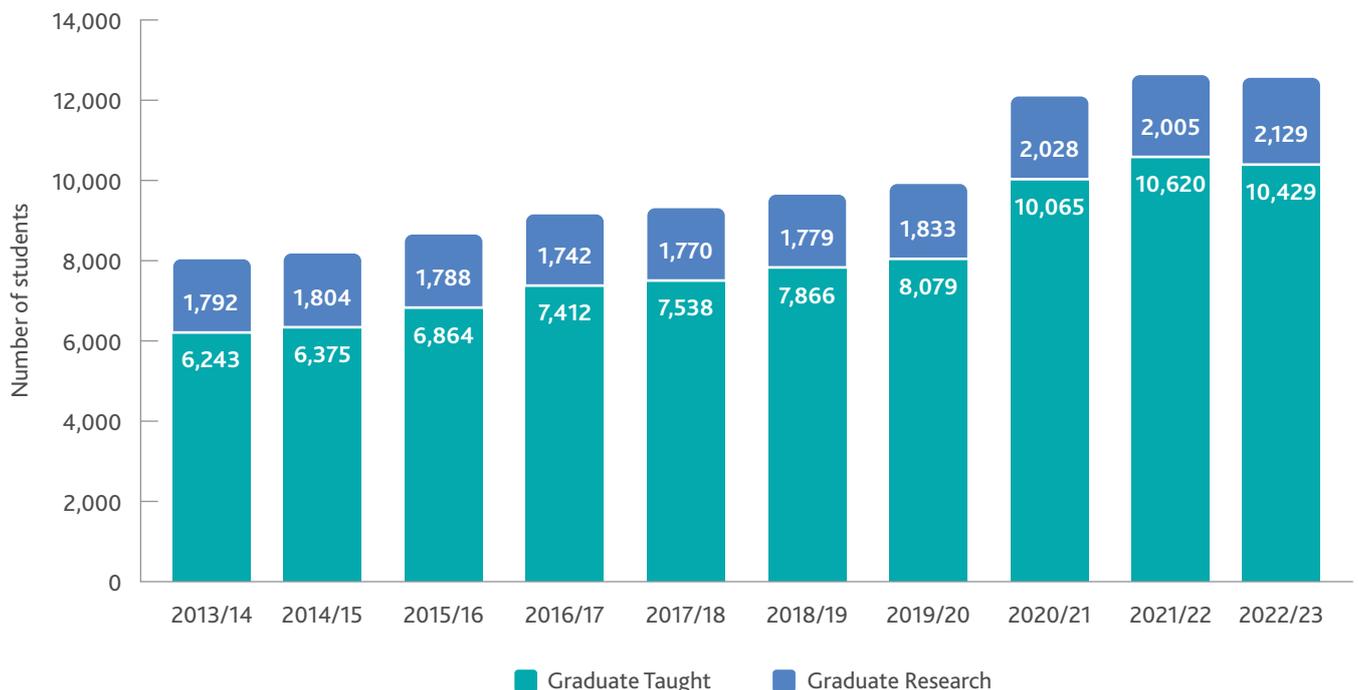
New Library Spaces

The transformation of Level 3 of the James Joyce Library was completed, delivering 535 formal and informal student learning spaces. The Library and UCD Estate Services worked with Reddy Architects and Urbanism to create a contemporary design that responded to student feedback and worked in partnership with the UCD Students' Union. It includes enhanced lighting, varied study modes, power at all desks, online meeting rooms, enhanced welfare facilities, bilingual signage, and rooms to support students with sensory needs. This work is part of the overall transformation of the James Joyce Library building and is the largest development project undertaken since the Library was constructed in the 1970s and 1980s.

The Veterinary Library was upgraded for the first time since 2000. The refurbishment included additional student spaces and group study rooms, enhanced facilities and upgraded fixtures and furnishings.

Digital Initiatives

UCD Library partnered with UCD Access and Lifelong Learning to provide devices and supports purchased with Devolved Grant Funding to all Library users. Contactless Library services including self-services kiosks and smart return chutes for books, and a Library app, were delivered during the year, and new digital information screens were rolled out across all Library sites.

UCD Digital Library digitised the Richmond Hospital Medical Illustrations, and, in a collaboration with UCD School of Education and the Sisters of Mercy, the Carysfort College Registers, 1883-1922. Both projects were supported by the Royal Irish Academy Kevin B Nowlan digitisation fund.

Supporting Research

During Love Data Week in February, the Library held sessions on topics such How to Publish your Research Data. Also in February, the Library hosted the launch of UCD's Citizen Science Community of Practice supported by UCD Earth Institute, which was chaired by

Pictured at the presentation of the UCD Advantage Awards, recipients Eoghan Ryder, Moyinoluwa Adelakun and Chandini Lokkashri Sai Balaji.

Dr Aoibhinn Ní Shúilleabháin, and featured Professor Francesco Pilla and Professor Mary Kelly-Quinn.

The Library also launched two new research data publishing options for the UCD community: UCD's membership of the Digital Repository of Ireland (a trusted national digital repository for Ireland's humanities, social sciences, and cultural heritage data) and a new UCD Research Data Management Community on the Zenodo repository.

Cultural Heritage

September saw UCD Archives and the UCD School of Music present a symposium on and performance of their joint project, 'A Civil War Cantata: Who'd Ever Think it Would Come to This?' UCD Archives also curated an exhibition exploring the foundation and development of the Irish Free State, as part of UCD's Foundation of the Irish State Conference in December.

The Special Collections exhibition 'Heaney and the Classics,' co-curated by UCD alumnus Dr Joseph Hassett, was launched in April at an event attended by the Heaney family. The exhibition showcases rare copies of Heaney's work donated by Dr Hassett.

The National Folklore Collection worked with Scratch Films and RTÉ on the Civil War Memory Project, culminating in the two-part documentary series 'The Silent Civil War.' 80 individual interviews were conducted with relatives of Civil War participants, local historians, and others, and these will be housed in and made accessible by the NFC.

Knowledge Management Systems

Promoting IT Security and Best Practice in Digital Solutions

To help protect university data and prevent cyber security incidents, all staff UCD Connect accounts were enrolled onto Device Health, a new solution to help protect staff devices. Device Health is a significant enhancement to our existing MFA service. Once installed on a user device it can determine whether it meets the approved minimum-security requirements as set out our Device Protection Policy. Sophos Intercept X was also rolled out to staff providing updated levels of protection for devices. This is the next generation of antivirus software which includes anti-ransomware technology that detects malicious encryption processes and shuts them down before they can spread across computer networks.

To ensure alignment with UCD principles, policies and standards, and compliance with regulatory and legal requirements, a Guide for Deploying Digital Solutions in UCD, was developed to provide guidance for those considering deploying a digital solution locally within their team, school or unit.

Virtual Learning Environment

Improvements in our Virtual Learning Environment (VLE) were introduced to support a student-centred educational experience. In the Education and Student Success Strategy 2020-2024 a commitment was made to enhance the experience of the VLE and linked to this is the development of a UCD VLE policy that sets standards that are appropriate to the disciplinary context in which modules are developed and delivered. The UCD IT Services Educational Technology Services team offered training and support to staff members to encourage adoption of the VLE Standards.

We also renewed our Brightspace contract following its introduction over three years ago. While in-person education is the cornerstone of UCDs education, our VLE supports campus life through online and blended learning. It also facilitates efficient interaction between faculty and students and offers more flexibility and supports for a personalised student learning journey.

YuJa the Enterprise Video Content platform, which was in pilot across a number of Schools is now available campus wide. The platform improves the accessibility of digital media and course content for students while integrating seamlessly into our Brightspace learning environment.

New IT System for Student Feedback

This year a new Student Feedback system, Evasys, was piloted in seven schools. Features include the introduction of a new lecturer teaching survey, the ability to close the feedback loop with students and integration with more UCD systems, such as Brightspace. Phase 1 of the pilot project is now complete with a number of key findings and recommendations ready for review and next steps.

Website Accessibility

UCD IT Services and UCD Access & Lifelong Learning worked together to implement significant enhancements to improve the accessibility scoring on UCD's web pages. This facilitates all users in being able to access information on our courses and services available to them.

IRLDAT is a currently active pilot project funded through the National Action Plan for Open Research by NORF. This year saw UCD's participation in proof of concept for a distributed Research Data Storage solution for large datasets. A procurement exercise was also commenced to select a SaaS Research Data Storage solution for Active Research groups.

Remembering Brian Mullins

A Legacy of Passion and Dedication at UCD

In memory of Brian Mullins, who passed away in September 2022, UCD commemorates a transformative leader whose legacy profoundly shaped its athletic community. As Director of Sport, Brian's vision and dedication revitalised UCD's sporting infrastructure, fostering an environment of inclusivity and holistic wellbeing. His advocacy for comprehensive wellness initiatives left an indelible mark, extending beyond physical facilities to enrich the broader UCD community. Brian's extraordinary career, marked by significant accolades, exemplifies his unwavering commitment to Gaelic Football and sportsmanship. UCD expresses heartfelt gratitude and condolences, remembering Brian as a beacon of passion, resilience and community inspiration.

Incoming Undergraduate Degree Students

	2018/19 entrants	2019/20 entrants	2020/21 entrants	2021/22 entrants	2022/23 entrants
Under-represented entrants	**887**	**985**	**1118**	**1098**	**1022**
Mature entrants	**242**	**254**	**258**	**259**	**208**
Mature Years HEA Support Only	87	85	86	67	71
Mature Years Support and Concession	155	169	172	192	137
DARE entrants	**335**	**380**	**423**	**448**	**500**
DARE HEA Support Only	178	184	205	171	248
DARE below Support and Concession	157	196	218	277	252
HEAR entrants	**219**	**231**	**269**	**256**	**212**
HEAR HEA Support Only	90	90	122	95	75
HEAR below Support and Concession	129	141	147	161	137
Other progression routes	**185**	**229**	**263**	**242**	**216**
Other Progression (incl Open Learning)	185	229	263	242	216
Total UCD	**4,408**	**4,600**	**4,957**	**5,014**	**4,945**

HEA Support Only = Above cut-off   HEA Support and Concession = Below cut-off

RESEARCH, INNOVATION AND IMPACT

Introduction from Interim Vice-President for Research, Innovation and Impact

At UCD Research and Innovation, we seek to deliver clear impact in areas of global challenge and are guided in our efforts by four strategic themes: creating a sustainable global society, transforming through digital technology, building a healthy world and empowering humanity.

THIS YEAR, UCD Research and Innovation has continued to deliver excellent research across these themes, with major funding success in areas such as next-generation energy systems, green transition, heart transplant and election campaigns.

This year has been our most successful ever for securing external research funding, which amounted to a total of €160.5 million. This was made up of 803 individual externally-funded research grants across all areas of the University, reflecting the diversity of our research strength.

Our performance in European research funding continues to strengthen. UCD ranks a clear first nationally and 22nd among all higher education institutions in the EU for funding under Horizon Europe. Thirteen researchers secured highly competitive European Research Council (ERC) awards (€16.6 million in total) in 2022/23. UCD is committed to playing a strategic role in Ireland's innovation and knowledge exchange ecosystem as an enabler of economic growth and talent development.

NovaUCD, which is a leading hub of innovation and start-up activity in Ireland, is focused on the commercialisation of our research outputs, creating new ventures, nurturing and scaling start-ups and established companies with global reach, and creating jobs.

Since 2003, UCD has supported more than 550 companies and early-stage ventures through the services and supports provided across the University by NovaUCD, and through its business support programmes. In addition, the NovaUCD entrepreneurial community has raised more than €1.3 billion in equity funding since then. NovaUCD also hosted the inaugural ESA BIC Ireland showcase, which celebrated the achievements of the 29 companies that have so far participated in this business incubation programme, of which NovaUCD is a member.

During the year, the UCD Conway Institute prepared to mark its 20th anniversary. This leading biomedical research institute, underpinned by the most comprehensive suite of centrally managed technology facilities in Ireland is part of the legacy of the late Chuck Feeney, the Irish American philanthropist.

I am honoured to have played a role in the UCD Conway Institute. In my view, its greatest achievement to date has been in nurturing people, developing a top-class research talent pipeline, whilst providing an exemplar research culture and environment in which both faculty and research teams are supported to deliver on their potential and ambitions.

Construction commenced this year on a new €4.8 million state-of-the-art facility (ca. 1,010 sqm) incorporating the AgTechUCD Innovation Centre and the UCD Bimeda Herd Health Hub at UCD Lyons Farm in Co Kildare. The Centre, the first and only on-farm workspace hub in Ireland, will promote and accelerate early-stage start-ups and SMEs with disruptive innovations in the agri, agtech, agrifood and veterinary sectors, as they build their innovative businesses into leading enterprises creating jobs.

The establishment of the UCD Bimeda Herd Health Hub will provide a national facility for dairy herd health education, research and consultancy and will support the delivery of state-of-the art training to undergraduate and postgraduate students in the UCD School of Veterinary Medicine.

As we approach the end of the year, a UCD team is finalising preparations to send Ireland's first-ever satellite, EIRSAT-1 into space. The satellite, designed, built and tested in UCD is a flagship project of UCD C-Space, the UCD Centre for Space Research, the UCD School of Physics and the UCD School of Mechanical and Materials Engineering.

A miniature cube satellite, or cubesat, the development of EIRSAT-1 in UCD has seen the introduction of space systems engineering and skills that have not previously existed in Irish industry or academia. We look forward to with great excitement to seeing this satellite launched into space.

Professor Helen Roche
Interim UCD Vice-President for Research, Innovation and Impact

Research Publications
Details of all research publications for the period of this Report are available online at: **www.ucd.ie/research/publications/20222023**

22nd

position in rankings among all academic institutions for success under the European Commission's Horizon Europe programme, making UCD the clear national leader to research excellence

Research Funding 2022/23

This year has been our most successful ever for securing external research funding, which amounted to a total of €160.5 million, an increase of 3% on last year (€155.7 million). This success was made up of 803 externally funded research grants across all areas of the University, reflecting the diversity of our research strength.

Our performance in European funding was particularly strong (€46.7 million) and in August 2023 we ranked 22nd among all higher education institutions (and a clear first nationally) for funding under Horizon Europe. UCD had significant success with the highly competitive European Research Council awards in 2022/23, with two Advanced, four Consolidator, one Proof of Concept, one Synergy

€160.5m

total funding capture in 2022/23 exceeds our previous funding record of €155.7 million in 2021/22

803

separate research awards were granted, indicating the commitment to research excellence

Table 1: External Research Awards 2022/23

Year	Total value contracts signed including contributions to overheads (€ million)	Total number of contracts awarded	Total contributions to overheads (%)
2022/23	160.5	803	18.7%

Funding source	Number of contracts	Value (€)
SFI	133	46,941,445
EC	102	46,654,143
IRC	122	12,045,152
EI	116	8,218,893
DAFM	19	4,821,531
Others	311	41,841,248
Total	**803**	**160,522,412**

Table 2: Largest Grants Awarded to UCD 2022/23

Leader	Funding source	Programme	Title	Total direct costs €
Professor Kevin Edward O'Connor	Science Foundation Ireland (SFI)	Research Centres – Renewal	BiOrbic Phase 2 – Operations budget*	6,266,300
Professor Robert Staszewski, Assoc Professor Elena Blokhina, Dr Deepu John, Dr Teerachot Siriburanon (School of Electrical and Electronic Engineering); Professor Gary Mcguire (School of Mathematics and Statistics); Dr Andrew Mitchell (School of Physics);	Science Foundation Ireland (SFI)	Research Professorship	Mixed-Signal Integrated Circuits Electronics for Emerging Applications	5,866,648
Professor Denis Dowling	Science Foundation Ireland (SFI)	Research Centres – Renewal	i-Form Phase 2 – Operations Budget*	4,429,092
Professor Helen Roche	Department of Housing Local Government and Heritage	Met Éireann Research Professorship Call 2023	UCD-Met Éireann Research Professorship Programme	3,870,005
Professor Padraig Dunne (School of Physics)	Horizon Europe	P1 – ERC Synergy (Syn)	How Neutron Star Mergers make Heavy Elements (HEAVYMETAL)	2,787,121
Dr Edward McDonnell (School of Computer Science)	EC - DG Communications Networks Content and Technology (CNECT)	Digital Europe Programme (DIGITAL)	CeADAR – Ireland's AI European Digital Innovation Hub (EDIH)	2,681,683
Professor Andrew Keane, Associate Professor Damian Flynn (School of Electrical and Electronic Engineering); Professor Lisa Ryan (School of Economics)	The Department of Environment Climate and Communications	Tender	EMPowER II: Provision of Electricity Systems modelling services to the Climate Action Modelling Group (CAMG)	1,841,399
Professor Aisling Swaine (School of Social Policy, Social Work and Social Justice)	Horizon Europe	P1 – ERC Consolidator Grant (CoG)	Gender Conflict and Coercive Control: A Feminist Phenomenological Expansion of Conflict-related Harm (GENCOERCTRL)	1,600,000
Dr Katharina Wollenberg Valero (School of Biology and Environmental Science)	Horizon Europe	P1 – ERC Consolidator Grant (CoG)	Molecular mechanisms and consequences of thermal stress rippling through changing aquatic environments (MolStressH2O)	1,599,876
Associate Professor Philip Cardiff (School of Mechanical and Materials Engineering)	Horizon Europe	P1 – ERC Consolidator Grant (CoG)	Providing Mechanical Insights into Cardiac Xenotransplantation (XenoSim)	1,599,527
Professor Rosana Pinheiro-Machado (School of Geography)	Horizon Europe	P1 – ERC Consolidator Grant (CoG)	Flexible Work Rigid Politics: The Nexus Between Labour Precariousness and Authoritarian Politics in The Global South (Brazil India Philippines) (WorkPoliticsBIP)	1,598,969

Leader	Funding source	Programme	Title	Total direct costs €
Professor Kevin O'Connor (School of Biomolecular and Biomedical Science)	Dept. Agriculture Food and the Marine (DAFM)	Equipment Grant	Proposal to use Carbon Tax Funding (DAFM allocation) to support capital expenditure for an Integrated Anaerobic Digestion & Grass Biorefinery Demonstration Initiative (Biorbic)	1,518,937
Professor Ronan Cahill (School of Medicine)	Horizon Europe	P2 – C1 Health	Validating AI in Classifying Cancer in Real-Time Surgery (CLASSICA)	1,394,707
Professor Joanna Bruck (School of Archaeology)	Horizon Europe	P1 – ERC Advanced Grant (AdG)	Animals and Society in Bronze Age Europe (ANSOC)	1,302,820
Dr Ailise Bulfin (School of English, Drama and Film)	Horizon Europe	P1 – ERC Starting Grant (StG)	Investigating Fictional Representations of Child Sexual Abuse in Contemporary Culture: Myths and Understanding (CSAReps)	1,200,000
Associate Professor Fangzhe Qiu (School of Irish, Celtic Studies and Folklore)	Horizon Europe	P1 – ERC Starting Grant (StG)	Fluid texts and scholars' digests: (re)production of law in medieval Ireland (FLEXI)	1,199,999
Associate Professor Joseph Lacey (School of Politics and International Relations)	Horizon Europe	P1 – ERC Starting Grant (StG)	Moral Agency in Election Campaigns (ELECT)	1,199,999
Dr Elaine Corbett (School of Electrical and Electronic Engineering)	Horizon Europe	P1 – ERC Starting Grant (StG)	Neuromuscular-cognitive interactions in sensorimotor decision making (MYODECISION)	1,199,932
Dr Fiona Smyth (School of Art History and Cultural Policy)	Horizon Europe	P1 – ERC Starting Grant (StG)	Spectres & Camouflage: The Sound of Silence (1938-1970) (Spectres-Camouflage)	1,199,669
Associate Professor Eoin O'Cearbhaill, Dr Malachy O'Rourke (School of Mechanical and Materials Engineering)	Enterprise Ireland (EI)	Disruptive Technologies Innovation Fund (DTIF)	A preclinically validated solution to enable treatment of >90% of patients with Tricuspid Regurgitation	1,079,250

* The total represents centre's 'Operations' budget only. The remainder of the budget will be registered in Yr 2023/24

and five Starting grants. Science Foundation Ireland (SFI) funding is up 37% over last year and continues to be the biggest funder of research activity at UCD (€46.9 million) by a narrow margin in 2022/23 compared with European funding (€46.7 million).

It is worth noting that UCD sees greater academic impact arising from outputs attributed to EU-funded research than nationally funded and we expect this funding success to translate to greater academic impact in the years to come.

Internal Research Schemes 2022/23

UCD makes significant investment in its own research through a number of programmes. In 2022/23, this investment totalled almost €20 million.

Strategic and Major Initiative awards and seed funding schemes have run for many years and are funded from research overheads. The Output Based Research Support Scheme (OBRSS), UCD EQUIP Scheme and Ad Astra Start up and Studentship Awards have been introduced in the last five years and are funded from central university resources.

Seed Funding

The UCD seed funding scheme was designed and implemented in 2005 when the national and institutional landscape for research was less developed than it is today. In recognition of the changing internal and external landscape since then and of the active role the colleges and institutes play in seeding initiatives in their own areas, we increased the allocation by 28% and devolved seed funding to the colleges and institutes.

UCD EQUIP Scheme 2022/2023

Research equipment is an essential enabler of excellent and competitive research and innovation across many domains. While there have been major national programmes for investment in research equipment in the past, such programmes have become sparse in recent years, and securing funding for the renewal of the existing equipment base has been particularly challenging.

In recognition of this, UCD developed the UCD EQUIP scheme to make a significant investment in core research equipment. The UCD EQUIP Scheme ran in April 2023 and awards were made in July. The total fund for 2022/23 was €4 million. In total, €3,468,510 was disbursed for new equipment or renewal of existing equipment. Funding was retained to support 10% match funding for SFI infrastructure bids. Details of the distribution under the scheme for 2022/23 by college are in Table 3.

UCD Output Based Research Support Scheme (OBRSS)

Research activity is critical to UCD's reputation as a leading global university. We recognise that commitment to excellent research builds UCD's reputation and that many of the day-to-day costs of research activity are not covered by research grants. In response,

1,057

faculty were awarded support funds through OBRSS during the past year

UCD has developed the Output Based Research Support Scheme (OBRSS) to disburse research support funds to faculty based on their research outputs, as captured through publications and PhD supervision. During the past year, 1,057 faculty were awarded support funds through OBRSS. Full details of the OBRSS are shown in Table 5.

Ad Astra Support Scheme

Ad Astra is an early career faculty recruitment programme. To support incoming Ad Astra Fellows to develop their research and become productive as quickly as possible, the University awards

Table 3: EQUIP Scheme 2022/23

College	Allocation €
UCD College of Science	1,427,570
UCD College of Health and Agricultural Sciences	1,231,770
UCD College Engineering and Architecture	684,255
UCD College of Social Sciences and Law	69,455
UCD College of Arts and Humanities	55,460
Total	**3,468,510**

Table 5: Ad Astra Support Scheme (by College)

College	2022/23 €
UCD College Engineering and Architecture	660,403
UCD College of Science	1,030,965
UCD College of Social Sciences and Law	1,297,500
Total	**2,988,868**

Table 4: Output Based Research Support Scheme 2022/23

College	Number of recipients	Total allocated €	Average award per person €
College of Arts and Humanities	105	71,063	676.79
College of Business	57	42,445	744.64
College of Engineering and Architecture	135	224,769	1,664.95
College of Health and Agricultural Sciences	285	390,555	1,370.37
College of Science	246	288,310	1,177.99
College of Social Sciences and Law	219	196,605	897.74
Other	10	7,160	719.97
Total	**1,057**	**1,220,906**	**1,155.07**

each fellow a discretionary fund of €5,000 and a PhD studentship. To date in 2022/23, we have invested approximately €3 million to support incoming fellows in three Colleges (the scheme runs in specific Colleges each year).

Publication Metrics

In 2022, there were 4,847 papers listed in Elsevier SciVal for UCD (see Figure 1). Although the coverage in this data does not reflect the totality of UCD's research outputs (which was 7,116 for the year), this is an important metric. On aggregate, UCD has produced the highest volume of academic publications in the country over the past fifteen years.

Academic Impact

Field-weighted citation impact compares the actual number of citations received by a paper with the expected number of citations for papers of the same document type (article, review, or conference proceeding paper), publication year and subject field. A field-weighted citation impact of 1.00 indicates that an institution's publications have been cited exactly as would be expected based on the global average

Figure 1: Number of publications recorded in SciVal per year
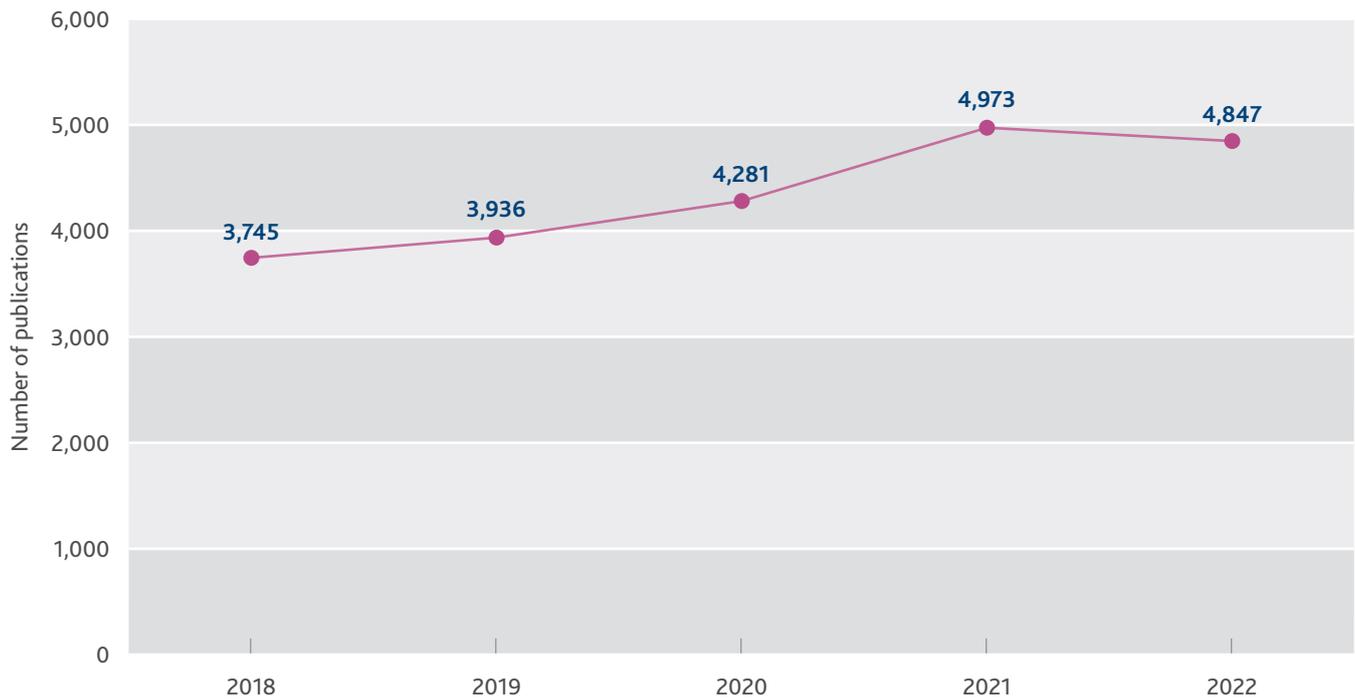
Figure 2: Field-weighted citation impact per 5-year period
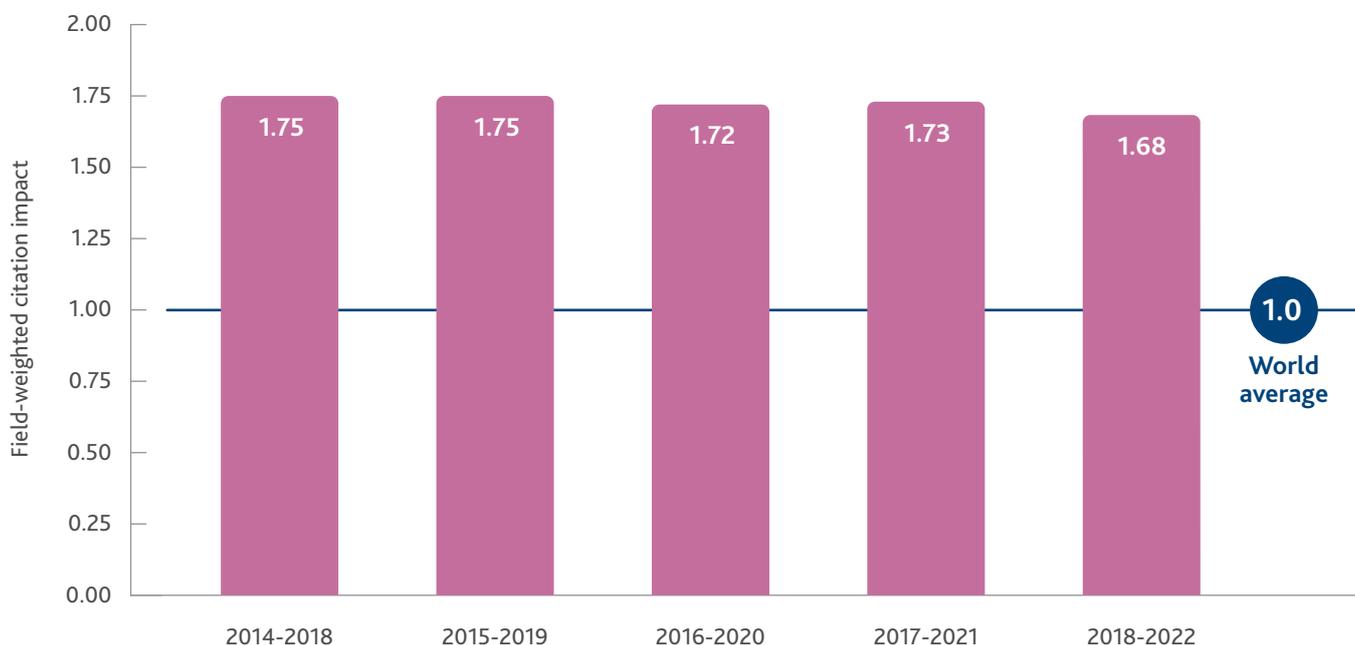
for similar publications. Using this measure, UCD's publications over the past five-years are 68% more cited than the world average, putting UCD on a similar plane with other leading international research-intensive universities. During the past five years, 18% of UCD's publications were in the top 10% of the most cited worldwide. In addition, 61% of the publications were co-authored with institutions in other countries, emphasising UCD's position as a global university.

Societal Impact

The Research Impact Case Study Competition builds capacity throughout UCD in capturing Research Impact. It encourages all researchers, regardless of discipline, to consider and celebrate the societal impact of their work.

This competition offers researchers at UCD an opportunity to develop a short written case study, with illustrative images, highlighting the impact of their research to an external, non-specialist audience. The overall 2022 winner was 'Helping parents support youth mental health' by Professor Eilis Hennessy, Aine French, and Dr Daráine Murphy, from the UCD School of Psychology. All finalists are included in the table below.

Overall winners of the 2022 UCD Research Impact Case Study Competition: Prof Eilis Hennessy (Lead) and Áine French, PhD researcher, UCD School of Psychology, being presented with their prize by Prof Orla Feely.

Table 6: Finalists of 2022 UCD Research Impact Case Study Competition

Name	School	Impact case study
Professor Eilis Hennessy, Aine French & Dr Daráine Murphy	UCD School of Psychology	Helping parents support youth mental health
Assistant Professor Alexander Kondakov & Sergey Katsuba	UCD School of Sociology, UCD Sutherland School of Law	A decade of violence: monitoring anti-LGBTQ hate crimes in the era of the Russian gay propaganda law
The Diabetes Complications Research Centre (UCD DCRC)	UCD School of Medicine, UCD Conway Institute	Changing the guidelines for treating type 2 diabetes
Dr Alma Clavin, Associate Professor Gerald Mills & Professor Niamh Moore-Cherry	UCD School of Geography	Empowering community-led green urban development
Assistant Professor Sarah Cotterill	UCD School of Civil Engineering	Every drop counts – making a case for water conservation in Ireland
Associate Professor Tom Curran	UCD School of Biosystems and Food Engineering	Fighting fatbergs – avoiding sewer blockages
Assistant Professor Nan Zhang	UCD School of Mechanical and Materials Engineering	From lab to bedside: bringing medical devices to the market quicker
HealthyAir (led by Dr Ricardo Simon Carbajo)	UCD School of Computer Science, CeADAR – Centre for Applied Data Analytics	HealthyAir: addressing the impacts of air pollution in Vietnam
Assistant Professor Laura Taylor & Dearbháile Counihan	UCD School of Psychology	Helping Kids! – promoting inclusive peacebuilding
Professor Katherine O'Donnell & Professor Hugh Campbell	UCD School of Philosophy, UCD School of Architecture, Planning and Environmental Policy	Inspiring a site of national conscience at the Sean McDermott Street Magdalene Laundry
Professor Deirdre Raftery & Professor Marie Clarke	UCD School of Education	PINNACLE: empowering women in India and Pakistan to become education leaders

Research Culture Initiative

A positive research culture is a priority for UCD and has been identified as one of four themes in UCD's Strategy for Research, Innovation and Impact. The University's strategy and work on research culture aligns strongly with the emerging international understanding of the importance of the research environment and culture. Research Culture will be included as a research topic in future work programmes of Horizon Europe and is already flagged as a key theme in Framework 10.

To support this priority, UCD has resourced a team to engage with the research community to evaluate and optimise the University's research culture, supporting both research integrity and research excellence. The team has produced a suite of reports using data collected from the 2021 baseline Research Culture Survey and a series of focus group discussions.

A comprehensive communications plan was implemented to provide targeted feedback on the survey across Units, Colleges, Schools and network groups. The next element of the UCD research culture toolkit was launched on the website providing a rich set of resources including a series of video spotlights on mentoring.

Recognising that the University is a member of a larger research ecosystem, the team hosted a conference, Research Culture – Perspectives from Ireland and Abroad, in September 2022, which led to a national conversation on research culture across Ireland. The team has also delivered a number of presentations and invited talks showcasing the initiative to national and international audiences.

UCD Strategic Research Priority Areas – Key Highlights

At UCD, our research makes a difference. We deliver research and innovation at scale and in areas of national and global significance by prioritising excellence and impact, investing in our people and providing a culture and environment in which they are supported to deliver across the University's four strategic themes:

1. **Creating a Sustainable Global Society**

2. **Transforming through Digital Technology**

3. **Building a Healthy World**

4. **Empowering Humanity**

UCD has an impressive record of leadership and achievement aligned with these themes and advances the research under each in a unified manner, with the help of the Research Partners, Proposals Support and EU Research teams.

Creating a Sustainable Global Society

Major Campaigns

With its position on the western edge of Europe, Ireland is particularly susceptible to diverse climatic conditions, having declared a national climate emergency in 2019. The 'Climate Modelling and Monitoring' campaign is harnessing UCD's research capacity and capabilities across a spectrum of sciences, utilising Artificial Intelligence and Machine Learning to address the climate emergency. The 'Food Integrity' campaign consolidates food systems expertise across the University, bringing together key

UCD has resourced a team to engage with the research community to evaluate and optimise the University's research culture, supporting both research integrity and research excellence. The team has produced a suite of reports using data collected from the 2021 baseline Research Culture Survey and a series of focus group discussions

academic, industry and government stakeholders across the island of Ireland to realise a step-change in the sustainability, security, harmony and integrity of the Irish agriculture and food system.

Research

'DIVERSICROP, led by Dr Sónia Negrão and Associate Professor Meriel McClatchie, will build an interdisciplinary network to develop a new pathway to promote underutilised crops in Europe by identifying and sharing a harmonised dataset. This COST Action is responding to urgent challenges in the food system, including the increasing need for sustainably produced nutritious food in the context of rapid population growth and agro-climatic changes.

Four UCD projects in 'Energy Innovation' have received concept funding from the €65 million SFI National Challenge Fund, which calls on researchers to identify problems related to Ireland's Green Transition and Digital Transformation and work with those directly affected to solve them.

The Department of Agriculture, Food and the Marine has invested €3 million in an integrated anaerobic digestion and green biorefining demonstration initiative. The initiative will be overseen by the Farm Zero C project which is co-led by BiOrbic, the Bioeconomy SFI Research Centre, and the Carbery Group, a cooperative based in west Cork.

Led by Dr Dimitrios Argyropoulos, 'WATSON' is an €11 million Horizon Europe project that aims to develop a set of tools and systems that can detect and prevent fraudulent practices across the food supply chain. The project will increase transparency through improved track-and-trace mechanisms containing accurate, time-relevant and untampered information on the food product throughout its whole journey. The project will be delivered by a multidisciplinary consortium of 44 partners across 19 EU and associated countries.

Expertise

Professor Shane Ward has been appointed to the EU Mission Board on Adaptation to Climate Change, with a mission to support at least 150 European regions and communities towards climate resilience by 2030. This is a great opportunity for UCD and Ireland to contribute significantly to Europe's global leadership towards climate resilience.

Professor Andrew Keane was awarded the SFI Industry Partnership Award 2022. NexSys, led by Professor Keane, brings together researchers from across the island of Ireland with key industry partners, policymakers and communities to resolve the challenges of a just transition to a decarbonised energy system. EirGrid and ESB have partnered with NexSys with a commitment to research and innovation for over 15 years.

Professor Da-Wen Sun has been named on the annual Highly Cited Researchers list from Clarivate for 2022. This is the eighth consecutive year that he has been ranked among the world's most influential researchers, reaching a new record for the number of times in receiving this prestigious award. Professor Sun has topped this list of the world's most cited researchers in the field of Agricultural Sciences.

Professor John Walsh has been elected as a member of the Royal Irish Academy. He is one of the leading international experts on geological faults and their impact on fluid flow, and was the founding Director of iCRAG, the SFI Research Centre in Applied Geosciences.

Transforming Through Digital Technology
UCD researchers are exploring and combining interdisciplinary approaches and methodologies to digitally revolutionise research across every field from medicine to philosophy.

Major Campaigns
Developing 'Space', 'Quantum' and 'Technology for Health' research are the focal points of coordinated efforts across the University under this theme. UCD C-Space, the Centre for Space Research, UCD C-QuEST, the Centre for Quantum Engineering, Science and Technology, and the AI Healthcare Hub at UCD Institute for Discovery are key enablers of strategic development in these areas.

Research Highlights
The EQUITY (Éire Strategy for Quantum Information and Technology) project, led out of UCD C-QuEST by Dr Steve Campbell, awarded last year held an early career 'Quantum Festival @ UCD' aimed at all national quantum research-focused academics. This was funded through the IRC Shared Island Initiative.

UCD C-QuEST also saw one of its founding members, Professor Bogdan Staszewski, UCD School of Electronic and Electrical Engineering, receive a €5.8 million renewal of his quantum-focused SFI Research Professorship, 'Mixed-Signal Integrated Circuits Electronics for Emerging Applications'.

Development and testing of the EIRSAT-1 Cubesat, Ireland's first satellite, has now completed. The satellite, developed by UCD C-Space, is now awaiting its launch into space with SpaceX (scheduled for November 2023). UCD C-Space provided input to the EU Space work programme this year and have received European Space Agency (ESA) funding for a mission concept study, COMCUBE-S, proposed by C-Space in collaboration with IJCLab and Clyde Space. COMCUBE-S, due to kickstart in October 2023, involves a swarm of CubeSat satellites which will help to understand the construction of the Universe and its expansion.

C-Space's Professor Sheila McBreen, UCD School of Physics, also began her project on 'Gamma Investigation of the Full Transient Sky', which is being funded by a SFI Frontiers for the Future Award

with an approximate budget of €1 million. UCD School of Physics is also now home to Ireland's first ERC Synergy Grant for STEM, awarded to Professor Padraig Dunne for the project 'HEAVYMETAL', which seeks to probe how neutron star mergers create heavy elements.

In partnership with ESA Phi-Lab, UCD led out on a successful Earth Observation (EO) Use Case Competition, *EODisrupt,* with two other institutional partners, University of Strathclyde and ENS Paris-Saclay. Applicants from each university travelled to ESA Phi-Lab in Italy to work with Phi-Lab researchers and commercialisation teams to develop strategies for commercialising their winning EO ideas.

This year also saw the establishment of a formal partnership between UCD and Northeastern University (NU) to forge stronger bonds across research and education, a partnership that was recently ratified to enable ongoing collaboration. Both institutions are now expanding on their long-standing successful undergraduate exchange programme between UCD and NU. They have also introduced a series of collaborative research strands focused on 'technologies for health', however throughout the year this has evolved to various other research disciplines across UCD's Colleges. The initial dedicated research strands include 'Digital Rehabilitation and Independent Living'; 'Biologics and Advanced Manufacturing'; 'Enhanced Post-Cardiac Surgery Outcomes'; 'Maternal Health'; and 'AI & Ethics'.

AI Healthcare Hub's flagship project, AI_PREMie (Reducing the Burden of Preeclampsia), led by Professor Patricia Maguire, is continuing to build on its impressive progress to date having won two award categories at the 2022 AI Ireland Awards: 'Best Application of AI in an Academic Research Body' and 'Best Application of AI to Achieve Social Good'.

Building a Healthy World
UCD is responding to global health challenges in cancer, infectious diseases and metabolic medicine which we approach through the lens of One Health and which are strategically aligned to national and EU priorities. UCD is driving advancements in diagnostic tools, medical devices, and digital health solutions in these key areas.

Research Highlights
Cancer: Through dedicated funding recently received under the EU Cancer Mission, the National Cancer Control Programme (NCCP), via the National Cancer Research Group led by Professor Donal Brennan, UCD and Mater Misericordiae University Hospital, and the All-Island Cancer Research Institute (AICRI), led by Professor William Gallagher, UCD Conway Institute, are working together to establish a National Cancer Mission Hub in Ireland. Stephen Donnelly TD, Minister for Health, said: "The Hub emphasises the importance of ensuring that cancer patients in Ireland receive the highest standard of care".

UCD leads in advancing personalised medicine with a number of key initiatives in cancer and beyond. This includes four recently funded projects in the childhood cancer space led out of Systems Biology Ireland (SBI). SBI in collaboration with Children's Health Ireland secured €2.35 million funding for a five-year programme entitled Molecular and Genomic Interrogation of Childhood Cancer (MAGIC-I).

Other major awards to SBI researchers include SFI Frontiers for the Future Programme awards: Professor Cormac Taylor (€950,000), Professor Walter Kolch (€1.3 million) and Dr Melinda Halasz (€614,000). Dr Oleksii Rukhlenko was awarded an SFI-IRC Pathway

Programme in this field (€567,000) and Professor Jonathan Bond is co-Principal Investigator of a new European collaborative translational research project linked to the ALLTogether Clinical Study, the largest childhood, adolescent and young adult leukaemia clinical trial ever undertaken in Europe. UCD is also taking a leading role in an EU initiative aimed at advancing personalised medicine entitled Genomic Data Infrastructure (GDI) Ireland. Professor Denis Shields, Professor of Clinical Bioinformatics at the UCD School of Medicine, shares leadership responsibilities for the European initiative.

Metabolic medicine: Two studies, led by Professor Carel le Roux, UCD School of Medicine and UCD Conway Institute, were simultaneously published in The Lancet and have played an important role in the progress towards providing drug therapy innovations to treat obesity and manage Type 2 Diabetes.

The 'BUCCAL-PEP' project, a consortium of seven partners across Ireland, Denmark, Germany, France, the Netherlands and the UK, led by Professsor David Brayden, UCD School of Veterinary Medicine, was awarded just under €3.8 million by the EU's Horizon Europe RESILIENCE programme. It aims to develop a patch worn on the cheek that delivers peptide treatments for Type 2 Diabetes. This solution could benefit the treatment of other conditions such as pain relief and certain cancers.

A functional genomics pipeline for genetic discovery in diabetic kidney disease is the focus of two Science Foundation Ireland's US-Ireland R&D Partnership Programmes with awards to Professor Catherine Godson and Professor Eoin Brennan, both UCD School of Medicine.

Infection: UCD is leading the way in understanding what worked well and what didn't during the COVID-19 pandemic with a newly developed Academic Centre in One Health. To this end, Professor Alistair Nichol, UCD School of Medicine, and his collaborators are creating a phased portfolio of multifaceted knowledge translation activities for all audiences to consolidate and translate their learnings for future pandemic preparedness.

The 'TAME' cardiac arrest trial, co-led by the Irish Critical Care-Clinical Trials Network (ICC-CTN), has just been completed. It involved over 1,700 ICU patients from Ireland and took place in 17 countries worldwide. TAME looked at a novel intervention of facilitating slightly higher carbon dioxide levels ('hypercapnia') to reduce brain injury (due to lack of oxygen) which occurs after an out-of-hospital cardiac arrest (OHCA).

Other large-scale funding in infection was provided through SFI Frontiers for the Future with the award of €1.3 million to Professor Ulla Knaus, UCD School of Medicine, for a project entitled 'Raising oxidants for immune protection in infectious disease'. Professor Noreen Sheehy, UCD School of Medicine, was awarded €600,000 for ViroSPEC, 'Developing label free spectroscopic techniques for virology', a novel analytical approach. Professor Siobhan McLean, UCD School of Biomolecular and Biomedical Science, was awarded €387,000 through Enterprise Ireland for her project on EncOVac Encapsulated Oral Vaccine Platform for Melioidosis & Enteric Pathogens.

Empowering Humanity

The UCD Centre for Irish Towns implemented a community project, 'Ripple', in Ballina that focused on mitigating climate change through the transformation of neglected green spaces into a 'Paradise Garden'. The project was shortlisted for a prestigious New

Dr Jennifer Keating, UCD School of History.

European Bauhaus prize. The competition highlighted 'beautiful, sustainable and inclusive projects' from across the EU and western Balkan states. Ripple went on to win the Connecting with Nature category in the champions strand and was one of 12 prizes awarded by the judges from the 61 finalists and 1,458 applications and the first ever Irish entry to win the award.

In August 2023, Dr Flavia Santos, UCD School of Psychology, and her colleagues, Dr Klaus Conrad and Akir Eaelag were awarded a grant from the European Commission and Léargas under the EU Erasmus Plus program for their Enigma Project as part of the European Solidarity Corps initiative.

Dr Shane Bergin, UCD School of Education, received the prestigious 2023 Leonardo da Vinci International Award from European Rotary Clubs in recognition of his interdisciplinary scholarship, particularly his efforts to engage the public with science. Dr Bergin's work has elevated public discourse on science, exploring themes of trust, creativity, and interdisciplinarity.

Professor Joanna Brück, UCD School of Archaeology was elected as a Member of the Royal Irish Academy (MRIA) in March 2023.

Professor Aisling Swaine, a leading figure in Gender Studies at UCD School of Social Policy, Social Work and Social Justice, secured a European Research Council (ERC) Consolidator Grant worth €2 million for her project 'GENCOERCTRL'.

The UCD College of Social Sciences and Law organised a research showcase in April 2023 titled, 'Advancing and Transforming Society Through Digital Technologies'. The event highlighted ongoing research on the transformative power of digital technologies in shaping society.

Dr Jennifer Keating, UCD School of History, was awarded €1.5 million for her project, 'Land Limits,' which explores the interconnected history of population growth, environmental change, capitalism, and conflict in Russian Eurasia from the 1860s to the 1920s.

Dr Fiona Freeman, UCD School of Mechanical and Materials Engineering.

The National Academy of Social Sciences UK honoured Professor Judith Harford, UCD School of Education by elevating her to the rank of Fellow, recognising her outstanding contributions to social science. Professor Harford was the only scholar to be elected from Ireland among the Academy's 47 newest Fellows and was one of only four recognised from outside the UK. Also, Judith was awarded Irish Research Council Ulysses funding where she will collaborate with Professor Rebecca Rogers on 'Women, Agency & the Promotion of Franco-Irish Cultural Relations, 1850-1950'.

In addition, Dr Emma Farrell was elected Co-Chair of the RIA Young Academy of Ireland at the second general assembly of the Royal Irish Academy. Professor Ian O'Donnell received the US Criminology Book Award for his book titled, 'Prison Life: Pain, Resistance, and Purpose.'

Professor Cathryn Costello was appointed as Full Professor of Law at UCD Sutherland School of Law, recognising her expertise in international refugee and migration law. Dr Irial Glynn, UCD School of History, received €2 million in funding for his project titled 'SOS,' which investigates the history of boat refugees since the 1940s. This project asks who hinders and who helps asylum seekers on their journeys, and why.

Researcher Dr Claudia Dellacasa, UCD School of English, Drama and Film was the winner of the Maurice J Bric Medal as the top ranked postdoctoral fellow in the Arts, Humanities and Social Sciences under the Irish Research Council's 2022 Government of Ireland scheme. Dr Dellacasa was given the award for her project 'Intersectional Eco-Polyphony: Cross-Cultural and Cross-Species Dialogues in Contemporary Women's Writing (1960s-2020s)'.

Professor Robert Gerwarth was honoured with the prestigious IRC Researcher of the Year Award and Professor Margaret Kelleher became a Fellow of the Cullman Center at the New York Public Library.

Professor Wolfgang Marx, UCD School of Music was appointed as the President-Elect of the Society for Musicology in Ireland and Dr

Ríona Nic Congáil, UCD School of Irish, Celtic Studies and Folklore, along with Dr Fiona Smyth from the Department of Art History and Cultural Policy, became inaugural members of the Young Academy of Ireland at the Royal Irish Academy.

Dr Penelope Muzanenhamo, UCD College of Business, was awarded Paper of the Year 2023 by the Journal of Human Relations for her research titled 'Epistemic injustice and hegemonic ordeal in management and organisation studies: Advancing Black scholarship'. Dr Muzanenhamo co-authored this award-winning research with Professor Rashedur Chowdhury, University of Essex, UK. They both received Human Relations Paper of the Year 2023 award at the Academy of Management 83rd Annual Conference in Boston, Massachusetts. She was also selected to the Empower 100 Future Leaders Role Model List which celebrates inspirational individuals who are driving the inclusion of people of colour across organisations.

Research Institutes

In addition to contributing across the University's four strategic themes outlined above, UCD's Research Institutes deliver crosscutting programmes and events to further enhance the knowledge base, research ecosystem and impact of UCD, some of which are outlined below.

UCD Conway Institute
Research
Professor Breandán Kennedy led an international research study involving Irish and Spanish patients that revealed a candidate drug and biomarker, which may be used to manage uveal melanoma. Dr Fiona Freeman published research findings on a novel combination of gene therapy and chemotherapy that may provide new treatment options in osteosarcoma. Dr Nicola Fletcher, who has been monitoring the Phoenix Park deer in Dublin for the presence of SARS-CoV-2 since 2020, discovered that they are the first in Europe to be infected with the COVID-19 virus, most likely a result of regular human contact. Associate Professor Rory Johnson published research showing, for the first time, that cancer-promoting ('driver') mutations can also occur in the noncoding part ('dark') of the genome, enabling cells to become fitter or more aggressive.

Innovation
Associate Professor Siobhán McClean received the 2023 NovaUCD Licence of the Year Award in recognition of inventing a vaccine candidate for melioidosis, a potentially fatal tropical disease. Associate Professor Eoin O'Cearbhaill received the 2023 NovaUCD Innovation Champion of the Year award for longstanding efforts to bring medical devices from concept through to clinical use.

Expertise
Professor Walter Kolch received the SFI Mentorship Award 2022, having supervised over 50 postdoctoral researchers and over 40 doctoral students to date. Emeritus Professor Des Higgins received the Lennart Philipson Award in recognition of his major contributions towards enabling bioinformatics technologies based on multiple sequence alignment as part of the 2023 EMBL Alumni Awards.

Funding Awards
Dr Eoin Brennan, Professor Catherine Godson and Professor Brian Rodriguez received awards under the US-Ireland R&D Programme

Cabinteely Community School students, Alexandra Taite and Maria Sokolova participate in CuriosiTY, a transition year placement programme to broaden participation in STEM.

funding for research on diabetic kidney disease and low power computing elements. Dr Fiona Freeman was awarded a prestigious European Research Council (ERC) 2023 Starting Grant valued at €1.5 million to develop a lung METAstasis-on-a-CHIP model for osteosarcoma as a biomimetic testing platform for drug discovery and therapeutic innovation. Professor Dimitrios Zeugolis received an ERC Proof of Concept grant valued at €150,000 to explore the commercial or societal potential of research on advanced therapy products and medical devices for injuries and degenerative conditions.

Public Engagement, Involvement and Outreach
Professor William Gallagher led a Choirs for Cancer 2023 event on World Cancer Day (4 February) that featured Jack Lukeman, Mairead Ni Mhaonaigh, Anne Randolph, Celine Byrne, Sive and six choirs from around Ireland in a musical tribute to those whose lives are touched by cancer. Two of the performing choirs, namely Sea of Change and Sing for Life Choir, were comprised entirely of cancer survivors.

UCD Conway Institute with Systems Biology Ireland received funding from Science Foundation Ireland for CuriosiTY, a transition year placement programme to broaden participation in STEM. CuriosiTY will provide places for 192 pupils to experience research life at UCD over the next two years and will support public engagement training to 60 postgraduate researchers. It involves targeted measures to ensure pupils from DEIS designated schools linked with UCD and schools in areas of geographical disadvantage linked with the Amgen Biotech Experience Ireland programme can participate.

The Patient Voice in Cancer Research initiative continued to bring unique patient perspectives to priority setting, proposal development and project delivery through in-person events.

UCD Institute for Discovery
Innovation in Healthcare
The Institute continued its strategic focus on AI in Healthcare with the AI Healthcare Hub continuing to flourish. Its flagship project AI_PREMie was named in the UN Global Top 100 list for projects using AI to solve the SDGs and won the Social Impact Award at the Analytics Institute of Ireland AI and Analytics Awards.

Professor Patricia Maguire, Director, UCD Institute for Discovery, led the successful campaign for UCD's membership of NAIXUS, a global network of Artificial Intelligence Excellence Centres focused

Performers at the Choirs for Cancer event on World Cancer Day, February 2023.

on Sustainable Development. The UCD AI Healthcare Hub also received funding through the Department of Enterprise, Trade and Employment's Disruptive Technology Innovation Fund.

The Institute launched the Human Health, Impact and Technology Series (#HHITseries), an interview series exploring emerging research in AI and healthcare. Hosted by Professor Maguire, guests included Dr Ronan Glynn, Health Sector Lead for EY Ireland and former Deputy Chief Medical Officer at the Department of Health, and Professor Aaron Quigley, Director of Science, CSIRO Data61, the data and digital specialist arm of Australia's national science agency.

Promoting Early Career Researchers

Through our Rising Stars Programme, the Institute continued to recognise and promote exceptional early career researchers who work in an interdisciplinary field, for their potential as future research leaders. Over the past year, we have featured eleven Rising Stars who work in areas as diverse as explainable AI, mental healthcare technologies and atherosclerosis. UCD Institute for Discovery also continued to highlight and promote interdisciplinary research stories from across the University through our Stories of Discovery programme. In the past year, we featured ten emerging research stories in areas such as 3D printing in healthcare, gender equity in architecture and the transformation of Irish farming.

UCD Earth Institute

The UCD Earth Institute carries out environmental and sustainability research. It works to foster and support new interdisciplinary research communities which aim to address local, national and global challenges. New projects and supported initiatives for 2022/23 have focused on data centres and urban agriculture, just transitions, transport, cultural landscapes and social spaces.

Citizens' Assembly on Biodiversity Loss

The Recommendations and Report of the Citizens' Assembly on Biodiversity Loss, the first such national citizens' assembly anywhere in the world, was published in April 2023. It contains over 150 recommendations that aim to dramatically transform Ireland's relationship with the natural environment.

The Assembly was chaired by Dr Aoibhinn Ní Shúilleabháin, UCD School of Mathematics and Statistics. Amongst its expert contributors were Professor Tasman Crowe, UCD Vice-President for Sustainability, a member of the Expert Advisory Group; Associate Professor Elva Johnston, UCD School of History; Professor Mary Kelly-Quinn, UCD School of Biology and Environmental Science; Associate Professor Mick Lennon, UCD School of Architecture, Planning and Environmental Policy; and Associate Professor Helen Sheridan.

The process concluded with the 99 members of the Assembly agreeing 159 recommendations. Central to these recommendations is the need for the State to take prompt, decisive and urgent action to address biodiversity loss and restoration and to provide leadership in protecting Ireland's biodiversity for future generations.

Earth Institute Showcase

Held every three years, the UCD Earth Institute Showcase celebrates the work of the UCD environmental and sustainability research community. This year, the Institute also hosted its inaugural Earth Institute Awards to recognise the achievements of members of the

Institute community. Awards were made for interdisciplinary collaboration, early career research, communication skills, and good research citizenship as well as two special awards for long service and contribution to members of the Institute community retiring in 2023.

UCD Community of Practice for Citizen Science

The UCD Earth Institute, in collaboration with the UCD Library, launched a new UCD Community of Practice for Citizen Science in February. Citizen science encompasses a wide variety of activities and practices that recognises non-professionals as valued and empowered actors in advancing knowledge, research and innovation.

UCD Energy Institute

This year, the UCD Energy Institute has continued to grow its impact and research programmes of scale in critical areas of energy transition.

NexSys Research Programme

NexSys, an all-island, multidisciplinary energy research programme hosted at the UCD Energy Institute, in partnership with University College Cork, Trinity College Dublin, ESRI, Dublin City University, Queen's University Belfast, University of Galway, Maynooth University, and Ulster University, commenced in early 2022. This year has seen the team grow to more than 100 members, with fundamental, engaged and targeted research projects underway in Energy Systems Water-Energy nexus; Transport, Cities and Communities; and Offshore Wind.

NexSys's industry partnership is a core component of the programme, as well as engagement with a wide range of policymakers and stakeholders. UCD Energy Institute researchers organised a large research congregation of offshore wind researchers in Ireland through its renewable energy workshop in May led by Abdollah Malekjafarian and Vikram Pakrashi and attended by policy and industry practitioners in onshore and offshore wind. In February, the Energy Institute and NexSys collaborated with UCD Foundation and the British Embassy to hold an event in the British Ambassador's Residence titled 'Renewable Energy: Ensuring Integration into the Energy System'. In recognition of impactful industry partnerships through NexSys and its preceding programme ESIPP, Professor Andrew Keane was awarded the 2022 SFI Industry Partnership Award.

Engagement, Involvement and Outreach

Institute members have engaged with schoolchildren, the general public and specific community groups through in-person events, consultation groups, and print, online, radio and television media appearances. This engagement has been focused on energy security, renewables, transport solutions for rural and urban areas, carbon emissions from the built environment, the Just Transition, and much more. Institute members have also engaged directly with policymakers, providing expert insights. One such highlight was the 2022 Oireachtas Science Week seminar delivered by Professor Andrew Keane, Director of the UCD Energy Institute. Dr Sarah Cotterill's research and policy brief for An Foram Uisce on how Ireland can conserve water was highlighted by UCD Research.

Funding Awards

Professor Eoin Casey's ERC Advanced Grant for 'Analysis of Biofilm Solid Interactions Underpinning Wastewater Treatment' commenced this year. EMPowER, a research programme funded by the Department of Environment, Climate and Communications, has received a second term of funding.

Other funding highlights for Energy Institute members include Professor Francesco Pilla's Horizon Europe Clusters grant for 'Trends in Global Governance and Europe's role'; Dr Eleni Mangina's Horizon Europe Clusters grant for 'Hybrid Services from advanced thermal energy storage systems'; Dr Geertje Schuitema's Horizon Europe – EIC grant for 'Blueprint demonstration for co-created effective, efficient and resilient networks of Marine Protected Areas'; and Dr Eoin Syron's Intertrade Ireland grant for 'Carbon free electrocoagulation in wastewater'.

Expertise

Institute members continue to be recognised for their contribution to their fields. Dr Abdollah Malekjafarian and Dr Stefan Mueller were admitted to the Royal Irish Academy's Young Academy of Ireland – a recently formed network for early career researchers and innovators aimed at fostering equality, diversity and inclusion and developing networks and skills. Dr Margaret Samahita and Professor Lisa Ryan became members of the Irish Society for Women in Economics (ISWE), a new association aimed at increasing women's visibility in economics in Ireland.

UCD Institute of Food and Health
Funding and Impact

From a research funding perspective, the Institute had a very successful year, particularly in relation to its funding through the European Horizon programme. To support its ongoing and future success, a new research support manager was appointed. The Institute also held an Early Career Researcher Mentoring Programme to support researchers in navigating the various funding agencies and research programmes and supports, with expertise, perspectives and insights from Principal Investigators within the Institute.

The continuing impact of the Institute's research was demonstrated through its contribution to the FSAI scientific report on 'Vitamin D Nutrition for People aged 5 to 65 Years in Ireland'. The report will now inform the Department of Health's national guidelines on how to achieve optimal vitamin D nutrition in people aged 5–65 years.

The membership of the Institute grew significantly in 2022/23 with the appointment of eight new members including Professor Saskia van Ruth who has joined the Institute as Full Professor of Food Supply Chain Integrity.

Expertise

Throughout the year the expertise of the Institute's members was recognised through their contributions to high-level international committees, publications and events. Professor Dolores O'Riordan was appointed as President of the European Federation of Food Science and Technology (EFFoST) in November 2022.

> From a research funding perspective, the Institute had a very successful year, particularly in relation to its funding through the European Horizon programme

Pictured at the 'Renewable Energy: Ensuring Integration into the Energy System' event at the British Ambassador's Residence are Paul Johnson, British Ambassador to Ireland; Triona McCormack, UCD Director of Research; Prof Andrew Keane, Director of NexSys and the UCD Energy Institute; and James O'Hara, Project Director for SSE Renewables.

Led by Professor James Lyng and Professor Dolores O'Riordan, the Institute hosted the EFFoST Scientific Conference in the Aviva Stadium in November 2022. Over 700 delegates and speakers attended the conference

Events

Led by Professor James Lyng and Professor Dolores O'Riordan, the Institute hosted the EFFoST Scientific Conference in the AVIVA Stadium in November 2022. Over 700 delegates and speakers attended the conference, which was opened by Martin Heydon TD, Minister of State with responsibility for Research and Development, Farm Safety, and New Market Development.

In March, the Institute hosted the event, 'Food and the Circular Economy'. The workshop under the Institute's 2022 Strategic Bursary Scheme, brought together researchers and industry in the field of the circular economy to discuss their experiences in the area and to foster multi-disciplinary collaborations.

The Institute held its second Research Showcase Day in December under the theme, 'Challenges and Solutions for Modern Food Systems'.

UCD Geary Institute for Public Policy
Research

The UCD Geary Institute hosted Dr Altaf Hossain's MSCA fellowship, a research program that delves into housing precarities experienced by South Asian migrants in Dublin.

EU Commissioner, Mairead McGuinness MEP at the launch of the Horizon Europe Funded BioBe project led by UCD's Assoc Prof Tom Curran.

This project commenced in 2023 and aims to provide valuable insights into the challenges faced by this community. Our Horizon Europe project, "EQUALSTRENGTH," led by Dr Mathew Creighton, began on 1 April. This project is a collaborative effort with partners from ten European institutions. Its primary objective is to investigate discrimination against ethnic, racial and religious minorities. By addressing these pressing issues, we aim to contribute to a more equitable and inclusive society.

Preparing for Life (PFL), a community-led initiative, made a return with ongoing research that focuses on assessing its impact on children at the age of 13. This initiative, which began in 2008,

Prof Dolores O'Riordan, Minister of State Martin Heydon TD and Prof Jim Lyng at EFFoST event in November 2022.

Professor Michelle Norris's role on the Commission on Housing is a testament to the UCD Geary Institute's commitment to addressing the housing challenges in Ireland. This involvement underscores its expertise and dedication to shaping housing policies

highlights the importance of early investments to break the cycle of disadvantage and provide a brighter future for young people. The Institute continued its involvement in the European Social Survey, taking the lead in the Irish module for round 11.

SOHAM Lab
The Institute proudly hosted the 'Sociology of Humans and Machines' (SOHAM) Lab. This research facility explores the dynamics and governance of hybrid societies. Launched in October 2022, the lab is funded by Science Foundation Ireland and takes a holistic approach to understanding and guiding the development of these evolving societal ecosystems.

Seminars and Conferences
The Geary Seminar Series continued to be a platform for diverse speakers and topics and featured discussions on critical issues, including child and youth mental health, labour market integration and more. These events facilitated in-depth conversations on policy related topics and provided a forum for interdisciplinary collaboration. The Geary Institute Research Skills Initiative (GIRSI) played a crucial role in providing valuable training for UCD staff and students. This initiative offered masterclasses covering various research methods, tools, and professional skills, enhancing the research capabilities of our academic community.

Policy Engagement and Analysis
Professor Michelle Norris's role on the Commission on Housing is a testament to the UCD Geary Institute's commitment to addressing the housing challenges in Ireland. This involvement underscores the Institute's expertise and dedication to shaping housing policies.

The Institute's involvement in the Irish Government Economic Evaluation Service (IGEES) External Advisory Committee reflects our role in providing expert advice on economic evaluation and its impact on government policies. Publicpolicy.ie, hosted by the Institute, published a record 26 policy-related research papers during the year. These papers examined a wide range of topics, contributing to informed and contemporary debates about public policy in Ireland.

The Geary Institute served as ESPAN respondents for Ireland, actively participating in producing four reports for the European Commission during 2022/23. This involvement reflects our dedication to contributing valuable insights to social policy analysis at both the national and European levels.

UCD Humanities Institute
Research Engagement
2023 saw the implementation of the transnational research project,

Post-extractivist legacies and landscapes: Humanities, artistic and activist responses, PIs: Professor Anne Fuchs and Co-PIs: Dr Megan Kuster and Dr Sarah Comyn, funded by the Andrew Mellon Foundation under the auspices of the Consortium of Humanities Centers and Institutes. The three-day Pre-Institute took place in April 2023 at Tallinn University with 26 scholars from the core partner institutions, Irish and Estonian artists, local miners, community-level politicians, and expert regional cultural guides.

In July 2023, the Institute delivered the Main Institute with presentations by 62 international academics and artists across five days, with over 80 participants and 75 online attendees. An arts evening in MoLI launched the event with eight artists and creative writers presenting original work. The project artist Judy Carroll Deeley displayed her new work and gave a presentation on her artistic response to the post-extractivist landscapes of Estonia. UCD Estates agreed to purchase four of Judy Carroll Deeley's paintings for the UCD art collection.

The Institute also launched a co-commissioned sound installation by Ian Maleney and announced the winners of a student zine competition. The Main Institute concluded with site visits to the Abbeyleix Community Bog Project, Glendalough Mines and the National Museum of Ireland. The final Institute takes place at the Wits Institute for Social and Economic Research, University of Witwatersrand, South Africa in November 2023 with delegates from all partner institutions. We are currently exploring new funding opportunities to build on this rich practice-based research.

The *Transnationalising the Humanities* Research Strand was also very active: In March the Institute ran a seed funding competition, selecting the following five projects: 'Eurasian Zones of Contact' by Dr Jennifer Keating; 'Early Modern Italians in Ireland' by Professor Jane Grogan; 'The Cultural and Political Implications of Artistic Residency' by Dr Joe Twist; 'Multilingualism in Ireland' by Dr Stephen Lucek; and 'Diaries in the 20th Century: Testimony, Memory, and Self-Construction' by Dr Valerie Taddei and Dr Mara Josi.

Seminars and Conferences
In March 2023, Dr Vanessa Iacocca, IRC Government of Ireland Postdoctoral Fellow organised a symposium titled 'Transnationalising the Classroom' with roundtable discussions and papers on experimental pedagogies. In April the TNH strand ran a PhD masterclass and roundtable with Professor Gunnþórunn Guðmundsdóttir, University of Iceland on Cultural Memory.

Another highlight was the PhD Conference on 19 May on the topic of 'Crisis: Resistance, Rupture, Renewal' with Dr Treasa de Loughry as keynote speaker.

The Lunchtime Seminar Series is a non-hierarchical bi-weekly event, designed to enable transdisciplinary dialogue between scholars at all career stages: in 2022-23 it featured 12 papers delivered by resident scholars, Visiting Fellows and academic members.

Public Outreach
The podcast series continues to expand: hundreds of podcasts (available on Spotify, Soundcloud and iTunes) attract a local, national and international audience, with over 166,000 plays/downloads.

Innovation

UCD is committed to its key role in Ireland's innovation and knowledge exchange ecosystem as an enabler of economic growth and as a contributor to economic, cultural and social development.

We support this commitment through our innovative and entrepreneurial students and graduates, the development of partnerships with businesses, Government agencies and social and cultural enterprises, the commercialisation of research outputs, generating, supporting and scaling new ventures and established companies with global ambitions, and creating jobs.

A key development during the year was the start of construction of a new €4.8 million state-of-the-art facility incorporating the AgTechUCD Innovation Centre and the UCD Bimeda Herd Health Hub at UCD Lyons Farm in Co Kildare. Funding for the new facility has been provided by Enterprise Ireland, through the Regional Enterprise Development Fund, a philanthropic donation from Bimeda to the University through UCD Foundation, and UCD.

Another significant development was the signing of a Memorandum of Understanding by UCD, Enterprise Ireland and the Embassy of France in Ireland establishing a new International Technical Expert role, based at NovaUCD, dedicated to strengthening Innovation and Applied Research links between France and Ireland.

The inaugural NovaUCD Investor Day took place during the year at which a number of NovaUCD companies, which between them are seeking to raise in excess of €100 million in Seed or Series A funding, pitched to an invited audience of venture capitalists and private investors.

In June Dr Pat Frain, the founding Director of NovaUCD, planted an oak tree to commemorate the 20th anniversary of the official opening of NovaUCD, at an event attended by the NovaUCD sponsors and representatives of the UCD research and entrepreneurial community. Since 2003 NovaUCD has supported over 550 start-ups and early-stage ventures and the NovaUCD entrepreneurial community has now raised over €1.3 billion in equity funding to date.

Update on New Initiatives and Programmes

NovaUCD has been actively expanding its accelerator programme initiatives, and an exciting new development in the last year is a collaboration with CeADAR, Ireland's National Centre for Applied AI, to develop an AI Accelerator Programme, with funding from the European Digital Innovation Hubs. This tailor-made initiative is being designed to empower early-stage AI start-ups with the resources and guidance needed to refine and advance their AI-based projects, ultimately preparing them for investment opportunities.

During the past year, NovaUCD's collaboration with ESA BIC Ireland has proven to be a catalyst for significant developments

During the year Dr Pat Frain, founding Director of NovaUCD, planted an oak tree to commemorate the 20th anniversary of the opening of NovaUCD. Pictured (l-r) at NovaUCD are: Tom Flanagan, UCD Director of Enterprise and Commercialisation; Prof Helen Roche, interim Vice-President for Research, Innovation and Impact; and Dr Pat Frain.

and advancements for space-related ventures. Four new start-ups, in sectors ranging from sports-tech to manufacturing to 3D printing to atomic clocks, were approved for the ESA BIC Ireland programme at NovaUCD.

A key highlight during the year was hosting the inaugural ESA BIC Ireland Showcase at NovaUCD which was attended by Neale Richmond TD, Minister of State at the Department of Enterprise, Trade and Employment. The showcase celebrated the achievements of the 29 companies that have taken part in the incubation programme to date and demonstrated the breadth of space tech activity in Ireland. These companies have raised €37 million in equity funding and employ 165 people.

The 2022 New Frontiers Programme run by IADT Media Cube in partnership with NovaUCD, was completed by twelve start-ups. In the first six months since completing the programme these start-ups have collectively secured just over €930,000 in follow-on financial support or funding, and created 19 full-time and two part-time jobs together with 15+ internship positions with national and international students. In addition, the start-ups have entered new export markets in the UK, Portugal and Germany.

The 2023 New Frontiers Programme was also completed during the year during which the participating entrepreneurs completed an intensive six-month journey, involving a series of commercial workshops and benefited from invaluable mentorship, which has played a pivotal role in shaping and elevating their business concepts. Following final pitches to a judging panel, four of the participating start-ups, Assiduous, Snappie, Push Me and AI Interpreting, were announced as winners.

The NovaUCD Mentors and Business Partners Network has continued to grow and the network now has over 150 members. The commercial and professional members provide mentoring and advice to students and researchers who are seeking to develop start-up ideas at the early stage and in several cases, collaboration develops into partnerships with members becoming investors and executives in the maturing start-up businesses.

The NovaUCD and UCD Lochlann Quinn Business School Enterprise Scholarship is now in its fifth year. This scholarship allows a student the opportunity to complete a year-long internship with two NovaUCD start-ups. This programme recognises the distinct value students gain from working in this sector, particularly a student with a genuine interest in entrepreneurship and potentially an ambition to start their own business.

In addition, the NovaUCD Founder's Programme included workshops with Microsoft, Davy, InterTradeIreland and EIT Digital. Other events held during focused on topics such as managing a successful business exit, managing finances, mastering boardroom communications and designing clinical trials, and R&D strategy and fundraising.

Commercialisation of Research Outputs

Through UCD's knowledge transfer team based at NovaUCD, researchers from UCD and the National College of Art and Design are assisted with the identification and protection of intellectual property (IP) arising from research programmes and extending to the commercialisation of IP through licensing to companies and through the formation of spin-out companies.

During the year UCD researchers reported a total of 76 inventions. In addition, 18 priority patent applications were filed by UCD across areas of agriculture and food, energy, engineering, environment, information and communication technology, life sciences and veterinary medicine. Twenty-two licence agreements were also concluded by UCD with a range of indigenous and international companies.

Six new UCD spin-out companies, Giyst Ltd; InfraPrint Ltd; La Casa Care Ltd; NanobOx Ltd; Picoglaze Ltd and Privamed Ltd were incorporated, registered and formally reported during the year.

ConsultUCD

Through ConsultUCD, the University's managed consultancy service, members of the UCD academic community can share their expertise and knowledge with external organisations. Consultancy is one way in which academics can demonstrate the impact of their research. Since ConsultUCD was established in 2017 more than 130 academics, from over thirty UCD Schools, have engaged in external consultancy.

Assistant Professor Judy Walsh, UCD School of Social Policy, Social Work and Social Justice, applies an interdisciplinary approach to interrogating the field of equality and human rights law.

During the year through ConsultUCD she worked with Human European Consultancy, a consultancy firm based in the Netherlands that specialises in complex, international projects in the fields of human rights, equal treatment and non-discrimination, and the Migration Policy Group (MPG). MPG is an NGO based in Belgium, which is an independent think-and-do-tank setting the agenda on integration, migration and anti-discrimination.

Dr Walsh provided input as a legal expert for non-discrimination to an EU-funded project being managed by Human European Consultancy, MPG and Utrecht University. The project involved preparing a country report and inputs to thematic reports as the representative for Ireland on the European network of legal experts in gender equality and non-discrimination.

Also, during the year Assistant Professor Karen Keaveney, UCD School of Agriculture and Food Science, provided expertise to two projects with O'Keeffe Social Research, a research consultancy based in Co Kerry.

Dr Keaveney is a founding member of UCD Centre for Irish Towns, and she contributed her advice to the independent external evaluation of the Innovating Communities project, which was a LEADER Co-operation project, based in the Border Region. Initial findings from the evaluation were presented at a showcase event in April in Co Monaghan.

Dr Keaveney is also contributing her expertise to a longitudinal socio-economic evaluation study on the conservation of corncrakes. Corncrake LIFE is a new project working with farmers and landowners to improve habitat for corncrakes in the Special Protection Area network and surrounding farmland in coastal areas of Galway, Mayo and Donegal.

Partnering with Industry

UCD has a strong track record of working with industry and seeks strong and strategic engagement with business and with social and cultural enterprises; adding value, expanding networks and exploring new opportunities to deliver impact through partnership.

Our innovation ecosystem includes large-scale industry collaborative programmes such as SFI-funded Centres and Strategic Partnerships, and Enterprise Ireland-funded and industry-led technology centres.

Over 70 companies, ranging from early-stage high-tech start-ups to established innovation-led companies, are NovaUCD clients at any one time. These companies, which cover sectors from agriculture and food to life sciences to ICT to physical sciences, engineering and cleantech, are primarily based at NovaUCD or NexusUCD, or have located elsewhere on campus in order to collaborate more closely with UCD.

NovaUCD Support Programmes

The NovaUCD team also supports researchers in the commercialisation of IP outputs through a series of training programmes and workshops, including NovaUCD Roadshows, UCD Commercialisation Bootcamps and the VentureLaunch Accelerator Programme. NovaUCD also supports the development of student entrepreneurial talent through the BT Young Scientist Business Bootcamp and the NovaUCD Student Enterprise Competition.

NovaUCD Roadshows

Roadshow events were held in UCD Conway Institute; UCD School of Agriculture and Food Science; SFI Centre for Research Training in Foundations of Data Science; I-Form, the SFI Research Centre for Advanced Manufacturing; iCRAG, the SFI Research Centre in Applied Geosciences; and BiOrbic, the SFI Bioeconomy Research Centre.

The NovaUCD Roadshows are focused on raising awareness in the research community of the supports provided by NovaUCD and to provide an overview of the supports available to help in the commercialsiation of their research outputs.

UCD Commercialisation Bootcamp

Participants in this year's Commercialisation Bootcamps represented a total of five potential commercial projects emerging from research taking place at UCD. The overall aim of the Bootcamps is to strengthen the pipeline of commercial opportunities arising from programmes.

MetHealth Wins 2022 UCD VentureLaunch Accelerator Programme

MetHealth an early-stage start-up focused on transforming obesity care, won the 2022 UCD Start-Up of the Year Award.

The presentation of the Award took place as part of the inaugural NovaUCD Investor Day event. At this event some 27 NovaUCD client companies, which between them are seeking to raise in excess of €100 million in Seed or Series A funding, pitched to an invited audience of venture capitalists and private investors.

MetHealth won the Award and a €30,000 prize fund after being declared overall winner of the 2022 UCD VentureLaunch Accelerator Programme. The annual Programme, which is run by NovaUCD,

Pictured at NovaUCD is Dr Fiona McGillicuddy, UCD School of Medicine, and MetHealth project lead, overall winner of the 2022 UCD VentureLaunch Accelerator Programme.

aims to support the creation and launch of sustainable and profitable new start-ups emerging from the University.

MetHealth is developing a biomarker-based risk-stratification platform and associated digital health solution that can identify patients with complications of obesity, including liver disease. The platform supports clinical decision making and enhanced delivery of personalised care for individual patients.

The members of the MetHealth team are: Dr Fiona McGillicuddy, who took part in the VentureLaunch programme; Professor Stephen Pennington, UCD School of Medicine and UCD Conway Institute; Associate Professor Catherine Mooney, UCD School of Computer Science and UCD Conway Institute; Dr Rachel Byrne, UCD School of Medicine; Dr Anna Antoniadi, UCD School of Computer Science; and Aleksandra Dudzik, UCD School of Medicine.

The Customer Discovery Programme also took place this year in advance of the VentureLaunch Accelerator Programme. This programme supports research teams in making contact with prospective trial partners for their innovations to validate the value propositions. During the programme interns from the UCD Michael Smurfit Graduate School of Business work closely with the start-up team to identify a critical mass of prospective customers for the start-up's product or service.

2023 BT Young Scientist Business Bootcamp

A team of five students were declared the overall winners of the 2023 BT Young Scientist Business Bootcamp held at UCD for a project entitled 'NutriSoil'. This project is examining the long-term effects of a more sustainable method of keeping nutrients in the soil as an alternative to an artificially made granule.

The BT Young Scientist Business Bootcamp, now in its fourteenth year, was established by BT Ireland in 2010 and is delivered in partnership with NovaUCD to give students the commercialisation

skills they need to develop their BT Young Scientist and Technology project ideas into viable business ventures.

A total of 30 students took part in this year's four-day Bootcamp.

2023 NovaUCD Student Enterprise Competition

The NovaUCD Student Enterprise Competition, an intensive four-week mentoring programme for student entrepreneurs, took place during the year. The programme is now in its ninth year and is run as a framework to support undergraduate and postgraduate students who want to work together to develop and grow start-ups.

A total of nine early-stage students ventures and eighteen participants took part in this year's competition. Over 70 early-stage ventures and some 170 students have now completed the NovaUCD Student Enterprise Competition over the last nine years.

Following a series of pitches to a panel of judges, exVal, an emerging MedTech start-up, was declared overall winner and won a €5,000 cash prize. exVal is focused on addressing the issue of early detection of childhood pneumonia as it continues to be a leading cause of death in children under the age of five, especially in the developing world. exVal's solution is a portable, modular device for fast and early detection of pneumonia using an electrochemical sensor that detects relevant biomarker proteins in exhaled breath condensate.

The members of the exVal team, all students in the UCD College of Engineering and Architecture are Sarthak Jain, a postgraduate Biomedical Engineering student along with Simon Peter and Nathan Hens, both undergraduate engineering students.

Two other participating ventures, AceCell and PromiseWatch, were announced as second and third place winners and received €3,000 and €2,000 cash prizes respectively.

The sponsors of the 2023 NovaUCD Student Enterprise Competition were: AIB, AMD, Arthur Cox, Deloitte, Ericsson and Goodbody.

AgTechUCD Innovation Centre

In September a €4.8 million development project to construct a new state-of-the-art facility incorporating the AgTechUCD Innovation Centre (ca. 890 sqm) and the UCD Bimeda Herd Health Hub (ca. 120 sqm) at UCD Lyons Farm commenced.

Funding for the facility is being provided by Enterprise Ireland, through the Regional Enterprise Development Fund, UCD and a philanthropic donation from Bimeda, a global manufacturer and distributor of veterinary pharmaceuticals and animal health products, through the UCD Foundation.

The focus of the AgTechUCD Innovation Centre is to promote and accelerate early-stage start-ups and SMEs with disruptive innovations in the agri, agtech, agrifood and veterinary sectors, as they build their innovative businesses into leading enterprises creating jobs. AgTechUCD also runs an annual accelerator programme dedicated to agtech and agri-food start-ups and SMEs and provides incubation space for start-ups at the early and scaling stages of development.

The establishment of the UCD Bimeda Herd Health Hub will provide a national facility for dairy herd health education, research and consultancy and will support the delivery of state-of-the art training to undergraduate and postgraduate students in the UCD School of Veterinary Medicine.

AgTechUCD Agccelerator Programme

During the year eleven start-ups completed the second AgTechUCD Agccelerator Programme. This intensive 12-week programme for AgTech and FoodTech start-ups, included dedicated business development workshops and investor readiness training, mentoring from AgTech and FoodTech experts and business advisors, guest

Pictured (l-r) are: Erica O'Brien Murray, Julian Lewandowski, Sean Allen, Alanna Hayes and Rosheen Sharma, overall winners of the 2023 BT Young Scientist Business Bootcamp, delivered by BT Ireland in partnership with NovaUCD, for a project entitled 'NutriSoil'. This project is examining the long-term effects of a more sustainable method of keeping nutrients in the soil as an alternative to an artificially made granule.

speakers and facilitated introductions to AgTechUCD's venture capital and business angel networks.

At the end of the programme and following a series of final pitches to the AgTechUCD Agccelerator Programme judging panel, MyGug was named the AIB and Yield Lab AgTech Start-up 2023 and received a €10k prize, and OptaHaul was named the Ornua AgTech One to Watch 2023 and received a €10k prize.

MyGug, based in Clonakilty, Co Cork, has developed a micro-scale anaerobic digester that turns food waste into a green renewable energy source, suitable for homes, schools and small food businesses. The company was founded by Kieran Coffey and Fiona Kelleher.

The efficient egg-shaped MyGug digester system, which is aesthetically pleasing, converts food waste into a natural gas suitable for cooking and a liquid fertiliser, suitable for use in gardens. The automated system also produces data via an app and dashboard that is valuable to customers for supporting and learning more about the efficacy of sustainability practices.

OptaHaul, which was co-founded by Gary Gallagher and based in Mullingar, Co Westmeath, has developed the first route optimisation software solution designed specifically and exclusively for the dairy milk transportation industry. OptaHaul's SaaS optimisation platform helps dairy processors, cooperatives and haulers to reduce transport costs, increase efficiency and remove vehicle greenhouse gas emissions (GHGs) from farm to plant milk transport.

Innovators Initiative

AgTechUCD and Teagasc jointly submitted a proposal to the Enterprise Ireland Innovators' Initiative open competition call. The proposal is focused on Sustainable Food Systems and AgTech domain and will offer participants a 12-month Graduate Diploma in Agricultural Innovation and Entrepreneurship, accredited by UCD, if successfully funded.

REISS Project

A final report on the design and development of a 'Scale Up and Grow Programme' for female entrepreneurs, founders, co-founders or females in leadership positions in start-ups and SMEs in the agri-food, agtech, agri and veterinary sectors, was completed and submitted to Enterprise Ireland in March. AgTechUCD received funding through the Enterprise Ireland Regional Enterprise Innovation Scoping Scheme, to carry out feasibility on the running of such a programme.

Inside AgTech Webinar

A webinar entitled 'Applied IoT: Enterprise Ireland Technology Gateway Cluster' took place in April with Dr Anderson Carvalho, Applied IoT Business Manager, Enterprise Ireland. Dr Carvalho delivered a talk on the Applied IoT Cluster which harnesses the expertise, skills, imaginations and equipment of five Enterprise Ireland Technology Gateways and specialises in applying state-of-the-art IoT technologies to new and existing products, processes and services.

Mentoring

AgTechUCD runs a monthly mentoring event where tech/digital companies in the early stages of scaling get the opportunity to sit down for a one-on-one session with experienced, serial entrepreneurs and industry experts who have successfully built and scaled a business or businesses in return for advice, guidance and introductions. A number of AgTech start-ups and scale-ups have participated in these monthly events during the year.

2023 NovaUCD Innovation Awards

The NovaUCD Innovation Award was established in 2004 to highlight UCD's commitment to innovation. This year seven new award categories were added, in addition to the NovaUCD Innovation Award. The Awards recognise and celebrate knowledge transfer, consultancy and entrepreneurial achievements and successes, and the promotion of an innovation culture, made by members of the UCD research and innovation community. The recipients of the 2023 NovaUCD Innovation Awards are profiled on page 46.

Acquisitions and Fundraising Successes

EnergyCAP headquartered in Pennsylvania, USA, and a pioneer in energy and sustainability enterprise resource planning software, acquired Wattics, an innovative global provider of energy management analytics and monitoring software. Wattics, a UCD spin-out, was established in 2011 by Dr Antonio Ruzzelli.

Zipp Mobility, the shared e-scooter and e-bike service provider headquartered at NovaUCD, was acquired by ZEUS Scooters during the year. The acquisition will enable ZEUS to continue to expand its reach into the Irish and UK markets. Zipp Mobility was founded by Charlie Gleeson in 2019 and had raised over €8 million in funding and launched e-scooter and e-bike services in nine locations across Ireland, the UK and Poland.

During the year several UCD spin-outs and spin-ins were successful in fundraising.

Aer Therapeutics, a joint UCD and University of California, San Francisco (UCSF) spin-out, which is developing novel inhaled treatments for muco-obstructive lung diseases, closed a $36 million Series A financing round. Funding was received from a syndicate of premier life science industry investors, including Canaan, OrbiMed, and Hatteras Venture Partners. Proceeds from the financing will be used to advance the development of AER-01, the company's novel inhaled small molecule mucolytic drug designed to liquefy mucus plugs in the lungs of patients with COPD. Aer Therapeutics, headquartered in North Carolina, was co-founded by Professor John Fahy, UCSF and Professor Stefan Oscarson, UCD School of Chemistry.

Allsorter which provides AI solutions for the global recruitment industry, secured over €1 million in investment from Elkstone Partners and a group of angel investors. The funding will enable Allsorter, founded by Declan Murphy and headquartered at NovaUCD, to recruit the talent needed to further expand into Europe and Asia-Pacific, and prepare for market entry into the USA.

Beyondbmi, a UCD spin-out, closed a €525,000 pre-seed funding round. Beyondbmi has developed a twelve-month weight management programme, designed by the leading medical weight management experts, to enable clients achieve long-term weight loss and health gain in a sustainable way. The UCD School of Medicine spin-out was founded by Dr Harriet Treacy and

Proveye, a UCD spin-out, closed a €1 million seed funding round, led by Inspire Investments and Enterprise Ireland to advance the company's growth strategy. The company was also awarded €225,000 in funding from the European Space Agency

Pictured (l-r) at NovaUCD at the inaugural ESA BIC Showcase are; Peter Smyth, Chair, ESA Space Solutions Ireland and Commercial Director, Tyndall National Institute; Prof Helen Roche, Interim UCD Vice-President for Research, Innovation and Impact; Minister Neale Richmond TD and Conor Sheehan, National Delegation to ESA, Enterprise Ireland.

Peter Lumley with support from senior team members including, Professor Carel Le Roux and Dr Werd Al-Najim, UCD School of Medicine and UCD Conway Institute and Professor Alex Miras, Ulster University.

Binarii Labs, an Irish cybersecurity technology start-up headquartered at NovaUCD, closed a €1.85 million crowdfunding campaign via the Spark Crowdfunding platform. The funding will be used to expedite the company's commercialisation plans across the US, Ireland, the UK, South Africa, and India. Binarii Labs, founded by Steven Garner, Nigel Carter, Aidan Finn and Ciarán McNamee, is developing proprietary cyber security products that put document and data control back in the hands of their owners.

Biosimulytics, a UCD spin-out, was among four Irish companies to secure funding approval of up to €18 million between them under Horizon Europe's European Innovation Council Accelerator Programme. The company uses AI technologies to dramatically improve drug development, with a fully customised HPC (high performance computing), AI and cloud solution to rapidly serve the company's growing volume of pharmaceutical customers worldwide. Biosimulytics, headquartered at NovaUCD, was founded by Professor Niall English, Dr Christian Burnham and Peter Doyle as a spin-out from the UCD School of Chemical and Bioprocess Engineering.

Go Eve, an electric vehicle charging start-up and a joint UCD and Imperial College London spin-out, secured £3 million (€3.5 million) in the company's first funding round. Investors in the funding round include: The Pearl Family Office; Carter Gem; Automotive Ventures Inc.; Kero Development Partners and Cur8 Capital. Go Eve's 'DockChain' technology aims to make high-power DC charging cost-competitive with lower-power AC charging options. DockChain achieves this by extending the reach of single rapid chargers to service multiple parking spaces. The company, with offices at

NovaUCD and in London, was co-founded by Hugh Sheehy, John Goodbody, Professor Robert Shorten, Dr Pietro Ferraro and Andrew Cullen in 2021.

Oblivious, a confidential computing start-up founded by Dr Robert Pisarczyk and Dr Jack Fitzsimons and headquartered at NovaUCD, raised €5.35 million in a seed funding round. The round was led by Cavalry Ventures, a Berlin-based early-stage VC fund with participation by Act VC, Atlantic Bridge, Firestreak Ventures, Expeditions Fund and Hustle Fund.

StrongBó, an agritech start-up, closed a €750,000 seed funding round to enable the company to commercialise its Automatic Animal Weighing device, a hardware-enabled software solution, poised to revolutionise the beef production sector. The investment was led by Gallagher, a global leader in animal management solutions, based in New Zealand. Other investors include: Enterprise Ireland, the 519 Growth Fund and the Grand River Agricultural Society, both based in Canada. StrongBó co-founded by Micheál McInerney, Ivan Wahlrab and Marty Metzger, is currently based at NovaUCD after securing funding from the European Space Agency (ESA) as a part of the ESA BIC Ireland programme.

Proveye, a UCD spin-out, closed a €1 million seed funding round, led by Inspire Investments and Enterprise Ireland to advance the company's growth strategy. The company was also awarded €225,000 in funding from the European Space Agency, through the ARTES 4.0 Downstream Applications Demonstration Fund. The company provides an intelligent enterprise SaaS platform combining pioneering image processing for multiple remote sensing sources with AI and machine learning. Proveye headquartered at NovaUCD was founded by Jerome O'Connell and Professor Nick Holden as a spin-out from the UCD School of Biosystems and Food Engineering.

xWave Technologies, a healthtech start-up headquartered at NovaUCD, closed a €1.3 million seed funding round led by a number of private investors, including €250k from Enterprise Ireland. xWave has launched a smart radiology referral platform which uses market-leading evidence to support clinicians in ordering the most appropriate radiology scan for their patient.

Plasma Bound, a UCD spin-out headquartered at NovaUCD, closed a €750k investment round from Business Venture Partners. The company's Controlled Polymer Ablation technology is attracting significant interest in several sectors, where it empowers global

Pictured (l-r) are Tom Flanagan, Director, NovaUCD, Simon Factor, Senior Manager, New Ventures, NovaUCD, Alan Barry and Dr Nick Barry, co-founders, Plasma Bound, Dr Ciaran O'Beirne, Head, Knowledge Transfer Services, NovaUCD and Dr Hugh Hayden, Case Manager, Knowledge Transfer, NovaUCD. Plasma Bound, a UCD spin-out, and NovaUCD, were named winner of the Future Forward Impact Award at the 2022 Knowledge Transfer Ireland (KTI) Impact Awards.

industry to achieve their sustainability goals, particularly in carbon reduction and battery range extension. Plasma Bound was co-founded by Dr James Nicholas Barry, Alan Barry and Xavier Montibert as a spin-out from the UCD College of Engineering and Architecture.

Awards and Other Successes

EpiCapture, a UCD spin-out headquartered at NovaUCD, won two awards during the year. The company was named the overall winner of the second eHealth Embark Programme run by Dundalk Institute of Technology (DkIT) to support digital health innovation across Ireland. In addition, the company won the award for the best venture stemming from a university spin-out or support programme at the final of the 2022 InterTradeIreland Seedcorn Investor Readiness Competition.

EpiCapture, which is developing a novel urine DNA test to detect aggressive prostate cancer, was co-founded by Associate Professor Antoinette Perry and Edward Simons as a spin-out from the UCD School of Biology and Environmental Science.

Equal1, a pioneering silicon quantum computing company dedicated to making quantum computing affordable and accessible, was named winner of the Start-Up Award at the 2023 Tech Excellence Awards. Equal1 Laboratories headquartered at NexusUCD was co-founded Dr Dirk Leipold, Mike Asker and Professor R Bogdan Staszewski as a spin-out from the UCD School of Electrical and Electronic Engineering.

NanobOx, a UCD spin-out, was presented with the 'One to Watch Award' at Enterprise Ireland's Big Ideas 2022 showcase event. NanobOx, which is developing a highly energy-efficient technology

to oxygenate water using nanobubbles, was founded by Dr John Favier and Dr Mohammad Ghaani as a spin-out from the UCD School of Chemical and Bioprocessing Engineering.

Output Sports, a sports technology company, was named winner of the Best New Sports Business of the Year Award at the 2023 Irish Sport Industry Awards. The company's products enable strength and conditioning coaches, sport scientists and rehab professionals to fully understand and optimise their athletes' performance using a single, user-centric and fully integrated system. The company headquartered at NovaUCD, was co-founded in 2018 by Dr Martin O'Reilly, Dr Darragh Whelan, Julian Eberle and Professor Brian Caulfield as a spin-out from UCD School of Public Health, Physiotherapy and Sports Science.

Plasma Bound and NovaUCD, won the Future Forward Impact Award at the 2022 Knowledge Transfer Ireland Impact Awards. The Future Forward Impact Award recognises knowledge transfer activities that have strong potential for future impact but may still be at the early stages of development or roll out.

seamlessCARE, a UCD spin-out, was named winner of the Best Application of AI in a Start-up Award at the annual AI Awards. seamlessCARE's products are focused on enhancing communication and support the care of people with autism, acquired brain injury, dementia, intellectual disability and a wide range of other conditions. seamlessCARE was co-founded in 2021 by Dr Aviva Cohen, Ian Kennedy and Dr Çağrı Çubukçu as a spin-out from the UCD School of Mechanical and Materials Engineering.

TestReach was ranked in fifteenth place in the 2022 Deloitte Technology Fast 50 Awards. The Deloitte Technology Fast 50

Awards highlight Ireland's fastest growing technology organisations, according to average percentage revenue growth over the past four years. TestReach, headquartered at NexusUCD, was co-founded by Louella Morton and Sheena Bailey and provides leading computer-based assessment solutions used by professional associations, public agencies, universities and corporations to run secure, online examinations.

UCD Innovation Academy

The last year was one of historic growth for the UCD Innovation Academy. Undergraduate students participating in the Academy's optional electives reached an all-time high with 1,159 students from all 37 UCD Schools. In addition, student numbers also grew across Masters, PhD students, and professional learners. In total, approx 2,000 learners engaged in learning with the Academy during the year.

During the year the Academy launched Virtual Reality for Future Skills, an undergraduate elective co-designed with enterprise to teach learners vital transversal skills through an immersive virtual reality programme. The programme won an Innovation in Education Award at the University Industry Innovation Network conference in Budapest, competing against universities from across Europe.

The Academy also engaged undergraduate students in real-world challenges across all nine undergraduate electives and 120 undergraduates were hosted by Deloitte during the year for a week to work on real challenges supported by Deloitte experts.

The Academy's sustainability programming continued to grow with extra classes of our Professional Diploma in Innovation for Sustainability added due to demand. In total, some 600 lifelong learners participated in our accredited programmes in creativity, innovation and leadership.

Outside of classes, the Academy was proud to play its part in building an engaging UCD campus life. Our MakerSpace became a hub for students, and we forged new partnerships with the UCD Schools of Medicine, Veterinary Medicine and Archaeology to support their work through MakerSpace technology.

UCD Innovation Academy's Human Capital Initiative project Convene, a collaboration with TU Dublin, entered its third year with many projects scaling-up including 'Living Labs'. The UCD Greenacre Sustainability Hub, a greenfield site on campus in UCD combines a number of Convene pilot projects. These include the sustainability micro-farm where students collect spent coffee grounds on campus and use them to cultivate oyster mushrooms, and Precious Plastics, a plastics recycling facility.

The Academy also participated in the 'European Year of Skills' by hosting a Festival of Lifelong Learning in UCD O'Reilly Hall, welcoming 300 visitors.

The Academy's partnership with Vietnam National University, designed to transform Vietnam's higher education system and supported by Irish Aid, went from strength to strength during the last twelve months with exchanges to Vietnam and Ireland.

The UCD Innovation Academy also successfully won a competitive tender to provide ESB's innovation programme for another five years. It also began new collaborations with Dóchas, a global development organisation, the Department of Justice, Enterprise Ireland, Skillnet, Social Entrepreneurs Ireland, PepsiCo, IDEA and Dublin City Council.

Pictured (l-r) are: Revolution Farm co-founder, Patrick Arnold; UCD Student Volunteer, Adam Masterson; Revolution Farm Co-founder, James Egan and UCD Student Volunteer, Jemima Hurley. Revolution Farm is a Convene enterprise partner.

2023 NovaUCD INNOVATION AWARD WINNERS

Professor Stefan Oscarson & Professor Stephen Carrington

Pictured are **Professor Stefan Oscarson,** UCD School of Chemistry and **Professor Stephen Carrington,** UCD School of Veterinary Medicine (retired), recipients of the 2023 NovaUCD Innovation Award. They received the Award in recognition of their successful and longstanding research collaboration with Professor John Fahy, University of California, San Francisco (UCSF).

The collaboration led to the filing of a patent application for a novel mucolytic drug to address a large unmet need for patients with mucus-associated lung diseases. In addition Aer Therapeutics, the first joint UCD-UCSF spin-out company, was founded by Professor Oscarson and Professor Fahy. The company, headquartered in North Carolina, licensed the patented novel mucolytic drug in 2022 and closed a $36 million funding round to enable initial safety studies in patients and a proof-of-concept clinical trial in patients with COPD.

Dr Joseph Sweeney

Pictured is **Dr Joseph Sweeney,** a research fellow in the UCD School of Biosystems and Food Engineering, recipient of the 2023 NovaUCD Invention of the Year Award. He received the Award in recognition of disruptive biosensors which have been developed by him and his research team which identify the concentrations of specific organic analytes within bioprocesses in real-time. Under the current design, this invention, which has been patented, consists of a number of automated biosensors each dedicated to identify and measure a specific analyte, including sugars and volatile fatty acids, in real-time. This platform technology has commercial applications in several industrial bioprocessing sectors to improve the efficiency in bioprocessing operations.

seamlessCARE

seamlessCARE, focused on developing and rolling-out innovative assistive technologies to enhance communication and support the care of adults and children with complex needs such as autism, acquired brain injury, dementia, and intellectual disability, received the 2023 NovaUCD Spin-out of the Year Award.

In the last year seamlessCARE, a spin-out from the UCD School Mechanical and Materials Engineering, launched Empathic its first app and API, which uses artificial intelligence to interpret the emotions being expressed by non-verbal individuals as they vocalise. In addition the company secured €700,000 in seed funding from angel investor and former HSE chairman Dr Frank Dolphin and Enterprise Ireland, located at NovaUCD and grew the team to six people.

Pictured (l-r) are Ian Kennedy, Dr Aviva Cohen and Dr Çağrı Çubukçu, co-founders, seamlessCARE.

Pictured is **Dr Stephen Davis,** UCD School of Archaeology, recipient of the 2023 NovaUCD Consultancy of the Year Award. In recent years Dr Davis has carried out 12 consultancy projects, through ConsultUCD, using ALS (Airborne Laser Scanning), also known as LiDAR analysis, for multiple County Councils across Ireland. In these projects he has used LiDAR data to detect archaeological features in the landscape where Councils/Transport Infrastructure Ireland have planned to construct new roads or motorways, or as part of Council-led heritage projects. These projects identified many hundreds of potential archaeological features that might otherwise have been impacted, providing advance warning to road construction projects of potential impacts.

Dr Stephen Davis

Pictured is **Associate Professor Siobhán McClean,** UCD School of Biomolecular and Biomedical Science, whose research interests focus on understanding bacteria that cause lung infections, recipient of the 2023 NovaUCD Licence of the Year Award. Poolbeg Pharma has signed an exclusive licence agreement with UCD through NovaUCD, for a late preclinical stage vaccine candidate for Melioidosis, a potentially fatal tropical disease with an estimated 165,000 cases each year globally, invented by Associate Professor McClean and her team. There is no current approved vaccine available for Melioidosis.

Associate Professor Siobhán McClean

Pictured is **Aidan O'Neill,** CEO and founder DOCOsoft, recipient of the 2023 NovaUCD Founder of the Year Award. DOCOsoft, headquartered at NexusUCD, is an innovative provider of claims management solutions for the global property and casualty (P&C) insurance and reinsurance markets. Many of the largest insurance companies in the world rely on DOCOsoft solutions to manage their core claims in the London Market. Around half of all claims processed in the London Market, including Lloyd's, go through one of DOCOsoft's claims systems, which manage some £12 billion in premium income per year and result in up to 50% reduction in claims-handling turnaround time for clients. In recent years the company, which is 100% self-funded, has been scaling rapidly in terms of number of employees and operational capacity. Staff numbers have almost trebled since 2020 and the company currently employs nearly 80 people with turnover growing at an annual rate of over 25%.
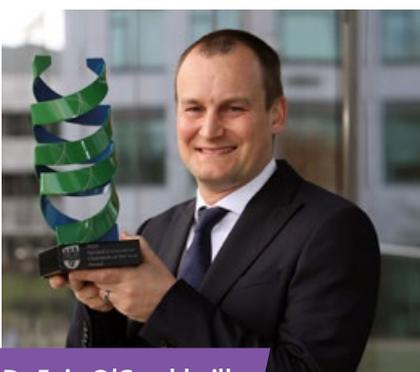
Aidan O'Neill

Pictured is **Dr Eoin O'Cearbhaill,** Associate Professor in Biomedical Engineering, UCD School of Mechanical and Materials Engineering, recipient of the 2023 NovaUCD Innovation Champion of the Year Award. Since joining UCD in 2013, Dr O'Cearbhaill has championed the promotion of innovation and entrepreneurship within his Research Centre, School and College. He has supported multiple research teams, over many years, to complete NovaUCD commercialisation programmes, including the UCD VentureLaunch Accelerator. These include Latch Medical and emerging UCD start-ups, Lia Therapeutics and LaNua Medical.

Dr Eoin O'Cearbhaill

Assoc Prof Pat Felle, Deirdre Healy, Kevin O'Brien and Prof Dolores O'Riordan meet with Dr Adnan Fzea at the Sultan's School Oman.

GLOBAL ENGAGEMENT

Global activities in 2022/23 concentrated on further realising UCD's Global vision 'to bring the best of the world to Ireland and the best of Ireland including its distinct cultures to the world'. Focusing on our two strategic objectives, a Global Experience for All and enhancing our Global Impact, we realised significant progress with some highlights below.

Professor Dolores O'Riordan
UCD Vice-President for Global Engagement

Global Experience for All

UCD Global launched its first Discovery module: *Digipass: Your Passport to Global Experiences.* The module is designed to prepare UCD students undertaking outbound international mobility and is available to all registered UCD students to self-enrol on Brightspace.

Thirty UCD students participated with their peers from the Universities of Amsterdam, Edinburgh, Padua, Johannesburg and the Taras Shevchenko National University of Kyiv in the NICE (Network for Intercultural Competence to facilitate Entrepreneurship) programme providing them with an opportunity to develop intercultural and entrepreneurial skills.

The UCD Centre for English and Global Languages offered 14 languages (Arabic, Chinese, English, French, German, Irish Sign Language, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish and Swahili). A total of 1,840 UCD students studied a language module representing an 8% increase on the previous year.

UCD continued its transnational education in our three International Joint Colleges in China. Her Excellency Ann Derwin, Ambassador of Ireland to the People's Republic of China visited each of our three colleges during the year. Minister Eamon Ryan visited BDIC in March, where he gave a very successful keynote address to BDIC students. A highlight of the year was CDIC winning the Asia Matters Higher Education Partnership of the Year Award for 2022. In June, Professor Dolores O'Riordan, conferred degrees on 300 graduates at BDIC and 114 graduates at CDIC.

A total of 65 players from Sweden, Italy, Norway, Ukraine, France, Germany, England,

Korea and other countries took part in the annual Confucius Cup Irish Go and European Chinese Chess Championship tournament. There were Lunar New Year celebrations on the Belfield campus with over 6,000 people, including many from the local community, gathering to join in the festivities.

Gaeltacht UCD supported Irish speaking students and employees on campus and enjoyed sharing Ireland's distinct language and culture with UCD's local, national and global communities. Further to the strengthening of Irish-language legislation under the Official Languages (Amendment) Act 2021, the Centre further developed its advisory and translation services and continued to support colleagues in meeting the needs of the global Irish language community. The Gaeltacht UCD student residence scheme which is central to the University's vibrant Irish language community, attracted fluent Irish speaking scholars from Kerala, India to Conamara, Gaoth Dobhair and Cúl Aodh. The Centre's 2023 International Summer School, Tionól Gaeilge UCD welcomed representatives from the global networks Una Europa and Universitas 21 alongside members of the Irish diaspora and participants from the public and private sector in Ireland, north and south.

The Gaeltacht UCD student residence scheme which is central to the University's vibrant Irish language community, attracted fluent Irish speaking scholars from Kerala, India to Conamara, Gaoth Dobhair and Cúl Aodh.

Global Impact

Our diplomatic and institutional relationships are an important driver of UCD's global impact. This year, UCD Global coordinated 15 diplomatic events and hosted 22 international partner visits.

In October 2022 we had the privilege of hosting the 16th General Conference of the International Association of Universities (IAU) with over two hundred attendees including fifty university presidents, rectors and higher education leaders from around the world in attendance.

I was privileged to lead a number of outbound missions to meet with regional education and industry partners. These visits provide an important opportunity to advance partnership discussions and explore new avenues for our international cooperation in education, research and innovation. In March I visited partners in Japan, Singapore and Malaysia, where I also met with the Irish Ambassadors to each of the countries and UCD Global Centre staff in Malaysia. In May, I travelled to the United Arab Emirates to meet with regional partners and discuss opportunities of mutual interest. I also had the opportunity to meet with H.E. Alison Milton, Irish Ambassador to the UAE. In June I led a delegation of senior UCD colleagues to China, to re-engage with partners after the pandemic and to visit the UCD-China Joint Colleges in Beijing and Xi'an.

UCD also celebrated a number of high impact achievements within our global networks. Ethan Waisberg, a final-year undergraduate medical student, became the first UCD student to win the U21 Provost Award as part of the annual U21 RISE (Real Impact on Society and Environment).

Dr Sonam Dash, a postdoctoral researcher from the UCD School of Civil Engineering, partnered with Rhodes University, South Africa on

Gaeltacht UCD Summer School participant Fleur-Nicole Leonidovna Riskin enjoying dancing with Seán Mac Philbín from the 'Fingal Mummers'.

Pictured at the signing of an MOA between Showa Women's University Japan and UCD are President Kohara and Prof Dolores O'Riordan.

a successful application to U21's first funding call for cooperation between early career researchers at member institutions and partners within the African Research Universities Alliance.

In September 2022, colleagues from UCD Global and the UCD College of Business attended the first in-person EAIE (European Association for International Education) conference since the pandemic. Shauna Hughes, Director for Global Relations, Partnerships, and Mobility, and Stephie Forde, International Mobility Officer, attended the APAIE (Asia-Pacific Association for International Education) 2023 conference in Bangkok, Thailand. During the trip colleagues attended a St Patrick's Day Reception at the Irish Embassy in Bangkok where they met with H.E. Pat Bourne, Irish Ambassador to Thailand, and Minister Patrick O'Donovan.

In April, our U21 Senior Leader, Associate Professor Amanda Gibney took part in the 2023 Presidential Symposium and Annual General Meeting in the University of Queensland.

UCD has just completed its first academic year as a member of Una Europa, our European University Alliance. Together with ten leading university partners we are working to build a university of the future, putting UCD at the cutting edge of European higher education. This December UCD will host the Una Europa General Assembly under the theme of storytelling, evoking Ireland's rich heritage as well as UCD's leading role on the Una.Futura project for communication, dissemination and community building. I look forward to welcoming alliance colleagues to our campus.

2023 saw important advancements in the Enablers underpinning our Global Engagement strategy with a notable achievement being the launch of UCD's strategy for Africa.

Significant progress was made in achieving our strategic goals in the past year and I thank all the UCD community at home and abroad who contributed to these achievements.

Professor Dolores O'Riordan

Professor Dolores O'Riordan
UCD Vice-President for Global Engagement

Dr JC Jacquier, UCD School of Agriculture and Food Science conducts group work with students at MERU University, Kenya as part of an Erasmus+ICM project.

北京-都柏林国际学院

Beijing-Dublin Inter

Students celebrating their graduation from
Beijing Dublin International College.

Pictured at the UCD Festival are (l-r) Fiona O'Donnell, Teaching Fellow, UCD School of Psychology; Ken Kilbride, CEO ADHD Ireland; Dr Blánaid Gavin, Chair of EDI Neurodiversity Working Group; Kylie McCardel, UCD student; and Julie Tonge, UCD Access and Lifelong Learning.

EQUALITY, DIVERSITY AND INCLUSION

Professor Colin Scott
Vice-President for Equality, Diversity and Inclusion

A wide range of activities took place in 2022/23 to raise awareness, promote the mainstreaming of EDI across the University and deliver on the University's commitments under the EDI Strategy 2021-2024. Participation and engagement from all members of the UCD community has been essential in our journey towards enhancing an inclusive and respectful culture.

Policy and Strategy Development

UCD committed in the UCD Gender Equality Action Plan 2020-2024 to develop guidance and support for employees and managers in relation to menopause. A dedicated Menopause Working Group was established, and two focus groups sessions were organised in collaboration with The Menopause Hub with managers and employees. The development of a UCD Menopause Policy and guidance for managers and employees are a key focus of the group.

UCD's new Breastfeeding Policy was launched at the Health and Ethics Narrative Ireland Breastfeeding Symposium sponsored by EDI. Attendees heard from writers, scholars, advocates and clinicians discussing contemporary attitudes to and issues around breastfeeding and infant nutrition in Ireland.

The UCD Employment of Persons with Disabilities Policy was launched at a virtual event celebrating International Day of Persons with Disabilities.

Initiatives

During 2022/23 UCD commenced its preparations for the development of the Athena SWAN Silver application at institutional level. University-wide consultation kicked off with a survey of all employees in May with a 35% response rate. Four working groups were established with key stakeholders and academic and practitioner co-chair leads for each.

The working groups cover Recruitment, Promotions and Career Development, Leaves/Flexible Working/Wellbeing, and Students.

In relation to School/College level awards, four Schools and one College were conferred with Athena Swan awards. Of these, three bronze awards were renewed and one first-time bronze award was achieved. The UCD School of Agriculture and Food Science achieved the University's first silver level award. Eighteen Schools and two Colleges now hold Athena Swan awards in UCD.

A new EDI Training and Awareness Raising Programme was launched in October 2022 with over 60 offerings based on UCD's EDI strategic commitments. The comprehensive programme encompasses a variety of EDI-related training and awareness-raising sessions, delivered virtually and in person. Some are an introduction to EDI to raise awareness and others are more in-depth training around key topics and are tailored for a particular audience, like managers and members of interview panels. The face-to-face training is complemented by a suite of EDI eLearning courses.

UCD published its first Gender Pay Gap Report in December following the introduction of the Gender Pay Gap Information Act 2021 and Regulations. This involved the development of a dashboard to enable trending, and the breakdown of data across employee categories and at local level. The report identifies reasons for the gaps and a range of actions to address these.

In February 2023 for LGBTI History Month the EDI LGBTI Group in collaboration with the UCD Library organised a campaign with the spotlight on LGBTI History by curating an e-collection of queer literature and physical displays in James Joyce Library.

A new UCD Public Sector Duty EDI Subgroup was established, tasked with progressing implementation. The group will develop an action plan and user-friendly toolkit.

A new EDI Anti-Racism and Cultural Awareness sub-group was established in April. The group is preparing a data and research-informed action plan to support the achievement of race and ethnicity equality based on the recommendations in the UCD Race and Ethnicity Equality report published in 2022. The work of the group will be aligned with the HEA Anti-Racism Principles for Irish Higher Education Institutions launched in March.

In May an external consultant was identified to support the development of the HEA-funded national 'Engaging Men in Gender Equality' project in collaboration with Munster Technological University and Dun Laoghaire Institute of Art, Design and

A new EDI Anti-Racism and Cultural Awareness sub-group was established in April. The group is preparing a data and research-informed action plan to support the achievement of race and ethnicity equality based on the recommendations in the UCD Race and Ethnicity Equality report published in 2022

Speakers and panellists at the UCD conference 'Time for Change in the Third-Level Sector'.

Dr Arun Kumar, Co-Chair, MENU, with the UCD Gamelan Orchestra at the MENU Café launch event.

The first annual report dedicated to Dignity and Respect at UCD was published, marking an important milestone in building an inclusive and respectful culture at UCD

Technology. This project will establish a tailored programme for Irish HEIs to raise awareness among men that they have an important role to play in achieving gender equality.

For International Men's Day 2022, EDI organised a series of awareness-raising sessions: a Men's Health Webinar, a Share & Support Session for Men delivered by UCD's Mental Health Wellbeing Support Colleagues and 'Breathe: Yoga for Men'.

For International Women's Day 2023, EDI offered a collection of sessions aimed at women on topics like leadership, imposter syndrome, resilience, self-advocacy and more, delivered with a series of workshops and a four-part webinar in collaboration with DCM Learning.

Dignity and Respect

The first annual report dedicated to Dignity and Respect at UCD was published, marking an important milestone in building an inclusive and respectful culture at UCD. The Report includes an update on the implementation of recommendations following the review of Dignity and Respect policies as well as data in relation to formal complaints and disclosures.

Two versions of Dignity and Respect training were launched in 2022/23: a full-day face-to-face session for managers and an online version for all employees. As of August 2023, 313 people managers (46% of the population) and 629 employees (15% of the population) completed the training. Feedback on the training has been positive with over 90% of people managers surveyed agreeing that the training is effective and over 80% of employees reporting that they feel more comfortable in coming forward and would report bullying, harassment or sexual misconduct after completing the course.

The UCD Dignity and Respect Support Service continued to provide personal support, specialist information and guidance to students, employees, and community members experiencing issues related to bullying, harassment, and sexual misconduct. The number of disclosures received by the D&R Support Advisers and resulting support interactions doubled from the previous year. The Advisers

proactively engaged in outreach efforts targeting both students and employees, through orientation events, workshops, training programs, discussion cafés, information stands and social media.

In November 2022, work commenced to develop a Dignity and Respect Assessment Framework for use across the Irish university sector. The project was sponsored by the HEA, led by UCD and monitored by a Project Oversight and Coordination Group composed of representatives from UCD, UCC and the Irish Universities Association. The purpose is to assess the Dignity and Respect culture in an area of a university and to identify where improvement opportunities exist to inform an action plan. The next stage is to pilot the framework across a range of higher education institutions.

Events

On 13 March over 100 people joined the UCD EDI Menopause Conference 'Time for Change in the Third-Level Sector', sponsored by Professor Aoife Ahern, Principal, UCD College of Engineering and Architecture. It brought together specialists and allied professionals from across Ireland and the UK.

For Neurodiversity Celebration Week a panel discussion chaired by Dr Cliona Kelly, UCD Sutherland School of Law explored creativity and neurodiversity. Dr Blanaid Gavin, UCD School of Medicine and Chair of the UCD EDI Neurodiversity Working Group, spoke about the 'Making UCD a Neurodiversity Friendly Campus' research project. Nicole Beagen from Dyslexia Association Ireland delivered a workshop shining a light on dyslexia and inclusion for employees and students.

UCD supported Pride with a range of activities and resources, including the 'How to be an Ally Workshop' held on 23 June in association with Dublin LGBTQ Pride and the Pride at Work training programme.

UCD Festival in June 2023 was proud to create a welcoming and inclusive experience for all. In collaboration with the UCD EDI Neurodiversity Committee, a programme of sensory-friendly activities was offered and six designated chillout zones across campus provided relief from overwhelming environments. MENU was also part of the UCD Festival, where MENU Committee members invited visitors to make a collaborative collage with their personal drawings.

Professor Colin Scott
Vice-President for Equality, Diversity and Inclusion

Employees by Gender 2022/23

Staff Category		Female	Male	Unknown	Grand Total	% Female
Academic	Full Professor	57	138	–	195	29%
	Professor	56	69	–	125	45%
	Associate Professor	127	189	–	316	40%
	Lecturer/Assistant Professor Above Bar	347	350	2	699	50%
	Lecturer/Assistant Professor Below Bar	15	14	–	29	52%
	Other Academic & Teaching	128	106	7	241	53%
Academic Total		**730**	**866**	**9**	**1,605**	**45%**
Research	Researcher	213	262	11	486	44%
Research Total		**213**	**262**	**11**	**486**	**44%**
Professional, Managerial and Support (PMS)	Academic Administrative / Professional	407	89	1	497	82%
	Administrative/Professional	476	210	3	689	69%
	Research Support	248	173	12	433	57%
	Technical	164	125	2	291	56%
	Other Support	174	176	2	352	49%
PMS Total		**1,469**	**773**	**20**	**2,262**	**65%**
Grand Total		**2,412**	**1,901**	**40**	**4,353**	**55%**

Employees by Gender % Split

Academic: 1% Unknown, 54% Male, 45% Female

Researcher: 2% Unknown, 54% Male, 44% Female

PMS: 1% Unknown, 34% Male, 65% Female

All employees: 1% Unknown, 44% Male, 55% Female
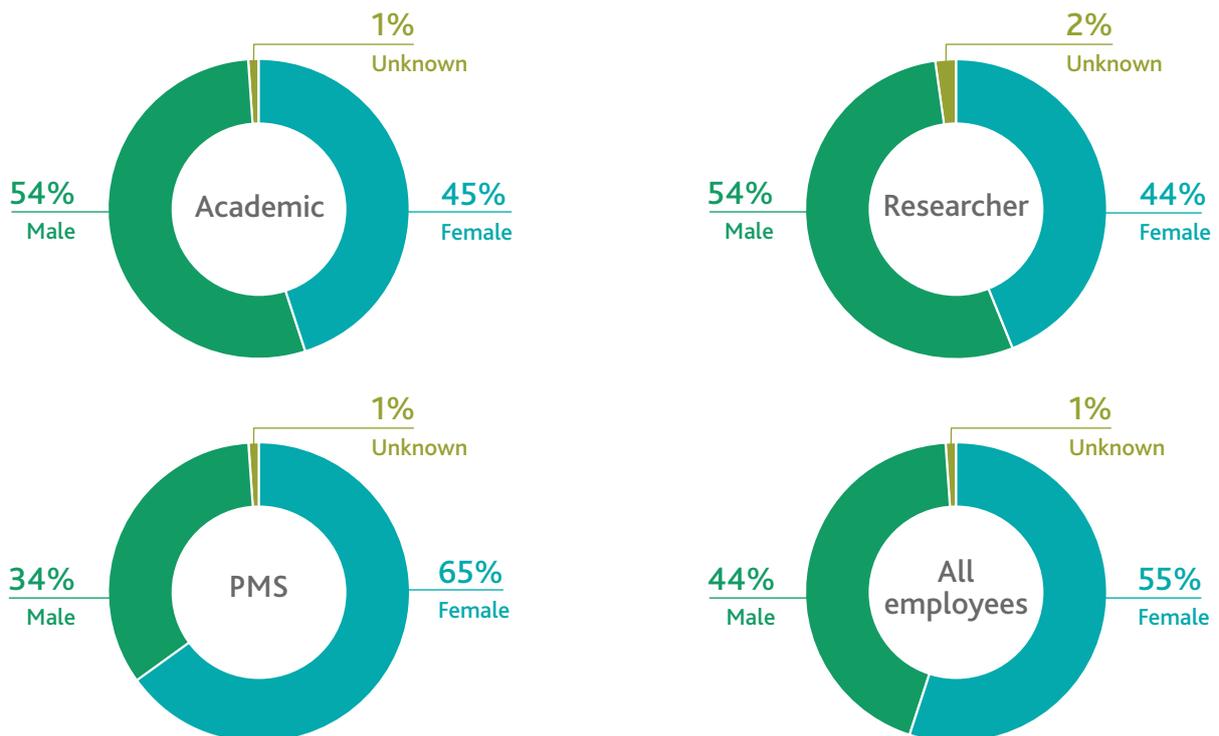
Academic Staff by Ethnicity

White
- Irish — Female 41%, Male 31%
- Irish Traveller —
- Roma — Female 1%, Male 1%
- Any other White background — Female 38%, Male 37%

Black or Black Irish
- African — Female 2%, Male 3%
- Any other Black background — Female 1%

Asian or Asian Irish
- Chinese — Female 4%, Male 4%
- Indian/Pakistani/Bangladeshi — Female 5%, Male 9%
- Any other Asian background — Female 3%, Male 8%

Other including mixed group/background
- Arabic — Male 1%
- Mixed background — Female 6%, Male 6%
- Other —

Legend: ■ Female ■ Male

Professional, Managerial and Support (PMS) Staff by Ethnicity

White
- Irish — Female 67%, Male 64%
- Irish Traveller —
- Roma —
- Any other White background — Female 24%, Male 22%

Black or Black Irish
- African — Female 1%, Male 2%
- Any other Black background —

Asian or Asian Irish
- Chinese — Female 2%, Male 1%
- Indian/Pakistani Bangladeshi — Female 3%, Male 4%
- Any other Asian background — Female 2%, Male 2%

Other including mixed group/background
- Arabic —
- Mixed background — Female 2%, Male 4%
- Other —

Legend: ■ Female ■ Male

This data is based on those who self-reported by completing the Core Self-Service Diversity Screen.

Artist's Impression of the exterior of the Centre for Future Learning.

FINANCE AND CAPITAL DEVELOPMENT

David Kelly
Bursar

Finance

UCD is in relatively good financial health within the Irish higher education sector, though disadvantaged by the continuing underfunding of the Irish higher education sector. We have partly compensated for the significant reduction in Government funding by recruiting non-EU students over the last ten years. This has created a dependency on non-EU income which is currently standing at €150 million per annum. This income is contingent on UCD being seen internationally as a world-class institution. This in turn is dependent on being able to continue to deliver a world-class student experience. Our staff:student ratio has deteriorated in recent years and investment is needed. We welcome the Government's Funding the Future policy on the future of higher education from May 2022, which acknowledged a core funding gap in the sector of €307 million per annum and indicated their intention to address this shortfall via the annual budgetary process. In Budget 2023, the Government provided an additional €40 million core funding for the sector and in Budget 2024, an additional €60 million of core funding. The continued shortfall hampers our ability to ability to invest to the desired level in crucial areas, such as staff:student ratio improvement, overall student support services and infrastructure.

The benefits of supporting higher education through core funding, research funding and student supports link directly to national societal and economic progress and UCD will continue to advocate for additional funding and to seek parity with our counterparts in other EU countries.

UCD gross income (inclusive of Deferred Funding for Pensions) for the 2022/23 financial year is expected to be in the region

In Budget 2023, the Government provided an additional €40 million core funding for the sector and in Budget 2024, an additional €60 million of core funding. The continued shortfall hampers our ability to ability to invest to the desired level in crucial areas, such as staff student ratio improvement, overall student support services and infrastructure

of €750 million, with a forecasted consolidated operating surplus falling in the range of €30- €35 million. This surplus stems from delayed spending, primarily due to the legacy impacts of COVID-19. We accommodated increased EU student numbers, a Government requirement, leading to growth in fee income. The recruitment of world-class academics to address the impact of this growth on the staff:student ratio takes time and we are catching up on spending this increased student fee income. We are investing in other supports such as our administration services transformation including a new finance system, a CRM, Library supports and Estates maintenance. We have also planned for increased interest and depreciation costs going forward as a result of our currently underway €1 billion capital development programme.

We have devolved a performance-based budgetary model, whereby additional resources are allocated on a formulaic basis to those Colleges and Schools generating additional income, and to the University.

The Finance Office assists individual Colleges and Schools to develop five-year plans which broadly align with the strategic objectives of the University and provide a multi-annual view of each unit's planned activities and resource requirements.

The major focus for the UCD Procurement and Contracts Office is to maximise costs savings. The University has achieved annual

savings of 15% in the last four years through comprehensive and smart tendering.

We are improving our compliance with Government and EU procurement rules, which currently sits at over 97% and we want to bring this as close to 100% as is possible. To help achieve this ambition, we have formed a centralised expert Buying team and have introduced improved procurement systems and processes.

Capital Development

UCD has expanded by 30% in student numbers over the last twelve years and is planning for continued growth. As a result we have planned a €1 billion property development programme. Among the projects currently underway are:

The Centre for Future Learning: a modern, technology-enabled building over 11,500 sqm in size across four levels that places active learning at its core, incorporating formal, informal, group and individual spaces that will enable students to acquire and practice a wide range of skills. This project is currently underway with the building core emerging and a planned completion date in Q3/Q4 2025.

In the vicinity of the Centre for Future Learning at the R138/N11 Entrance, a new Bus Interchange will be developed in conjunction with the National Transport Authority (NTA). This project is currently progressing thorough planning processes and when completed will create new transport infrastructure and connectivity to the campus as part of the NTA's BusConnects programme. This will allow for an increase in the quantity and quality of bus routes serving the Belfield campus with enhanced landscaping and pedestrian and cycle routes into campus.

Science Phase 3: This final phase of the upgrade of the O'Brien Centre for Science includes the complete refurbishment of Science North and West, which were among the first buildings constructed in Belfield in the 1960s. Upon completion, this project will deliver

This final phase of the upgrade of the O'Brien Centre for Science includes the complete refurbishment of Science North and West, which were among the first buildings constructed in Belfield in the 1960s

Artist's Impression of Science North and West.

Artist's Impression of the new Sport Complex.

23,000sqm floorspace of world-class research and teaching facilities. Over the summer of 2023 extensive work was undertaken by the Schools of Physics, Computer Science, Biology and Earth Science to successfully decant the buildings and move activities to other locations within the University, to be operational for the start of the Autumn Trimester 2023. The buildings are currently being stripped back to their original structure with a final completion scheduled for Q1 2026.

Sports and Student Amenity Masterplan: The University aims to further improve and grow sports and recreation facilities on the Belfield campus, to ensure the quality and choice of sports and non-sports-based amenities are of the highest international standard. The Masterplan for the sports precinct has been completed with planning approved for the overall scheme. Phase 1 of the project, consisting of enabling works including service diversions, and augmentation, addition and rationalisation of existing infrastructure including the local internal campus road network, parking, sports pitches and landscaping have commenced with further developments planned for early 2024. Upon completion, Phase 2 of the Masterplan will deliver a multi-purpose sports hall, performance centre and arrival plaza. The flexibility of the buildings will also allow for the return of end-of-term exams to Belfield, reducing the historical reliance on external examination venues and enhancing the integrated, on-campus student experience.

Newman and James Joyce Library Projects: The complete refurbishment of the Newman Building, which houses Arts, Humanities, Social Sciences and the James Joyce Library is currently underway. These are some of the oldest buildings at Belfield, completed in 1970 and 1973 respectively. In addition to their core role of supporting teaching and learning, these buildings are also home to cultural collections of national importance,

The first phase of the Library Refurbishment was completed in the summer of 2023 which provided a modern and enhanced experience spanning 2,500sqm for those studying, learning and meeting on Level 3 of the James Joyce Library

including the National Folklore Collection, UCD Archives and UCD Special Collections, collectively part of the UCD Cultural Heritage Collection. A design team has been appointed for the refurbishment of existing spaces, with the addition of capacity to the building, over the next four years.

The first phase of the Library Refurbishment was completed in the summer of 2023 which provided a modern and enhanced experience spanning 2,500sqm for those studying, learning and meeting on Level 3 of the James Joyce Library. The next phase of the project is underway. When all phases are completed the capacity and utilisation of the spaces will be increased by 30%.

UCD Residence Masterplan: In 2021 Phase 1 of the UCD Residence Masterplan comprising of 924 beds and the UCD Village amenity building was successfully completed. The University holds planning consent for Phase 2 which includes a further 1,250 beds on the site adjacent to Phase 1 but has been unable to commence due to the affordability of the project. The University is currently engaging and in close discussion with the Government on how to deliver these beds with the aid of governmental supports.

New Heat Pump at the UCD Energy Centre.

A significant milestone of UCD's decarbonisation journey was reached in 2022 with the commissioning of a 1MW electrically powered high-temperature heat pump which displaces fossil fuel powered heating in the Energy Centre

Lyons Farm: The initial phase of the Lyons Farm masterplan will provide for a two-storey facility of circa 1,000m² known as the AgTech Innovation Centre which is due for completion in October 2023. This new facility will provide accommodation for innovation facilities to support the vibrant Agri-tech sector and accommodation for a Herd Health team. This building is part of a wider investment of €20 million in Lyons Estate for Teaching and Research facilities.

Funding for Capital Development

We were granted Government funding awards under HESIF One for the Centre for Future Learning and HESIF Two for Science Phase 2, with awards of €25 million for each project. While this is very welcome, it represents 5% of our €1 billion capital development plan. This level of funding is significantly less than historic Government funding which was typically in the region of 50% of total costs.

In October 2023 we will draw down a €350 million European Investment Bank loan with a 30-year fixed term rate of 0.85%, arranged in 2020. The Housing Finance Agency has funded Phase 1 of our Residential Masterplan, and the University is engaging with DFHERIS and the HFA regarding funding to progress with the remaining phases. We have benefited from generous philanthropic donations for some of our buildings and make use of UCD surplus funds set aside over a number of years.

Energy

UCD continues to make progress towards our mandated targets for energy efficiency and greenhouse gas emissions by 2030. For UCD and other public bodies these targets are as follows:

- Reduce Greenhouse Gas Emissions by 51% by 2030 from a baseline of 2016-2018;
- Increase the improvement in energy efficiency in the public sector from the 33% target in 2020 to 50% by 2030.

UCD has identified its pathway to meet these targets through a variety of projects including the refurbishment of existing building stock to incorporate energy efficient designs, targeting a minimum standard of BER B for each major refurbishment project, construction of new buildings on campus to Near-Zero Energy Building (NZEB) standard and the electrification of heating systems (availing of the decarbonised electrical grid).

A significant milestone of UCD's decarbonisation journey was reached in 2022 with the commissioning of a 1MW electrically powered high-temperature heat pump which displaces fossil fuel-powered heating in the Energy Centre. When first constructed in the 1960s, the Energy Centre was fuelled solely by fossil fuels – this project encapsulates UCD's continuing commitment to technological innovation and evolution.

The chart below details the annual CO_2 emissions associated with energy supply to UCD.

2022 resulted in 19,802 tonnes of CO_2 emissions. This includes all thermal (50.9%) and electrical (48.9%) energy consumed as well as transport fuel used for maintenance of the estate (0.2%).

Overall CO_2 emissions in 2022 were 7% lower compared to 2019. Encouragingly thermal emissions were 13% lower in 2022 compared to 2019 despite additional floor area in 2022 compared to 2019. The 2030 target for total UCD CO_2 emissions is 8,658 tonnes. A path towards this target is illustrated in the chart opposite.

Landscaping and Biodiversity

Work to support the All-Ireland pollinator plan continued in the past year. The areas of campus managed under the relaxed mowing regime were further increased last year, contributing to the richness of biodiversity already present on campus. An academic colleague from the UCD School of Agriculture and Food Sciences recorded a strong colony of Pyramidal Orchids on the ring road at the rear of the Agriculture building in one of the first areas to benefit from the relaxed mowing regime.

Strengthening the campus boundary woodland by creating linkages and biodiversity corridors is a key aspect of the management programme for trees and woodlands on campus. During Green Week in March, a community tree planting event involving students, faculty, staff and the charity 'Bugs, Bees and Native Trees' was carried out using the Miyawaki Method of tree planting at the boundary of campus in the Roebuck area. This involved planting

Total GHG pathways and targets

- Actual thermal to 2022
- Actual transport to 2022
- Actual electricity to 2022
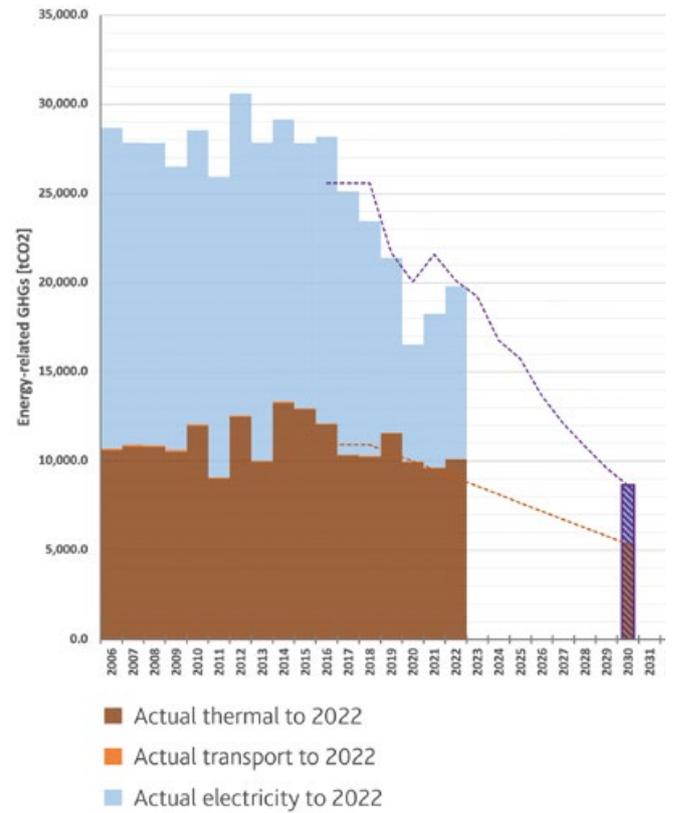
Source: SEAI M&R system

UCD total energy related CO_2 emissions p.a.(tonnes CO_2)

● Electricity   ● Thermal   ● Transport
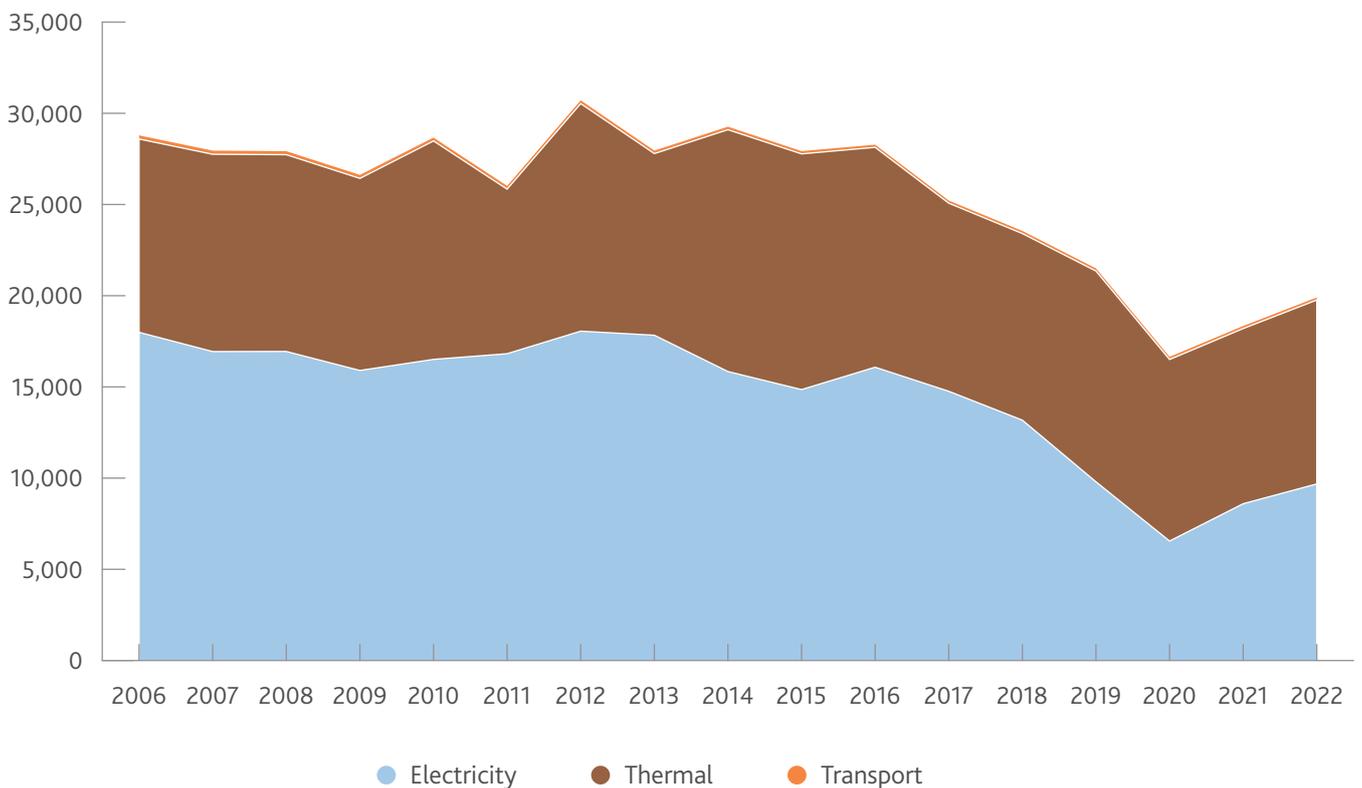
Source: SEAI M&R System

2,000 native Irish bare-root trees in a single morning, linking two separate existing sections of woodland which will enhance the habitat potential in this area over many years to come.

Tree Planting in the Roebuck Area using the Miyawaki Tree Planting method.

The campus grounds continue to represent a valuable resource for teaching, learning and research as a 'Living Lab'. A notable example is the development of a 'Plants of Veterinary Interest' Garden, devised by colleagues in the UCD School of Veterinary Sciences as an outdoor teaching space where students can learn about plants which are important in an animal health context in a real-world environment.

Commuting

Over the course of the year, travel volumes to campus have returned to 2019/20 levels, reflected in the increased occupancy of cycle parking stands, activity at bus stops and car park occupancy throughout campus.

During the year, UCD has continued to work with our transport partners in the National Transport Authority and Dún Laoghaire Rathdown County Council in delivering additional facilities for active and sustainable commutes including additional secure bicycle parking on the main concourse at the Newman Building, improved pedestrian and cycle access to campus via the Roebuck Wicket Gate Entrance off Roebuck Road, the opening hours of which are now aligned with the James Joyce Library across seven days.

Further transport-related projects launched this year include a shuttle bus operating between Belfield and Blackrock campuses while the BusConnects programme for enhanced public transport services across Dublin will see the launch of two new orbital routes to campus: the S4 and S6 in late November.

Emphasising the University Community's commitment to undertake sustainable travel and challenge established behaviours, in 2022 less than 1 in 5 journeys to Belfield was made by private car, compared with almost 1 in 2 journeys being made by car in the Greater Dublin Area.

Overall Mode Comparison

UCD total: On foot 12.8%, Bus, minibus or coach 47.4%, Bicycle 13.4%, Driving a car 17.1%, Motorcycle or scooter 0.3%, Car passenger 1%, Train or DART or Luas 7.4%, Other means 7.8%

2016 CSO GDA: On foot 13.2%, Bus, minibus or coach 13.6%, Bicycle 7.6%, Driving a car 44.6%, Motorcycle or scooter 0.8%, Car passenger 2.7%, Train or DART or Luas 7.9%, Other means 9.5%

Legend:
- On foot
- Bus, minibus or coach
- Bicycle
- Driving a car
- Motorcycle or scooter
- Car passenger
- Train or DART or Luas
- Other means

Overall Mode Split
2022/2023

- On foot: 12.8%
- Bicycle: 12.6%
- eBike: 0.7%
- eScooter: 0.3%
- Bus, minibus or coach: 47.4%
- Train or DART or Luas or UCD shuttle bus: 7.4%
- Motorcycle or scooter: 0.3%
- Driving a car: 17.1%
- Car passenger: 1%
- Taxi: 0.3%
- WFH: 0.49%
- Lorry or Van: 0.1%
- Other means: 0.1%

New pedestrian and cyclist surface at Roebuck Wicket Gate.

Eat@UCD

In the 2022/23 academic year, significant progress has been made in enhancing the campus dining experience at UCD. In line with the 'Eat@UCD' concept, a new dining strategy has been initiated which prioritises affordability, sustainability, convenience and diversity in our food offerings, informed by valuable feedback from our recent university-wide survey.

In recognition of the need for affordable dining, a variety of cost-effective meal options have been introduced across UCD's catering partners. These measures are part of a broader commitment to maintaining affordable dining costs during an economically challenging period.

Sustainability efforts have been bolstered with initiatives such as a food waste reduction programme, the introduction of the 'Too Good to Go' scheme at certain outlets, the promotion of reusable cup schemes, incentivised further with reduced beverage costs when used, and a shift towards ethically sourced coffee and products.

The UCD Confucius Institute restaurant, a recent addition to our campus, serves authentic Chinese cuisine and has quickly become a favourite among the community. Alongside the enduring tradition of Thursday's Village Markets, this addition stands as a testament to UCD's commitment to providing a dining experience that is both culturally diverse and genuinely authentic.

The UCD Village has expanded the range of convenient options for students, presenting a vibrant variety of choices at student-friendly price points, in addition to its new 'click and collect' service. Caramico's artisan takeaway pizza, open until 9.30pm each night, has grown in popularity showcasing its successful alignment with the culinary desires of our student community.

UCD's commitment to student community and social interaction is evidenced by the success of events like the Big Lunch and the Residences House Party, both of which were brought to life under the 'Eat@UCD' initiative. These events are not just about food; they are about creating a shared sense of belonging and enjoyment. To further foster this sense of community, dining vouchers have been introduced, encouraging students to come together over meals.

Moving forward, UCD is committed to continually enhancing the campus dining landscape, evolving our food services to ensure that dining remains a vital element of the campus experience.

David Kelly
Bursar

Simon Harris TD, Minister for Further and Higher Education, Research, Innovation and Science addressing the 20th Irish University Association HR Conference.

HUMAN RESOURCES, SIRC, LEGAL SERVICES AND TRANSFORMATION

Tristan Aitken
Chief People Officer and Director of SIRC, Legal Services and Transformation

Seeing so many students and staff back on campus post-pandemic drives many benefits for our community and supports better interaction and collaboration. I see my teams striving to implement our functional strategies and plans to support organisational progress all across UCD and my heartfelt thanks and gratitude goes to each valuable team member.

IN JANUARY, UCD HR hosted the 20th Irish University Association (IUA) HR Conference. This sectoral conference drew 175 delegates from IUA members, RCSI and the University of Ulster. The conference theme per our HR strategy was 'The Revolution of Work' and over one and a half days the significant employee challenges facing the higher education sector were discussed. Speakers were from the US, UK (Manchester University) and UCD.

We have taken a lead role in sponsoring and supporting the design and progress of the Programme for Operations and Services Transformation (POST), with the intention of creating a better service experience for our faculty, staff and students to support teaching, research and other UCD ambitions.

HR Partnering, People Development and Building Organisation Capability

HR Partners provided strategic and operational support across the University with priority areas of focus including the development of the UCD Hybrid Working Framework; organisation design reviews; dedicated support for incoming Heads of School and Units and representation on

We have taken a lead role in sponsoring and supporting the design and progress of the Programme for Operations and Services Transformation (POST), with the intention of creating a better service experience

The Pensions Team ran six information sessions over the course of the year, targeted at faculty and staff at different stages of career. The team played a pivotal role in the UCD Financial Wellbeing Day in April running 24 individual sessions through a Pensions Clinic

interdisciplinary working groups such as Athena Swan and Quality Reviews.

The People and Organisation Development team provided focused training and development to staff in support of their P4G development plans.

The RISE Leadership and People Management Development Programme continued the focus on leading through example, empowering others, and embodying our values. Over 220 managers and leaders commenced the programme, bringing the total to 350 since launch. Last year, 55 events were hosted across the programme with 570 attending. To continue to progress the development of skilful and adaptive communication 15 team DiSC® sessions were facilitated, broadening the programme reach beyond managers.

To support our performance culture, we delivered induction for incoming Heads of School; the UCD Thrive Leadership in Research Programme; and the Aurora Female Leadership Programme. We have supported the onboarding of over 200 colleagues through our newly configured orientation suite with dedicated faculty and

The Hello Spring Initiative combined six online mental health webinars with a financial wellbeing day (8 seminars and individual advice sessions) and a team fitness challenge (46 teams) receiving over 1,000 registrations in total.

postdoctoral inductions, and in collaboration with UCD Careers Network, postdoctoral fellows had the opportunity to avail of a range of development offerings.

The newly formed Change Management Team has identified best practice methodologies in collaboration with leaders, to effect planned change through engagement with people.

HR Services

The HR Services team is committed to supporting the UCD strategic objective to attract, retain and develop an excellent and diverse cohort of faculty and staff.

In 2022 the Pensions Office oversaw the transfer of our AVC and DC pension schemes to the Cornmarket Master Trust. This transfer was as a result of the implementation of the Occupational Retirement Provision (the IORP II Directive) designed to meet higher governance standards set out in the Directive for pension scheme members and UCD.

The Pensions Team ran six information sessions over the course of the year, targeted at faculty and staff at different stages of career. The team played a pivotal role in the UCD Financial Wellbeing Day in April running 24 individual sessions through a Pensions Clinic.

Resourcing volumes have increased again this year with 17,682 candidate applications processed and 2,625 contracts issued to new and current staff. Round 4 of the Ad Astra Fellows programme commenced in April with an approved 30 new faculty posts. We received 1,136 applications across the Colleges of Arts and Humanities; Business; and Health and Agricultural Sciences. In support of attracting a diverse cohort of candidates, each area was provided with gender targets. Local Search Committees and Search Champions established initiatives to promote the campaign, especially to applicants in underrepresented disciplines. Many selected candidates have already started with the balance due to start in the coming months. UCD participated in the second round of the Senior Academic Leadership Initiative (SALI) and received funding for two posts. The UMT decided to match this government funding with an additional two posts. Three of these posts have now been filled. The resourcing team also provided support for the process to fill a number of senior positions.

HR Operations have completed the implementation of the Building Momentum pay agreement, processing a challenging retrospective increase for all faculty and staff in November 2022, followed by increases in March and October 2023 which were the final increases under the agreement.

Culture and Engagement

Culture and Engagement comprises Promotions and Grading; Equality, Diversity and Inclusion (EDI); Employee Relations; and Engagement and Internal Communications. The unit continues to champion the HR strategic objective to be an employer of choice which supports the core University objective to attract, to retain and develop an excellent and diverse cohort of faculty and staff.

The Promotions and Grading team facilitated the Faculty Promotions Committee, which considered 68 promotion applications during 2022/23, with 70% of applicants achieving promotion

The Engagement team organised over 35 employee activities over the year ranging from online mental health webinars to fitness classes with Healthy UCD and larger social gatherings, achieving some 5,733 registrations. A significant development was the move to organising larger scale social events to further bring the employee community together. These included a 'Thank You' event in September 2022 to remember, celebrate and reconnect following the pandemic; a 'Winter Celebration' in December featuring the UCD Community Choir; and a celebration in August to mark the start of the forthcoming academic year and to facilitate employee reconnection with colleagues and campus.

The team facilitates the University's recognition of long service through the presentation of long service awards, with 171 employees eligible across the milestones of 10, 25 and 40 years of service. In addition, the Values in Action (VIA) Awards recognise colleagues who bring the UCD values to life through peer nomination. Thirty-nine submissions were received with 10 awards made.

The Employee Relations (ER) team supported the successful development and approval by the Governing Authority of a new Code of Conduct for Employees. The ER team continues to support the implementation and application of the Dignity and Respect policy and procedure, supporting D&R investigations, subsequent policy applications, e.g. disciplinary proceedings. Managers and the HR Partner Team across UCD are supported in all matters pertaining to employee relations and dispute resolution.

The Promotions and Grading team facilitated the Faculty Promotions Committee, which considered 68 promotion applications during 2022/23, with 70% of applicants achieving promotion. 30 members of faculty were approved for the award of tenure.

The Job Sizing Framework, which recognises role growth and allows for a role to be resized without competition is now in its third steady state cycle. Of the 25 roles submitted over the past year, all were resized to a higher grade.

While all members of the Culture and Engagement unit contributed to the mainstreaming of the EDI agenda across the University, the specific actions of the EDI team are recorded elsewhere in this Report.

UCD Legal Services including FOI and GDPR

UCD Legal Services has provided comprehensive legal advisory services to the University across the broad scope of its activities. Services have been available to all areas and include advice and representation on case-specific and general matters in student and staff affairs; contractual and funding arrangements in research; property and licencing matters, intellectual property and commercial matters; clinical research; and regulatory compliance. The Office has also advised on new and emerging legislation.

They have actively contributed to policy development including export controls, anti-fraud and protected disclosures, and supported numerous committees and working groups addressing academic matters, research, GDPR, EDI, student affairs and faculty promotions appeals, etc.

Employees attending the Thank You Day on 1 September 2022, coming together to remember, celebrate and reconnect on campus following the pandemic.

Members of the UCD Community Choir perform at the employee focused Winter Celebration held in the UCD Village in December.

The team are recognised advice leaders on clinical trials and state aid, and this has contributed to national policy development.

The Records Management and Freedom of Information Unit has had another challenging but productive year. UCD receives more requests than any other third-level institutions and both FOI and Access to Information requests are increasing in volume and complexity. The Unit proactively engaged with the DPER Government Reform review of the Freedom of Information Act and in May 2023 the FOI unit held a network day on campus for FOI Officers from other third-level institutions.

2022/23 was another very busy year for the Office of the DPO (ODPO) with the team advising the community on a wide variety of data protection related matters as well as dealing with data incident management and processing a significant number of data subject access requests.

The DPO continued to provide their popular offering of bespoke Zoom data protection advice clinics and in January 2023, as part of 'UCD Data Protection Month', the team organised and delivered a series of in-person data protection talks and workshops, which were very well received. These activities matched smaller scale in-person training and workshop sessions throughout 2022/23, which were equally valued by staff and researchers. The DPO has further refreshed their strategy, and in collaboration with the CRO is strengthening the three lines of defence.

Safety, Insurance, Operational Risk and Compliance Office

The SIRC Office continued to provide high quality workplace health and safety information, insurance advice, and statutory compliance guidance to colleagues across the University.

UCD receives more requests than any other third-level institutions and both FOI and Access to Information requests are increasing in volume and complexity

An Executive Safety Committee was established during the year. This Committee is tasked with making recommendations to and advising the University Management Team on matters of enterprise level health and safety management. This Committee is supported in its work by the Radiological Safety Committee, the Biosafety Committee and the various College, School and Unit Safety Committees. Going forward the Executive Safety Committee will produce an annual report for the University Management Team.

The Office continued to engage in an active safety audit and engagement programme across the University, which was supported by the development of an updated Safety Management System.

The Office also managed the University's insurance portfolio during another year with challenging market conditions.

The Unit has been working with UCD Research and colleagues in UCD Legal to develop the University's Internal Control Programme in respect of Export Control, a heavily regulated and increasingly pertinent area of compliance.

During the year the remit of the wider SIRC Office expanded to include Enterprise Risk Management. A Chief Risk Officer was

Participants at the Work Smarter Together on-campus event 'Celebrating Us'.

The Programme for Operations and Services Transformation (POST) is an ambitious project to improve the services and operations we provide to our faculty, staff and students as they take part in, and enable, UCD's education, research and campus life

appointed and significant work was undertaken to develop a new risk management framework for the University and as we move into 2024 this new framework will be rolled out in support of the University's strategic and operational objectives.

POST

The Programme for Operations and Services Transformation (POST) is an ambitious project to improve the services and operations we provide to our faculty, staff and students as they take part in, and enable, UCD's education, research and campus life. This programme puts into effect key elements of Enabler 4 of UCD's Rising to the Future strategy.

During 2022/23 the programme was established as a service-focused transformation of operations, putting in place the means to support and enable this, both in the programme itself and in the technology which would underpin it. As part of this, four service streams, which will shape the supports and services we provide to education, research and University operations, began action: Teaching, Researching, University Living and Enabling Services. Extensive public procurement processes were run to put in place the underpinning technologies. A key part of the year's work was the design of the programme itself focused on: delivering value, reimagining our ways of working, leading and doing transformation, and delivering sustainable operational effectiveness.

The UMT Service Group is the governance body for two large projects – finance transformation through FinPOST and transformation of student recruitment and marketing through the CRM project as well as oversight of an initial further fifteen community driven projects spread across the service streams.

UCD Agile

In 2023, UCD Agile was separated from POST and under the banner of Transformation has designed a new strategy with the intention to create and support the conditions that will enable a sustained culture of continuous improvement in UCD.

Agile continued to work with units, schools and project teams. Engagements ranged from high-level strategic consultancy to supporting complete self-assessments and improvements to local ways of working; bespoke workshop facilitation for service and process improvement projects; and mentoring for project leaders. In the context of multiple ongoing transformation projects, the Agile team developed a toolkit for UCD Project Delivery which promotes consistent use of the PM^2 project management methodology.

In 2022/23, the Work Smarter Together (WST) focus was reconnecting and celebrating the UCD community. We published three WST newsletters including 22 individual contributions showcasing UCD staff and the work that they do. We hosted three on-campus, in-person WST events with a total of 438 UCD staff registered to attend. Following a successful October in-person session entitled 'Think like an Entrepreneur', WST March 2023 'Celebrating Us' attracted over 200 staff members, had two external speakers contributing on topics requested by UCD staff, and over 22 presentations and posters from colleagues around UCD. This was a very well received in-person celebration, supported by people managers actively encouraging the attendance of their teams.

UCD Agile continues to facilitate the Remote Working Group (RWG) which has evolved into a thriving online community, hosting a weekly meeting of 50 staff with 400+ community members across our University. This evolving dynamic group welcomes all staff and upholds the principles of inclusivity and respect. The RWG strives to include presentations from community members that showcase knowledge sharing, network building, and issue resolution providing a resource that helps colleagues stay informed and connected.

Tristan Aitken
Chief People Officer and Director of SIRC, Legal Services and Transformation

ALUMNI ENGAGEMENT

With more than 310,000 alumni in 184 countries, the UCD alumni community makes an extraordinary impact around the world.

THE TOP 10 COUNTRIES where UCD alumni are located outside Ireland are the United States, Singapore, United Kingdom, Sri Lanka, China, Hong Kong, Germany, France, India and Australia. The impressive achievements of our alumni continue to enhance UCD's international reputation for excellence.

In 2022/23 the Alumni team energised and strengthened engagement with the alumni community in Ireland and overseas. The team strives for excellence in digital engagement as well as delivering a vibrant programme of events at home and abroad. In the past year, alumni have travelled from all corners of Ireland and overseas to attend class reunions, while events around the world included an Erasmus picnic in Paris, a panel discussion in San Francisco, and Irish Ambassadors hosting alumni in China, South Korea and Singapore, to name but a few.

In June, over 20,000 visitors of all ages joined in the excitement of the UCD Festival. The Belfield campus was transformed into a showcase of arts, science, technology, innovation, discovery and culture, with sensory-friendly activities and spaces created across campus in collaboration with UCD EDI. Special guests included renowned writers Roddy Doyle and Professor Emilie Pine. The inaugural Michael Byrne Memorial Run took place on UCD's state-of-the-art athletics track in honour of 'Old Man Belfield', and a spectacular concert in collaboration with RTÉ Concert Orchestra featured American jazz and blues legends from The Delta Blues

Project, with special guest MC Academy Award-winning actor, Morgan Freeman.

UCD's corporate partners were central to the delivery of inspiring activities at the Festival. Strategic partners Intel and Medtronic, had a strong presence on the day, while AIB promoted climate awareness with their Sustainability Tree.

Over the course of the year, there were over 41,000 interactions with alumni events and activities at home and abroad. Our alumni magazine, UCD Connections 2023 followed one of UCD's strategic themes of Transforming Through Digital Technology, introduced UCD's new president, Professor Orla Feely, to our alumni community and celebrated the achievements of UCD alumni. The magazine continues to be distributed with the Irish Times, the Sunday Business Post, at UCD conferrings and on campus throughout the year.
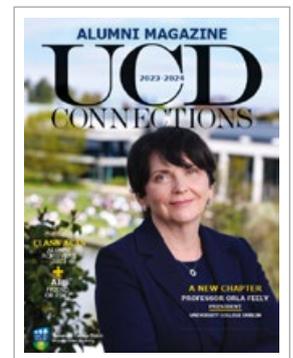
The UCD Alumni Volunteering Programme has over 7,400 participants and makes a vital contribution to UCD students and the University. In the past year over 2,400 alumni gave freely of their time and talents to advise and empower students and to provide strategic guidance and support to the University. Volunteers have improved student employability through mentoring, career panels and speaking engagements at events and conferences. Our Global Alumni Ambassadors have supported international student recruitment by advising offer holders all over the world to choose UCD, while local alumni offer a warm welcome to Dublin for postgraduate international students through the buddy programme.

The University is deeply grateful to our incredible alumni community worldwide, whose invaluable support is central to our success. Thank you for your active engagement throughout the past year.

Welcoming the BSc Class of 1993 to their reunion in the UCD University Club.

The UCD Alumni Volunteering Programme has over 7,400 participants and makes a vital contribution to UCD students and the University

PHILANTHROPIC GIVING

Thanks to the sustained generosity and commitment of our alumni, donors, corporate partners and friends over the past year, UCD is continuing to make real, positive change in the world. Philanthropic giving enables us to invest in the education and development of future leaders from diverse backgrounds, to build world-class facilities befitting a global university, and to transform lives through research and innovation. For all this, we are incredibly grateful.

ENSURING THAT TALENTED students are not held back by personal circumstances is important to UCD. We are committed to removing barriers to access and then making sure that every UCD student has the resources and supports they need to thrive and succeed – and our alumni and donors help to make this possible. In the past year, donations received by UCD Foundation through the annual giving programme funded scholarships, student mental health services, the Sports Development Fund, UCD Boat Club, UCD Library and Writing Centre, and other priority projects across the University. The Foundation also received significant gifts to establish the UCD Ad Astra Academy Dolphin Bursary and the ATA Réalta Master in Engineering Scholarship. In total, funds raised through annual giving and other significant donations provided more than 150 new scholarships for incoming students.

An extraordinary leadership gift saw the establishment of a pioneering access programme tailored specifically to the needs of mature women students from low-income households. The Think Again programme is the first of its kind in an Irish university. In addition to providing vital financial assistance to the students involved, it also provides them with a bespoke package of academic and personal supports to give them the best opportunity for success at UCD.

Philanthropy is also a critical enabler of UCD's ambitious campus development plans, and a number of major capital projects progressed markedly this year. Science Phase III – the final phase in the transformation of UCD College of Science – is advancing towards completion, to deliver a world-leading centre of excellence for science education and research in UCD. The construction of UCD Centre for Future Learning is also underway, with significant support from philanthropic donors. This important project will transform how students interact with the physical learning environment and with their peers and faculty to develop excellent discipline-specific skills as well as transversal competencies such as innovative thinking, communication and digital literacy.

Research continues to be a fundraising priority for the University. As part of its work to foster donor engagement with research, UCD Foundation partnered with the British Embassy this year to deliver a series of events exploring research and innovation in key industries, including energy and agri-tech.

The Foundation also supported the fundraising activity for the Ukraine Trauma Fund, an initiative of colleagues in UCD Centre for Emergency Medical Science. Philanthropic donations are funding UCD faculty to provide training to Ukrainian emergency services in advanced trauma care, as well as essential drugs and equipment to support emergency life-saving care in Ukraine.

The outstanding support of UCD's philanthropic community for our students, our research and our campus is intrinsic to the University's success and impact, today and in the future.

Left: Alumni enjoy the annual Choral Scholars Christmas Concert at University Church. Right: Prof Walter Kolch, whose research on paediatric cancer received philanthropic support through UCD Foundation.

MAJOR STRATEGIC PARTNERSHIPS

Building Major Strategic Partnerships is a core objective of Rising to the Future, UCD Strategy 2020-2024 and has contributed approximately €18 million since 2020 to a range of UCD initiatives, with our strategic partners employing over 3,400 UCD graduates.

DURING THE PAST YEAR we have made further significant progress in building partnerships with industry and other organisations based in Ireland and internationally, in areas such as talent development, research, innovation and sustainability.

UCD's major strategic partners include: AIB, Bristol-Myers Squibb, Dún Laoghaire-Rathdown County Council, Genuity Science, ICON plc, Intel, Mainstream Renewable Power, Microsoft, Origin Enterprises plc, PwC, A&L Goodbody and Teagasc.

Collaboration continues to progress with the Microsoft-UCD Digital Policy Programme, with the partnership extended until 2025. The Centre for Digital Policy continues to go from strength to strength in establishing its membership, advisory board and key partner collaborations, including with senior public servants and with Microsoft and META in Ireland and Brussels.

The partnership between PwC and UCD continues, which includes significant support for the UCD Moore Centre for Business. PwC remains one of the largest employers of UCD graduates.

ICON plc and UCD reviewed their partnership during the year and have now entered the second phase with substantial support for UCD campus development. Their partnership with Smurfit Executive Development continues to progress. Now in its eleventh year, it has supported the development of many hundreds of ICON executives, who have gone on to senior leadership roles.

Three UCD students were recipients of Intel Ireland Women in Technology Scholarships. Intel provides significant support for campus development and is a key sponsor of the UCD Festival.

SuperNode, a related company of Mainstream Renewable Power, that designs superconductors to interconnect national grids, engaged with UCD NexSys, resulting in a significant consultancy project.

AIB, a partner of NovaUCD, has co-sponsored the 'AIB and Yield Lab Startup of the Year' for the AgTechUCD Accelerator Programme.

A formal partnership has now been established between UCD and Dún Laoghaire Rathdown Leisure Services. This will provide experiential learning opportunities through student work

The current UCD Class of 2024 ESTEEM Graduate Program, University of Notre Dame (l-r) Seán Roche: Physics – Major In Mathematical, Physical and Geological Sciences and Major In Physics; Dylan Walsh: Computer Engineering – Major In Electronic and Computer Engineering; Anne-Marie Freeley: Mechanical Engineering – Major In Materials Science & Engineering; Kevin Brady: Biological Sciences – Major In Cell & Molecular Biology; Ciara Dillon: Mechanical Engineering – Major In Mechanical Engineering; and Oscar Gleeson: Biological Science – Major In Pharmacology.

placements at DLR leisure facilities – an invaluable learning experience for BSc and MSc Physiotherapy students – with 24 students having completed work experience.

The CONSUS Strategic Partnership programme, co-funded by SFI and Origin Enterprises plc, has been extended into 2024 to allow for the completion of research, licensing activities and technology transfer to Origin Enterprises. Twelve research students across four UCD Schools have completed their studies with a further thirteen PhD students expected to complete by the end of 2024. Six licences have been completed with a further sixteen in progress.

Simon Harris TD, Minister for Further and Higher Education, Research Innovation and Science opened the Islam and Ireland Conference, a ground-breaking two-day event, co-organised by the UCD Newman Centre for the Study of Religions and the University of Notre Dame. An international conference on Saint John Henry Newman's seminal text: The Idea of a University (1854), took place over two days at UCD Newman House. The conference was co-organised by the UCD Newman Centre for the Study of Religions and the University of Notre Dame.

The UCD Clinton Institute in collaboration with CNN Academy launched the MA in Journalism and International Affairs, the first English-language Masters programme CNN has co-designed in collaboration with a university partner.

UCD faculty, staff and students with guests at Hope Fest 2022.

UCD IN THE COMMUNITY

Reconnect and engage

During 2022/23 as most colleagues and students returned to campus, UCD in the Community moved towards reconnecting the wider community to facilitate the University objectives around community engagement.

Annual Report 2022/23

UCD employees, students, and alumni continue to make enormous contributions to the wider community. In May 2023, UCD in the Community was honoured to launch another inspiring annual report celebrating, highlighting and showcasing the wide variety of engagement across UCD, from community-engaged research and innovation, and community-engaged

teaching and learning, to volunteering. The activities in the report bring to life the values of UCD and demonstrate the open, creative, and collaborative spirit in which we engage with the wider community for mutual benefit. The report can be viewed on the UCD in the Community website.

Student Volunteering Awards

The UCD in the Community Student Volunteering Awards took place in November 2022, celebrating and recognising student volunteering in the community and in UCD activities, such as clubs, societies, peer mentoring, class representatives and the Students' Union. These volunteering activities are of immense value to the University and the wider community, and these Awards help to support and foster a culture of volunteering, active citizenship and engagement in the student population.

Hope Fest

Hope Fest, UCD's annual music and wellness event for those experiencing homelessness, was held on Saturday 13 May in the Iveagh Gardens Dublin with 500+ guests in attendance. The event is run annually in collaboration with UCD, Dublin Lions Club and Dublin Simon Community. Guests attend from multiple organisations, including Dublin Simon Community, St Vincent De Paul, the Capuchin Day Centre, Iveagh Trust, Alice Leahy Trust, Salvation Army, Crosscare, Stepping Stone, Lighthouse Cafe and others.

It is a hugely beneficial day for the homeless community and is the highlight of the year for many attendees. The OPW have kindly made Iveagh Gardens available for this unique festival type event over the past number of years and the area is transformed with areas for food, wellness and various musical acts including the UCD Community Choir and The Metabollix with Dr Luke O'Neill.

Ellen O'Brien, Xijie Peng, Rossa Gilsenan, recipients of the UCD in the Community Volunteering Awards 2022.

UNIVERSITY RELATIONS

Marketing

Undergraduate

Targeting prospective domestic undergraduate students and their influencers across three phases from October to July, a CAO campaign ran nationwide on cinema, radio, press and outdoor as well all key digital and social channels. Due to the introduction of the Official Languages Act 2021 – Section 10A, all formats were translated into Irish and ran on the above channels, as well as on Irish language specific channels, e.g. Tuairisc.ie and Raidio na

CAO campaign poster – as Gaeilge

Life. The campaign achieved strong growth in digital and social engagements, with an increase in traffic to the campaign landing pages. A supplementary campaign to promote the Ad Astra Academy ran in January and made use of TikTok and Instagram Reels, leading to high engagement and positive applications.

Graduate

A nationwide campaign in March and April targeted high achieving final year undergraduates and early career professionals. It achieved strong growth in digital and social engagements, resulting in increased web traffic. This was supplemented with ongoing support of the ucd.ie/online website with the addition of new courses, targeted digital promotion and regular site optimisation.

International

From November to February a digital marketing campaign promoted UCD as a prestigious global university, and aimed to generate website visits from prospective students in Indonesia and Turkey. Learnings applied from the 2021/22 cycle led to improved effectiveness of retargeting and greater engagement through the translation of assets. The campaign achieved high reach, engagement and goal completions on-page. A pilot partnership with Education in Ireland through their meta profile in Indonesia added additional reach and relevance.

Customer Relationship Management

The implementation of a new marketing, recruitment and admissions CRM (Salesforce) is a strong opportunity to coordinate and optimise engagement across prospective student journeys. UCD marketing, through the CRM implementation steering group, is ensuring that best practice in marketing is accounted for.

News and Social Media

Over the year, the central university social media platforms continued to grow in effectiveness in directly communicating to stakeholders the University's core activities, core values and successes in line with delivering on its strategic vision. In parallel with national and international news media placement, this provided the University with high-impact channels to reach its key audiences.

The announcement of the appointment of the new UCD President, Professor Orla Feely, was reported in national news media including The Irish Times, The Irish Independent and RTÉ. It also reached over 400,000 impressions across the central university social media channels. The appointment was also hailed as a "significant milestone" for UCD in public statements by the Minister for Further and Higher Education, Research, Innovation and Science, Simon Harris TD; IDA Ireland; Engineers Ireland and other key national partner organisations and agencies.

The opening of the new €4 million IAAF standard 400m 8-lane athletics track on campus was reported in the national news media including RTÉ, the Irish Independent and The Irish Times. The content posts on the central social media channels highlighting this new world-class athletics facility were also among the highest performing posts over the period reaching over 380,000 impressions and some 5,547 engagements.

Among the numerous research discovery news stories placed in the national and international news media was the discovery by a third-year UCD genetics student of ancient yeast on the campus that was used to brew the world's first lagers. His discovery, while collecting samples to learn how to isolate microbes from soil and work out their DNA structure, published in the scientific journal FEMS Yeast Research,

was reported in international news media outlets including The New York Times, Die Zeit in Germany and The Mail Online in the UK.

Over the year, three media training sessions with faculty were hosted in partnership with The Conversation UK. These online training sessions were attended by faculty from the College of Social Sciences and Law, the College of Engineering and Architecture, and the College of Science.

Pictured at the Annual College Lecture are (l-r) Dr Ciaran Crilly, Head of UCD School of Music; Prof Jennifer Walshe, Professor of Composition at University of Oxford; and Prof Regina Uí Chollatáin.

COLLEGE OF ARTS AND HUMANITIES

Professor Regina Uí Chollatáin
Principal, UCD College of Arts and Humanities
Príomhoifigeach, Coláiste na nEalaíon agus na nDaonnachtaí

Ba bhliain ghníomhach, spreagúil í seo do Choláiste na nEalaíon agus na nDaonnachtaí. Chuidigh tograí nuálacha agus imeachtaí spéisiúla le bunús a leagan d'fhorbairtí a raibh taighde, teagasc agus ionchur pobail go smior iontu. Tugadh tús áite d'fhorbairtí téamúla agus taobh leis sin léiríonn na tograí cruthaitheacha agus cultúir, buanna na ndisciplíní agus luachanna comhoibrithe sa Choláiste.

THIS ACADEMIC YEAR was rich in programme developments, research awards, creative engagement and cultural outreach and building developments.

Education and Student Experience

History was made in September with the conferral of more than 180 students in the first cycle of the BA in Humanities programme. A week later we welcomed the first cohort of the new BA in Creative and Cultural Industries. This is a major development for the College, in a partnership with the Creative Futures Academy (CFA), that brings together the best of faculty with industry practitioners, to prepare students for careers in this sector. The College also joined forces with its Alumni Advisory Group and the CFA to plan and pioneer a week-long intensive writing and storytelling workshop for final year BA students. The workshop was led by Associate Dean Gillian Pye and Alumni Advisory Group member Niall O'Flynn from RTÉ's Prime Time, with guest lecturer David McCullagh, RTÉ news anchor, writer and UCD alumnus.

The UCD School of Languages, Cultures and Linguistics expanded its postgraduate portfolio launching a brand new MA and Graduate Diploma in Languages and Image Studies, where students can blend language acquisition with global image-

centred modules. The School also laid the groundwork to transition Portuguese from elective to full-subject status and worked closely with the UCD School of Irish, Celtic Studies and Folklore and the UCD College of Social Sciences and Law to design the new Bachelor in Education with Gaeilge and Modern Languages, preparing for its first intake in 2023.

We were delighted to acknowledge student excellence at the annual Patrick Semple Medal Awards ceremony. Eleven students received medals for their top-performing results in the previous academic year.

Research and Innovation

The College marked numerous research awards, among them two major ERC grants at the UCD School of History. Dr Irial Glynn won a €2 million ERC Consolidator Grant for his study 'SOS' on the history of boat refugees from the 1940s to the present day. Dr Jennifer Keating was awarded €1.5 million for her major study 'Land Limits: Towards a connected history of population, environmental change, capital and conflict in Russian Eurasia, 1860s-1920s'. Professor Robert Gerwarth, UCD School of History, was named Researcher of the Year by the Irish Research Council. The Council's Maurice J Bric Medal for best postdoctoral fellow in the Arts, Humanities and Social Sciences was awarded to Dr Claudia Dellacasa, UCD School of English, Drama and Film. Professor Wolfgang Marx, UCD School of Music, was named President-Elect of the Society for Musicology in Ireland. Dr Ríona Nic Congáil, UCD School of Irish, Celtic Studies and Folklore, and Dr Fiona Smyth, UCD School of Art History and Cultural Policy, became inaugural members of the Young Academy of Ireland at the Royal Irish Academy. Professor Anne Enright, UCD School of English, Drama and Film, was awarded the Bob Hughes Lifetime Award at the An Post Irish Book Awards 2022.

Engagement and Outreach

A wide range of public lectures, concerts and launches took place throughout the academic year. Musical high notes included the world premiere of Ed Vulliamy's Civil War Cantata, performed in September to a packed O'Reilly Hall. This was a partnership project between UCD Archives, UCD School of Music and the RTÉ Concert Orchestra, among others, attracting media interest. The musical year ended with three major concerts: UCD composer-in-residence Dónal Lunny performed with the UCD Gamelan Orchestra; the Choral Scholars of University College Dublin presented Haydn's *Missa in Angustiis,* conducted by Professor Harry White; and the UCD Symphony Orchestra marked its 20th anniversary at the National Concert Hall, with a fast-paced Night at the Movies concert.

Simon Harris TD, Minister for Further and Higher Education, Research, Innovation and Science officially launched the €10 million HEA-funded UCD-IADT-NCAD partnership, Creative Futures Academy. Led in UCD by Professor PJ Mathews, the event at O'Reilly Hall was attended by faculty and staff from across all three institutions, as well as leaders and practitioners from the creative

> A wide range of public lectures, concerts and launches took place throughout the academic year. Musical high notes included the world premiere of Ed Vulliamy's Civil War Cantata, performed in September to a packed O'Reilly Hall

RTÉ's David McCullagh joins Niall O'Flynn, Assoc Prof Gillian Pye and students at the writing and storytelling workshop.

College structure

Professor Regina Uí Chollatáin
College Principal and Dean of Arts and Humanities: Associate

Associate Professor Gillian Pye
Dean for Arts and Humanities

Professor Jaime Jones
Deputy Associate Dean for Arts and Humanities

Dr Mary Farrelly
Vice-Principal for EDI

Associate Professor Conor Mulvagh
Vice-Principal for Global Engagement

Associate Professor Lucy Collins
Vice-Principal for Graduate Studies

Associate Professor Jorie Lagerwey
Vice-Principal for Teaching and Learning

Associate Professor Catherine Cox
Vice-Principal for Research, Innovation and Impact

and cultural sectors. UCD Scoil na Gaeilge, an Léinn Cheiltigh agus an Bhéaloidis hosted the annual Léacht Uí Chadhain. 'Idir mé agus an páipéar' was delivered by Professor Ríonach Uí Ógáin. In December, Taoiseach Micheál Martin TD opened the Foundation of the State Conference at the UCD School of History, part of the UCD Decade of Centenaries events.

The UCD Clinton Institute organised a range of events to mark the 25th anniversary of the Belfast Agreement of Good Friday 1998. These included a symposium in the Bertelsmann Foundation in Washington DC, a lecture at New York University and a talk 'Reporting Conflict: from Northern Ireland to Ukraine' with Nic Robertson, International Diplomatic Editor at CNN.

The UCD School of English, Drama and Film, in partnership with Poetry Ireland, was honoured to welcome Professor of Poetry at Princeton University Paul Muldoon for his lecture 'Talking Heads'. Jennifer Walshe, Professor of Composition at the University of Oxford, gave the Annual College Lecture at the UCD School of Music. In 'Weird Hibernia', Professor Walshe took us on a tour of magical storytelling and imaginative interventions. The UCD School of Classics and the Access Classics outreach programme hosted the Classical Association of Ireland Teachers (CAIT) Young Classicist Awards in a packed Theatre L. The UCD Global Irish Diaspora Committee, with the local committee in KwaZulu Natal University in Durban, hosted the second Global Irish Diaspora Congress in KwaZulu Natal University in Durban in July 2023.

The UCD Clinton Institute organised a range of events to mark the 25th anniversary of the Belfast Agreement of Good Friday 1998. These included a symposium in the Bertelsmann Foundation in Washington DC, a lecture at New York University and a talk 'Reporting Conflict: from Northern Ireland to Ukraine' with Nic Robertson

Patrick Semple Medal Winners pictured with College Principal, Prof Regina Uí Chollatáin, (l-r) Róisín Hebert, Ellie Hammond, Seán O'Regan, Vivienne Corgoova, Caolan Maher, Amanda Collum, Harry Carolan and Wicktoria Kordacka.

College structure

UCD College of Arts and Humanities consists of seven schools:

Associate Professor Philip Cottrell
Head of School, UCD School of Art History and Cultural Policy

Dr Martin Brady
Head of School, UCD School of Classics

Professor John Brannigan
Head of School, UCD School of English, Drama and Film

Professor William Mulligan
Head of School, UCD School of History

Dr Kelly Fitzgerald
Head of School, UCD School of Irish, Celtic Studies and Folklore

Associate Professor Síofra Pierse
Head of School, UCD School of Languages, Cultures and Linguistics

Dr Ciarán Crilly
Head of School, UCD School of Music

As at 1 September 2022

Dr Irial Glynn and Dr Jennifer Keating, UCD School of History were awarded a combined €3.5 million in ERC funding.

College Developments

At ground level, preparations are under way for a major refurbishment of the Newman concourse in 2024-2027. The plan includes a transformation of the UCD Classical Museum, which we very much look forward to.

Meanwhile, in the basement the new Black Box theatre and media lab at the former DramSoc theatre in the Newman Building basement is set to open in 2024. Work began in 2022 on these new state-of-the-art facilities, which will greatly enhance and enrich students' learning experience.

This will also provide a space for programme collaborations with the CFA's HEI and industry partners to support teaching programmes in the creative and performing arts.

Regina Uí Chollatáin

Professor Regina Uí Chollatáin
Principal, UCD College of Arts and Humanities
Príomhoifigeach, Coláiste na nEalaíon agus na nDaonnachtaí

2,634
Total students in Ireland

2,146
Undergraduate students FTE

Graduate students FTE

487

245
Total staff

Academic: 170

Researcher: 34

Support/ Professional: 42

Total research awards

€9,814,654

€9,212,278 **+** €602,376

External   Internal
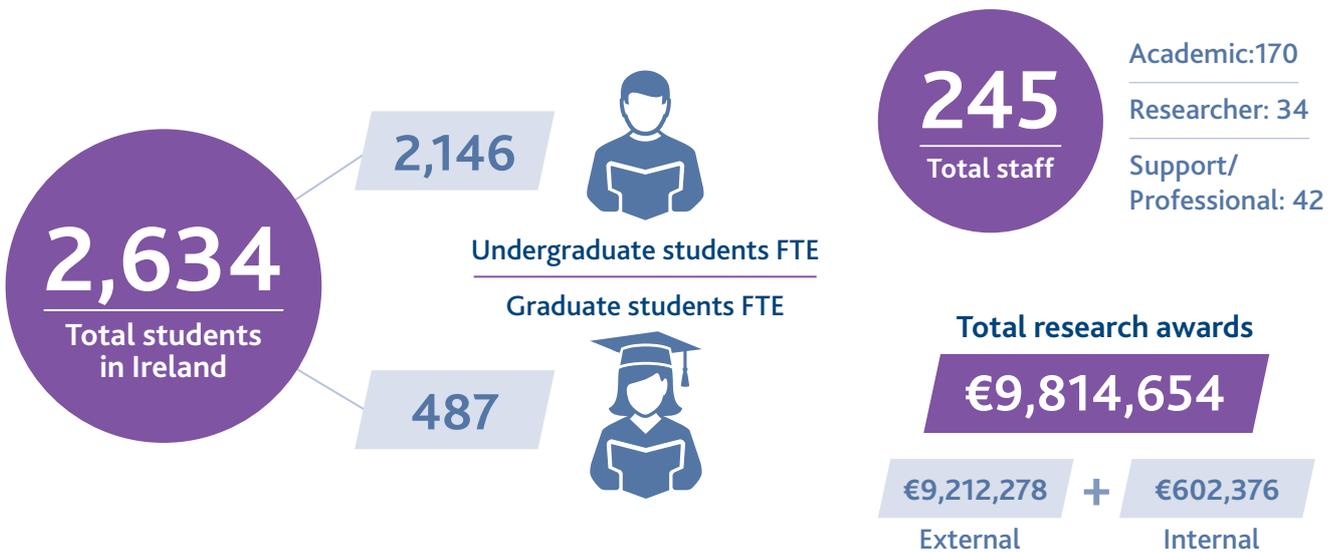
UCD Quinn School celebrated 86 awards highlighting exceptional academic achievements including a new category awarded for Contribution to UCD Quinn School Life and Initiatives.

COLLEGE OF BUSINESS

Professor Anthony Brabazon
College Principal and Dean of Business

As Ireland's leading business school, the UCD College of Business is a vibrant nexus of connectivity, flow and exchange of knowledge and ideas, having a positive impact within and beyond the classroom.

THE YEAR BEGAN with the celebration of a milestone anniversary for UCD Quinn School marking 20 years since opening its doors. Since then, the School remains the only dedicated undergraduate School of Business on the island of Ireland, has been home to more than 12,000 students and has evolved through continuous innovation in research-led education, student experience, and in partnership with industry, led by the creativity, energy and initiative of our community.

College Developments

In 2022, the UCD College of Business launched an ambitious new strategy, 'Creating a Better Future Together', which will guide growth and development through to 2026. The strategy is based on four pillars – creating knowledge, transformational learning and development, embracing the world and building engagement.

The first pillar will see the College contribute to knowledge creation and lead debate in the academic and public space on pressing business and societal issues. The transformational learning and development pillar will see the College cultivate informed, critical thinkers who are strongly grounded in disciplinary expertise and business and societal awareness. The embracing the world pillar sees the

The year began with the celebration of a milestone anniversary for UCD Quinn School marking 20 years since opening its doors. Since then, the School remains the only dedicated undergraduate School of Business on the island of Ireland

College recommitting to a global perspective which will inform our research activities, curricula, recruitment activities and engagement with global academic networks and other reputation-enhancing activities. Finally, by building engagement, we will leverage and expand the College's strong community of stakeholders.

The College continued to perform strongly in the Financial Times global rankings with the MSc in International Management ranked 8th globally, the Executive MBA ranked 69th, and the FT MBA ranked 94th globally. UCD Smurfit School was also ranked 22nd in the 2022 European Business Schools Ranking. UCD Smurfit Executive Development also achieved a ranking of 35th globally in the prestigious 2023 Financial Times Executive Education Open Enrolment Rankings.

The College also received its first Athena SWAN Bronze award for commitment to driving greater gender equality and the implementation of an ambitious four-year action plan. In August, the School welcomed the first Executive MBA class that has more women than men.

Our programme offering has expanded with the launch of UCD Smurfit School's first specially designed online programmes, the MSc in Management (Part-time) and MSc in Project Management (Part-time).

Education and student experience

We continued to push the boundaries of student growth through transformative learning and development experiences.

At UCD Smurfit School, Alan Gleeson (BBS and MBA) and Conor Maguire (MSc Finance) created the new student-run sustainable investment fund that engages students in real-world portfolio

management fundamentals focused on companies committed to promoting environmental and social characteristics. In addition, the UCD Smurfit School team won the CFA Ireland Research Challenge for 2023.

In May, we celebrated graduation at our UCD College of Business Global Campus Asia Hub in Singapore. Our graduates benefit from a diverse, 24,000-strong alumni community in the region with regular networking events connecting our broad UCD College of Business community in Asia.

UCD Smurfit Executive Development welcomed new leadership with Professor Tim Wray joining as Director and Professor Joe Peppard as Academic Director.

Research, Innovation and Impact

The College has a long tradition of thought-leadership that advances academic debate and practice, pushing the boundaries of knowledge creation and innovation. Publications in leading academic journals have increased by 172% over the past two years. The citation impact of the College's publications is now 93% above world averages taking into account the latest full five-year publication window from 2018 to 2022.

During the year, Professor Susi Geiger published her research in five of the world's leading journals (FT 50) and her research has received international recognition through research awards and Best Paper prizes. She is the only-ever Irish female business scholar to be awarded an ERC Consolidator Grant, focused on research on market failures in healthcare.

Assistant Professor Penelope Muzanenhamo was awarded Paper of the Year 2023 by the Journal of Human Relations for her research

The UCD Smurfit School team won the CFA Ireland Research Challenge for 2023.

College structure

Professor Anthony Brabazon
Dean of UCD College of Business

Professor Gerardine Doyle
Associate Dean and Director
of UCD Smurfit School

Associate Professor Maeve Houlihan
Associate Dean and Director
of UCD Quinn School

Professor Don Bredin
Associate Dean International

Professor Helen Brophy
Director of UCD Smurfit Executive
Development

Professor Andreas Hoepner
Vice-Principal of Research,
Innovation and Impact

Associate Professor Paul Ryan
Vice-Principal of Teaching and
Learning

Professor Colm McLoughlin
Vice-Principal of Equality, Diversity
and Inclusion

As at 1 September 2022

titled, 'Epistemic injustice and hegemonic ordeal in management and organisation studies: Advancing Black scholarship'. And Professor Tom Conlon was awarded the 2022 Outstanding Article Award from the Journal of Financial Research for his article 'Mutual fund performance and changes in factor exposures'.

Professor Cal Muckley continues to advance his research with algorithms to make everyday banking safer for elderly clients and has now begun to develop new ways to detect early symptoms of cognitive decline through banking transactions. He also recently published research which uses algorithms to counter racial discrimination in lending.

Professor Donna Marshall's research in sustainable and ethical supply chains earned a place on the Vogue Business 100 Innovators list which recognises people at the forefront of industry overhaul. In addition, the European Commission recently named FReSCH, Fashion's Responsible Supply Chain Hub, as one of the pioneering research projects with implications for sustainable and circular fashion and textile value chains. FReSCH was created at the College's Centre for Business and Society (CeBAS).

Professor Mike O'Neill and the UCD Natural Computing Research and Applications Group have continued to advance research in AI which has already seen positive impacts in a vast array of areas from elite athlete training, mobile device data rates, drug interdiction using smart drones and more.

Engagement and outreach

The UCD Quinn School Business Mentoring Programme marked its fifth anniversary. The programme now encompasses over 320 mentors and is available to all undergraduate students.

UCD Smurfit School alumna, Kerry McLaverty, won the MBA Leadership Award at the AMBA & BGA Excellence Awards for her work as CEO at LauraLynn, Ireland's only children's hospice, supporting over 350 children and their families. In addition, MBA alumnus, Dr Fardod O'Kelly, won the MBA Student of the Year award for his trailblazing work to develop a new public-private partnership which allows access to surgery for children in the west/south of Ireland.

Our alumni also made an impact through this year's College of Business 'Green Challenge' when our community came together to make sustainable changes to our daily lives and collectively saved 40,000kgs of CO_2 from entering our atmosphere. The challenge culminated in planting 150 native Irish trees across UCD.

Thirty-two students participated in a first-of-its-kind initiative between UCD College of Business and Howard University, one of America's most prestigious and oldest historically black colleges and universities. Student learning focussed on doing business in international markets, UN SDGs, D&I and cross-cultural learning. The visit formed part of a broader partnership with Howard encompassing research, teaching and learning. Vice-President of the United States, Kamala Harris commented on the innovative collaboration during An Taoiseach Leo Varadkar's visit to Washington DC on St Patrick's Day.

The College also joined the Global Business School Network (GBSN), which fosters cross-border networking, knowledge sharing and collaboration both within the network membership and with the broader business education and development communities.

UCD Smurfit Executive Development welcomed new leadership with Tim Wray joining as the new Director and Professor Joe Peppard as the new Academic Director.

The well-established College 'Business Impact' podcast series had another successful year, with 16 new podcasts being added. Since its launch there have been 87 episodes, and over 33,000+ downloads with listeners spanning more than 63 countries

The well-established College 'Business Impact' podcast series had another successful year, with 16 new podcasts being added. Since its launch there have been 87 episodes and over 33,000+ downloads with listeners spanning more than 63 countries. The podcasts are distributed via iTunes, Spotify and the College website.

In December 2022, Ireland's leading business journalists were recognised at the 15th UCD Michael Smurfit Graduate Business School Business Journalist Awards held in Dublin. The awards honour excellence in Irish business journalism across the media spectrum and were sponsored by Bank of Ireland. This year's ceremony also included the presentation of the inaugural 'Women in Business Journalism' award.

Professor Anthony Brabazon
College Principal and Dean of Business

Students participated in a first-of-its-kind, cultural exchange in Dublin and Washington D.C. with Howard University, one of America's most prestigious and oldest historically black colleges and universities. Students focused on doing business in international markets, UN SDGs, D&I and cross-cultural learning.

3,706
Total students in Ireland

1,665
Undergraduate students FTE

1,982

Graduate students FTE

2,041

207

2,189
Total students overseas

Academic: 119

Researcher: 14

Support/Professional: 90

224
Total staff

Total research awards

€1,772,834

€1,528,964 **+** €243,870

External   Internal
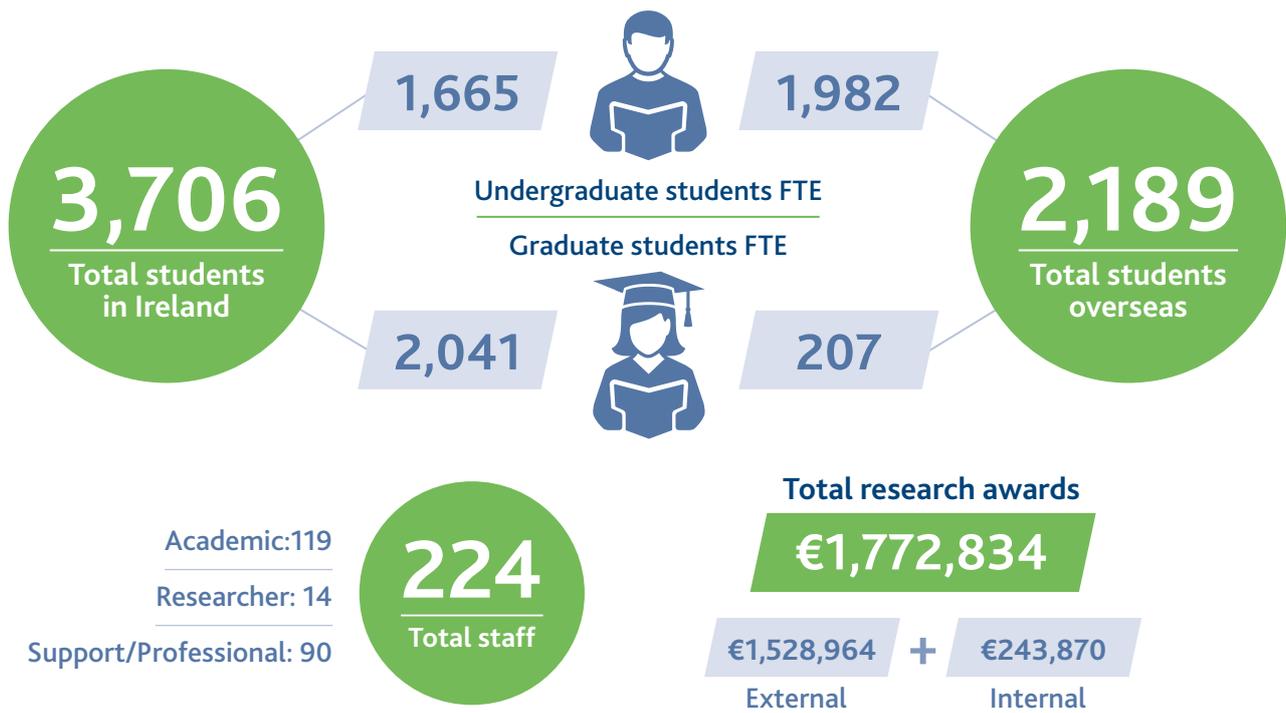
COLLEGE OF ENGINEERING AND ARCHITECTURE

Professor Aoife Ahern
College Principal and
Dean of Engineering

Pictured above: Inaugural UCD College of Engineering and Architecture International Women's Day Event held in March 2023 (l-r) Prof Orla Feely; Dr Marion Boland, Head of Research Policy, SFI; Dr Niamh Quinn, Systems, Processes and Contracts Manager, Engineering and Major Projects, ESB; Sophie O'Kelly, International Programmes & Research Funding Manager, I-Form Research Centre for Advanced Manufacturing and SMME; Dr Fionnuala Murphy, SBFE, Member of UCD College of Engineering and Architecture EDI Committee; Prof Aoife Ahern, College Principal; Prof Aoife Gowen, College Vice-Principal for Research, Innovation and Impact and SBFE; and Triona McCormack, Director, UCD Research. Photo Credit: Conor Mulhern.

The UCD College of Engineering and Architecture has enjoyed a year of significant success and impact across teaching, research and our contribution to society.

THE COLLEGE STRIVES to affect a just transition to a more sustainable and equitable future, through our education of professionals in engineering, architecture, planning and policy, and our research in technology, design and policy. We bring together the technical expertise to deliver and build infrastructure and technologies that can create a more sustainable future but, unusually for a College encompassing engineering and architecture, we also bring together the research and professions required to create the policies and regulatory environment that supports technological and infrastructure development, and that can also scrutinise and investigate the behavioural changes affected by our technologies. I would like to thank all those involved in making this such a successful year for our College – the academic faculty, the professional staff, the technicians and researchers, our students and our alumni.

Education and Student Experience

Our four undergraduate programmes, (Architecture, City Planning and Environmental Policy, Engineering, and Landscape Architecture), enjoyed strong CAO first preferences, and continue to attract an excellent and diverse cohort of entrants. In particular, the points for City Planning and Environmental Policy, rose by 35 points to 455, reflective of society's need for a well-planned and sustainable environment. Under the HEA Human Capital Initiative and Springboard, the School of Biosystems and Food

We bring together the technical expertise to deliver and build infrastructure and technologies that can create a more sustainable future

Engineering introduced a Graduate Diploma in Carbon Accounting and Life Cycle Assessment, which was successfully filled, and demonstrates our College's commitment to support the national campaign to develop priority skills needs. Following a student team-based design competition for first year Engineers, funded by the College of Engineering and Architecture Student Support Fund, the College is working with UCD Estates to realise the winning team's project to install a living wall to enhance the user experience in the Engineering and Materials Science Centre.

Engagement and Outreach

Led by Associate Professor Tom Curran, the College has engaged in many overseas activities to attract high-quality international students for our taught programmes. In China, our student numbers in BDIC and CDIC have continued to grow and the further lifting of restrictions has enabled College staff to have a stronger presence on both campuses in China. Additionally, the College signed three new agreements in France, further strengthening our relationships with the prestigious Grandes Écoles.

The College takes particular pride in the outreach activities it runs for schools including the annual weeklong 'Engineering Your Future' programme designed to inspire fourth-year students to study Engineering.

The UCD Engineering Graduates Association held a number of successful in-person events, since the Covid-19 pandemic including:
• September 2022: The *Gold Medal & Award Ceremony* to

acknowledge student excellence; and the Distinguished Graduate Award Ceremony which recognised Anne Graham, Chief Executive Officer, National Transport Authority for her achievement and outstanding contribution to society.
• November 2022: Experts from SSE Ireland, EirGrid, Ibec and the UCD Energy Institute discussed the topical issues surrounding Energy Security for the *EGA Autumn Panel* webinar.

In Memoriam

Professor John (Seán) Sheridan, 1964 – 2022
This past academic year, we mourned the loss of our dear colleague Professor John 'Seán' Sheridan, who was an integral member of the electrical and electronic engineering faculty for more than two decades. Among his many contributions to the College of Engineering and Architecture, Seán was Head of School, was formerly College Vice-Principal for Research, Innovation and Impact, and founded the ME in Optical Engineering. He was a co-founder of the spin-out Equilume. Seán was a warm and jovial man, but he was also a globally regarded researcher in holography and optical modelling. A PhD Scholarship is being established in his honour. Ar dheis Dé go raibh a anam.

Medal Recipients at the EGA Gold Medal and Award Ceremony on 5 September 2022, UCD. Back row (l-r): Laura Hayes, AbbVie Engineering with Business Medal; Sam Boxwell, Palliare Biomedical Engineering Medal; David Hurley, Arup Gold Medal for Architecture; Fiachra Robinson, DePuy Synthes Materials Science and Engineering Medal; Peter Kilgannon, James G Lacy Award for Project Excellence; Laura Nagle, EGA Energy Systems Medal; Albha O'Dwyer Boyle, Renesas Electronic Engineering Medal; and Ciara O'Callaghan, AbbVie Engineering with Business Medal. Front Row (l-r): Niamh Moore, Arup Structural Engineering with Architecture Medal; Colm Cashman, Deloitte Masters in Engineering Management Medal; Paul Monaghan, IMechE Institution Project Award; Clíodhna Duggan, RPS Civil Engineering Medal; Lucy Walsh, SK Biotek Chemical Engineering Medal; Samuel Micklem, CRH Mechanical Engineering Medal; and Mark Samuel, Eli Lilly ME Research Project Award.

College structure

Professor Aoife Ahern
College Principal/Dean of
Engineering

**Associate Professor
Vincent Hargaden**
Associate Dean of Engineering

Professor Mark Scott
Dean of Architecture, Planning
and Environmental Policy

Dr Ciaran McNally
Vice-Principal for Development

Dr John Healy
Vice-Principal for Equality,
Diversity & Inclusivity

Associate Professor Tom Curran
Vice-Principal for Internationalisation

Professor Aoife Gowen
Vice-Principal for Research,
Innovation & Impact

Dr Jennifer Keenahan
Vice-Principal for Teaching
& Learning

The Ripple project mitigating climate change in Ballina, one of fifteen winners and Ireland's first, was awarded the 2023 New European Bauhaus Prize

- March 2023: Team members behind Ireland's first satellite discussed a significant milestone in our country's adventures in space at the *EGA Spring Lecture* on 'EIRSAT-1, Ireland's First Satellite.

Research, Innovation and Impact

Associate Professor Philip Cardiff, MME, received an ERC Consolidator grant for the 'XenoSim' project, using pioneering computational techniques that could make pig-to-human heart transplants a reality.

Dr Elaine Corbett, EEE, received an ERC Starter grant for the 'MYODECISION' project developing new decision-making paradigms to study sensory and motor systems interaction in the brain.

Professor Dimitrios Zeugolis, MME, received an ERC Proof-of-Concept grant, building on his ERC Consolidator Award 2019, to explore macromolecular crowding in cell culture systems.

Professor Robert Staszewski, with collaborators Associate Professor Elena Blokhina, Drs Teerachot Siriburanon and Deepu John, EEE, were awarded a Research Professorship from SFI for the project entitled 'Mixed-Signal Integrated Circuits Electronics for Emerging Applications'.

The Ripple project mitigating climate change in Ballina, one of fifteen winners and Ireland's first, was awarded the 2023 New European Bauhaus Prize. Led by UCD Centre for Irish Towns, team members include Dr Sarah Cotterill, CE; Drs Orla Murphy, Philip Crowe, and Rebecca O'Malley, APEP.

PhD student Robert Corbally, CE, received a TRA Visions Young Researcher Competition award at the Transport Research Arena (TRA) Conference for his work on bridge health monitoring.

Professor Andrew Keane, Director of NexSys, EEE, received the 2022 SFI Industry Partnership Award in recognition of industry academia collaborative research excellence.

UCD spin-out seamlessCARE, founded by Drs Aviva Cohen, Çağrı Çubukçu, and Ian Kennedy, MME, received the 2023 NovaUCD Spin-out of the Year Award; and the Best Application of AI in a Start-up Award at the 2022 AI Ireland Awards.

Associate Professor Eoin O'Cearbhaill, MME, received the 2023 NovaUCD Innovation Champion of the Year Award.

Assistant Professor Joseph Sweeney, BFE, received the 2023 NovaUCD Invention of the Year Award.

Runners-up in the UCD Impact Case Study Competition 2022 include Dr Sarah Cotterill, CE, on water conservation in Ireland; Associate Professor Tom Curran, BFE, on avoiding fatberg sewer blockages; Dr Nan Zhang, MME, on bringing medical devices to market quicker; Professor Hugh Campbell, APEP, on the Sean McDermott Street Magdalene Laundry.

Dr Jennifer Keenahan, CE, received an iCRAG Impact Award 2023 for her work on offshore

PhD Student Robert Corbally, awarded third prize in the TRA Visions Young Researcher Competition with Dr Abdollah Malekjafarian, CE and leader of Structural Dynamics and Assessment Laboratory (SDA-Lab).

College structure

UCD College of Engineering and Architecture consists of six schools:

Professor Eoin O'Neill
Head of School, UCD School of Architecture, Planning & Environmental Policy (APEP)

Professor Paula Bourke
Head of School, UCD School of Biosystems & Food Engineering (BFE)

Dr Jessica Whelan
Head of School, School of Chemical & Bioprocess Engineering (CBE)

Associate Professor Amanda Gibney
Head of School, School of Civil Engineering (CE)

**Professor John Sheridan
(RIP December 2022)**
Head of School, School of Electrical & Electronic Engineering (EEE)

Professor Kenneth Stanton
Head of School, UCD School of Mechanical & Materials Engineering (MME)

As at 1 September 2022

wind renewable energy; and the Infrastructure Asset Management prize from the Institute of Civil Engineers (ICE) for a paper involving computational fluid dynamics.

Associate Professor Shane Donohue and Mr Andrew Trafford, CE, received the iCRAG Research Paper of the Year Award 2023 for the 'Distributed acoustic sensing for active offshore shear wave profiling' paper published in Nature's Scientific Reports.

Individual Expertise and Outstanding Contribution

Professor Da Wen Sun, BFE, was named for the eight consecutive year among the Worlds' top 1% of the most cited academics by Clarivate Analytics.

Professor Shane Ward, BFE, was appointed to the EU Mission Board on Adaptation to Climate Change, advancing Europe's global leadership towards climate resilience by 2030.

Professor Mark Scott, APEP, was appointed to the Board of the Heritage Council.

Architects Peter Cody and Mary Laheen, APEP, were members of a team commissioned by Culture Ireland to represent Ireland at La Biennale di Venezia 2023.

Dr Amiya Pandit, Postdoctoral Researcher, CE, awarded the Thomas Mitchell medal

of excellence at the Irish Research Council (IRC) Research Awards.

Assistant Professor Abdollah Malekjafarian, CE, announced one of forty new Young Academy of Ireland (YAI) awardees by the Royal Irish Academy (RIA).

Professor Fengzhou Fang, MME, elected a Member of the Royal Irish Academy (MRIA) for his contributions to manufacturing science and technology.

Emeritus Professor Mohamed Al-Rubeai, CBE, received a National University of Ireland honorary degree for his contribution to science and noted contributions in public life.

Professor Eugene O'Brien, CE, presented with the 2022 Civil Engineering Research in Ireland Lifetime Achievement Award for his world-renowned expertise and impact in weigh-in-motion of bridges.

I commend all College members on their achievements.

Professor Aoife Ahern
College Principal and Dean of Engineering

2,408
Total students in Ireland

1,304
Undergraduate students FTE

552

552
Total students overseas

Graduate students FTE

1,104

Academic: 180
Researcher: 102
Support/Professional: 110

392
Total staff

Total research awards

€44,063,746

€40,071,018 **+** €3,992,728
External   Internal
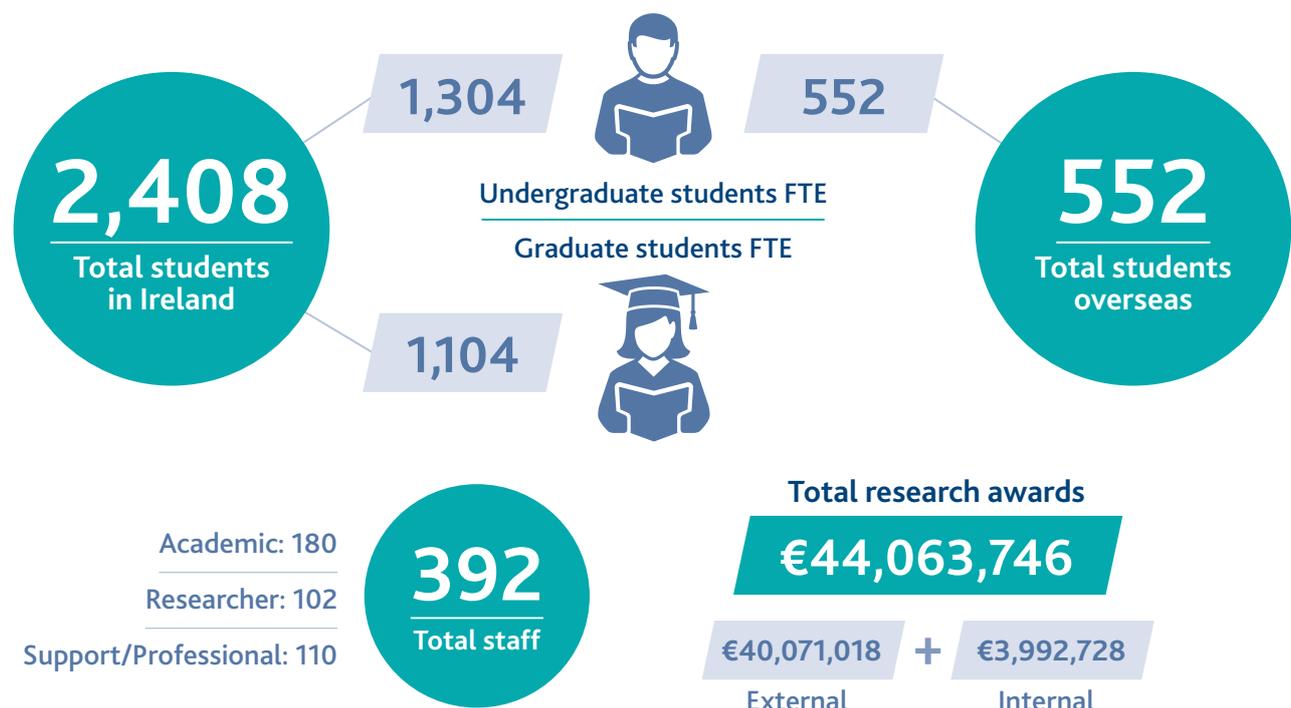
Winners of College Teaching and Learning Awards from 2020 and 2022.

COLLEGE OF HEALTH AND AGRICULTURAL SCIENCES

Professor Cecily Kelleher
College Principal

This academic year saw the return of events which have now become staples in the College calendar.

IN MARCH, THE THIRD annual Teaching and Learning Showcase hosted by the College of Health and Agricultural Sciences Education and Training Group celebrated and highlighted the initiatives of Teaching and Learning Awards winners. In May the College hosted its third annual Graduate Research Student Symposium which celebrates student research across the disciplines. This year saw record engagement with the event with over 100 abstracts submitted, resulting in 70 poster presentations and ten oral presentations on the day. The second annual One Health Conference took place in June. The conference aims to highlight excellent research underpinned by a One Health approach going on in Ireland and beyond. This year the conference showcased themes including Pandemic Preparedness, Healthcare and Impacts on the Environment, and the Human-Animal Bond, finishing with a panel discussion on 'The Development of a Regional Framework for One Health' including participation from the World Health Organisation.

There were also new initiatives in research promoting interdisciplinarity both across the College and the University. The Cross College STEM Research Day took place in March with the aim of bringing a diverse group of academics together to encourage new cross-School and cross-College collaborations. The STEM Challenge Fund,

In May the College hosted its third annual Graduate Research Student Symposium which celebrates student research across the disciplines. This year saw record engagement with the event with over 100 abstracts submitted, resulting in 70 poster presentations and ten oral presentations on the day

Collaboration across the College is also evident in education and student activities. Students from the College won the All Ireland Interprofessional Healthcare Challenge for Students (AIPEC) in March

launched on the day, is a new joint initiative between the UCD Colleges of Science, Engineering & Architecture, and Health & Agricultural Sciences to support highly collaborative and high-impact STEM research in UCD. The Sustainable Research Initiative brings researchers in the College together with the goal of promoting sustainability in research within the College and throughout UCD. In related news, the UCD School of Veterinary Medicine's Microbiology and Parasitology Research Group have been awarded a My Green Lab Gold Certification, the gold standard for laboratory sustainability best practices around the world.

The College continues to support and recognise the value of EDI activities and there were a number of events and initiatives marking this work across the year including the inaugural All-Ireland LGBTQ+ Health Symposium, hosted by Dr John Gilmore and the UCD School of Nursing, Midwifery and Health Systems, and the annual Neurodiversity conference led by Dr Blánaid Gavin, UCD School of Medicine. The UCD School of Agriculture and Food Science became the first School in the University to be awarded highly prestigious Athena SWAN Silver award for their commitment to gender equality amongst faculty, staff and students.

Collaboration across the College is also evident in education and student activities. Students from the College won the All-Ireland Interprofessional Healthcare Challenge for Students (AIPEC) in March. The team was supported by UCD Health Affairs, and the academic mentors were Associate Professor Cliona O'Sullivan, UCD School of Public Health, Physiotherapy and Sports Science and Dr Brynne Gilmore, UCD School of Nursing, Midwifery and Health Systems. UCD General Practice, School of Medicine, in conjunction with the UCD School of Nursing, Midwifery and Health Systems developed a UCD Graduate Diploma in Primary Care Nursing Practice with 60 fully-funded students enrolling on the Sláintecare-funded programme in September 2023. The UCD GP group has also developed an educational programme which supports international medical graduates integrating successfully into the Irish health service. Professor Gerard Bury and colleagues in the UCD Centre for Emergency Medical Science delivered a series of first-responder training to almost 90 medics and paramedics as part of the Ukraine Trauma Project.

Clinical research in the UCD School of Medicine continues to go from strength to strength. Researchers have developed an artificial intelligence diagnostic tool to detect pre-eclampsia and are evaluating it in three Dublin maternity hospitals. Others have developed a unique wearable baby movement monitoring system to support remote monitoring and reduce stillbirth incidences. They have evaluated in clinical trials novel drug therapies for the treatment of obesity, have investigated computational approaches to drug resistance in patients with tuberculosis, and have explored molecular-level organisation in glucose metabolism. UCD School of Medicine researchers have also participated in the largest childhood and adolescent leukaemia trial ever undertaken in Europe and are seeking new therapies for these high-risk blood cancers.

Prof Lorraine Brennan, VP Research, Innovation and Impact and Emmanuelle Aiyegbusi at the Graduate Student Research Symposium.

The UCD School of Public Health, Physiotherapy and Sports Science ran a very successful inaugural Global Public Health and Sports Studies Summer School in June. Students from USA, Canada, Australia and Romania participated

The UCD School of Nursing, Midwifery and Health Systems hosted the International Academy of Nursing Editors (INANE) conference in July, welcoming international nursing editors and publishers. INANE is focused on meeting the practice, research and education needs of the nursing profession. Continuing on from this success the School held its inaugural International Research Conference 'Scanning Horizons, Driving Change, Building a Healthier World, in August. The event was attended by 120 Irish and international nurses, midwives, healthcare professionals and researchers.

The UCD School of Public Health, Physiotherapy and Sports Science ran a very successful inaugural Global Public Health and Sports Studies Summer School in June. Students from USA, Canada, Australia and Romania participated.

In the UCD School of Veterinary Medicine, the Irish Clinical Academic Training (ICAT-2) Programme was officially launched in October; this is the second phase of the cross-border ICAT programme which will train 42 fellows over five years in medicine, dentistry and veterinary medicine across six partner universities. The programme provides a structured inclusive infrastructure for training the next generation of clinical academic leaders and aims to recruit five veterinarians who have completed residency training to undertake a PhD in the areas of One Health, Comparative Medicine and animal-sparing research.

Congratulations to colleagues across the College who have been recognised for individual achievements across the year.

Pictured at the UCD School of Agriculture and Food Science exhibit at the National Ploughing Championships in Ratheniska, Co Laois are final year UCD School of Agriculture and Food Science students and FBD Farm Safety Ambassadors Noel Banville, Ciara Byers and Georgina Carolan.

Prof Stephen Gordon and Assoc Prof Cliona Skelly, UCD Veterinary Medicine EDI and Athena SWAN Committee Co-Chairs; Prof Michael Doherty, former Dean and Head of the UCD School of Veterinary Medicine; Róisín Walsh, Student LGBTQ+ UCD Veterinary Society Representative; Assoc Prof Marijke Beltman, UCD Veterinary Medicine EDI and Athena SWAN Committee; Dr Niamh Nestor, Student Advisor; Eimear Burkley, Project Coordinator, UCD School of Veterinary Medicine; and Prof Colin Scott, UCD Vice-President for Equality, Diversity and Inclusion at the School's annual Pride event.

UCD School of Agriculture and Food Science alumnus Hugh McGuire was appointed CEO of Glanbia PLC. Professor Karina Pierce, Director of External Relations, UCD School of Agriculture and Food Science was recently appointed by Charlie McConalogue TD, Minister of Agriculture, Food and the Marine to the board of Bord Bia. Associate Professor Brona Fullen, UCD School of Public Health, Physiotherapy and Sports Science, received the International Service Award for Research at the World Physiotherapy Congress 2023 in June. Professor Carmel Mooney

and Associate Professor Emma O'Neill have been elected Fellows of the Royal College of Veterinary Surgeons – for Meritorious Contributions to Knowledge and Clinical Practice respectively.

Professor Cecily Kelleher
College Principal

7,848
Total students
in Ireland

5,728
Undergraduate students FTE

2,120
Graduate students FTE

109

109
Total students
overseas

Academic: 432
Researcher: 105
Support/Professional: 642

1,178
Total staff

Total research awards
€39,453,504

€34,085,960 **+** €5,367,544
External   Internal
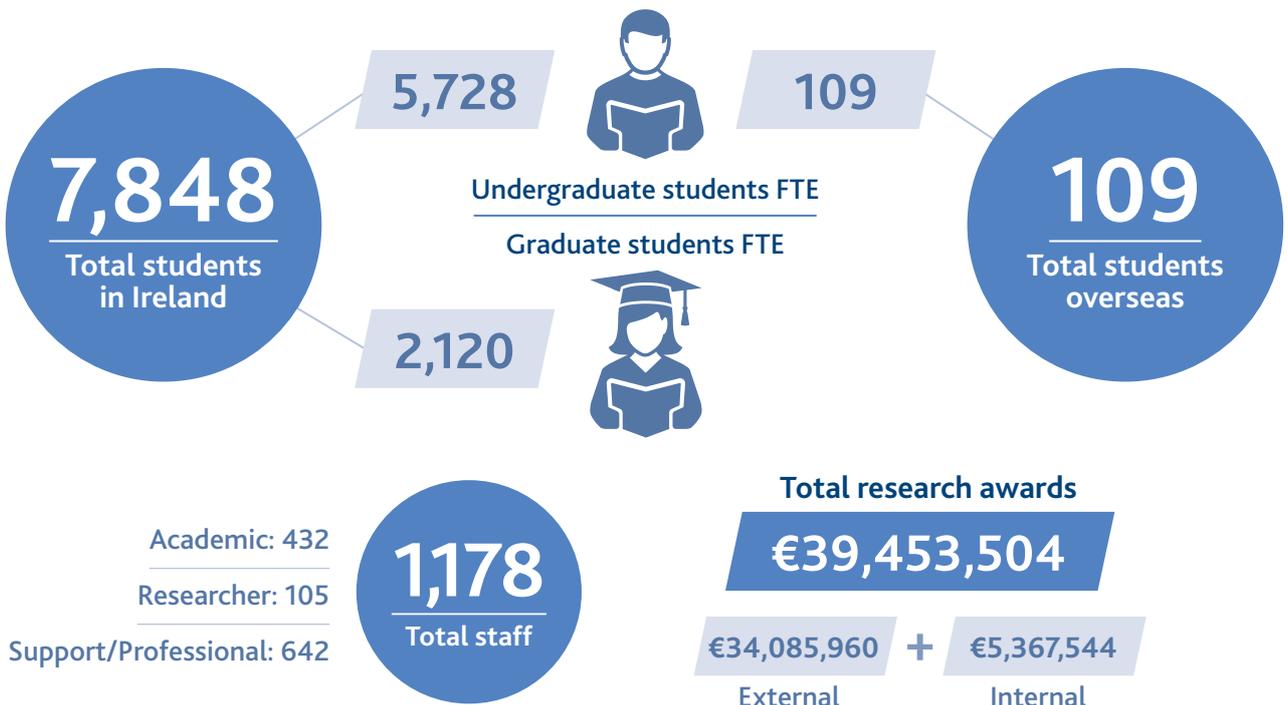
Installation of the world's first lab-based soft x-ray microscope. Dr Dimitri Scholz, UCD Conway Institute, Prof Jeremy Simpson and Dr Ken Fahy, SiriusXT.
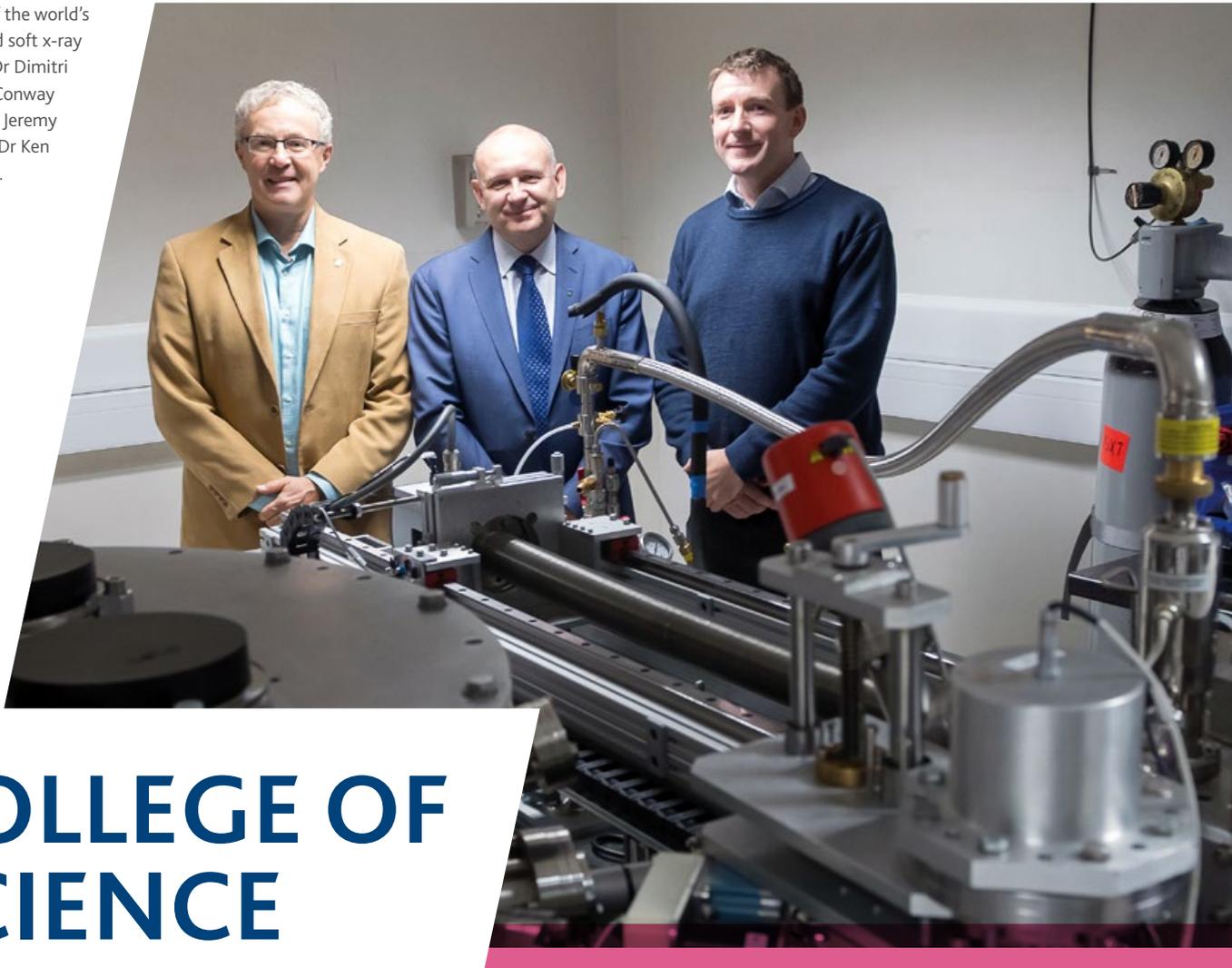
COLLEGE OF SCIENCE

Professor Jeremy Simpson
College Principal and
Dean of Science

This last year has been a milestone one for the College of Science. After several years in the planning, the Science Phase III project became tangible in the form of complete decant from Science North and West and handover of the original 1960s buildings to the main contractor.

ALMOST 14,000 SQUARE METRES of space were emptied, and the associated research groups and teaching activities relocated elsewhere in the O'Brien Centre for Science and to the newly acquired Beech Hill building at the northwest edge of the campus. The Science Phase III project, which is scheduled for completion in early Summer 2026, recently was awarded €25 million in Government funding under the HESIF II capital investment programme. The entire College eagerly looks forward to the delivery of 23,000 square metres of new and renovated space as this project develops.

Student Recruitment

The Science common entry course continues to attract the highest first preferences of any UCD CAO course, with 817 applicants selecting it as their top choice by July 2023. Early indication of the popularity of the streams was demonstrated by the record attendance at the Open Day talks in November 2022. The introduction of new streams to this flagship course has helped CAO and non-EU applicants choose the thematic stream that best matches their interests. In addition, Computer Science had a significant increase in first preferences

from CAO applicants and applications from non-EU applicants. Sustainability and Actuarial & Financial Studies were also popular courses with early round CAO points in August 2023 of 530 and 613 respectively. There was an increase in applications across a range of the graduate taught courses with students registering from more than 40 countries. The main interest in the graduate taught courses was from applicants based in Ireland, India and China with growing interest from applicants in the United States and Canada. The recruitment cycle for entry 2024 kicked off in June 2023 and the calendar is already full of planned activities including a new video series featuring students from around the world.

Teaching and Learning

As elsewhere, the greatest educational challenge faced by the College was the emergence of generative artificial intelligence (AI) software applications, such as ChatGPT. One key project addressing this challenge actively engaged with our students as partners to understand the exact current and potential future use of AI technology. This was funded by the Strategic Alignment of Teaching & Learning Enhancement (SATLE) government funding scheme, which also supported two other projects aimed at improving environmental sustainability within the curriculum. Improvements have also been made in the educational supports provided to both staff and students. The College now has six Faculty Partners on the University for All programme, who this year facilitated more than 30 academic staff to obtain the Digital Badge in Universal Design for Learning to enhance the accessibility of their teaching. Our educational technologist has also developed new online resources, Brightspace workshops and a monthly teaching newsletter. This growth in teaching recognition was highlighted by the excellence of our seven College Teaching Award winners.

Widening Participation

All cohorts of students continue to be well represented in the College, with an intake of 147 Access students across undergraduate programmes. First year students from that cohort were invited to join the UCD Science mentoring programme again this year. A total of 47 faculty members across the College agreed to act as academic mentors on this scheme in order to support these students through their first year in UCD. These mentors make themselves available to answer questions on academic programmes, modules or the exams process.

Improvements have also been made in the educational supports provided to both staff and students. The College now has six Faculty Partners on the University for All programme, who this year facilitated more than 30 academic staff to obtain the Digital Badge in Universal Design for Learning to enhance the accessibility of their teaching

The College participated enthusiastically in recruitment fairs in India and North America and conducted a lecture series in high schools across multiple countries. Travel to the Asia Pacific region, the UAE, India, North America, and South Africa to enhance collaborations was also a central aspect of the global engagement activities

The College of Science University for All implementation team continued to roll out the priority actions to mainstream inclusion across the College, including a checklist to initiate contact between module coordinators and students with accommodations, and to signpost what additional supports are available. Eight Cothram na Féinne Graduate Scholarship fee waivers were offered again this year for taught Masters programmes across the seven Schools in the College to support widening participation in graduate programmes.

Global Engagement

Throughout the 2022/23 academic year, the College Global Engagement Group commenced implementation of their Strategy, alongside formulating the first regional strategies for China and Africa. The College participated enthusiastically in recruitment fairs in India and North America and conducted a lecture series in high schools across multiple countries. Travel to the Asia-Pacific region, the UAE, India, North America, and South Africa to enhance collaborations was also a central aspect of the global engagement activities, helping grow the international reputation of the College through the establishment of several new partnership agreements. One of the highlights of the year was College of Science sponsorship of the Cape Town Science Expo 2023, where the College Principal and VPI served as Expo judges for student awards in a number of discipline categories. This engagement also resulted in the College VPI featuring on local radio in Cape Town.

Research and Impact

The College has had enormous success in securing major research funding during the last year. Highlights include a coveted European Research Council (ERC) Proof of Concept grant, awarded to Professor Frédéric Dias, UCD School of Mathematics and Statistics, to aid the development of maritime wireless technology and support his existing ERC Advanced Grant. Professor Kenneth Dawson, UCD School of Chemistry, was awarded an ERC Advanced Grant for his project FunctionalNanoTher. Assistant Professor Rainer Melzer and Associate Professor Rory Johnson, UCD School of Biology and Environmental Science, secured IRC Consolidator Awards. Associate Professor Susan Quinn, UCD School of Chemistry, was the recipient of the 2023 Eva Philbin Lecture Award. Dr Antonio Benedetto, UCD School of Physics, won the 2023 Michele Auger Award for Young Scientists' Independent Research. This award is coordinated

College structure

Associate Professor Tara McMorrow
Associate Dean of Science

Assistant Professor Gavin Stewart
Vice-Principal for Teaching and Learning

Associate Professor Catherine Mooney
Vice-Principal for Equality, Diversity and Inclusion

Professor Eleni Mangina
Vice-Principal International

Associate Professor Elaine O'Reilly
Vice-Principal for Research and Innovation

Associate Professor Carl Ng
Associate Dean for International Study

Associate Professor Siobhán McClean
Associate Dean for Widening Participation

Associate Professor Vio Buchete
Vice-Principal for Graduate Studies

by the Biophysical Reviews journal and helps to recognise the next generation of biophysicists.

Professor Padraig Dunne, UCD School of Physics received a prestigious ERC Synergy grant, becoming the first in Ireland to be awarded the Synergy Grant for STEM. A spectroscopist in the area of laser plasma emission and absorption spectroscopy, Professor Dunne will act as one of the Principal Investigators for project 'HEAVYMETAL', which received over €11 million in funding from the ERC. Professor Sheila McBreen, also from the UCD School of Physics, was awarded an SFI Frontiers Grant, who aims to build and launch a new Irish satellite to detect gamma-ray bursts and build research capacity for the Irish space sector. In collaboration with SiriusXT, a spin-out company from the UCD School of Physics, Professor Jeremy Simpson, UCD School of Biology and Environmental Science, and Professor Oliver Blacque, UCD School of Biomolecular and Biomedical Science, secured a €2.5 million doctoral training network award from the EU with partners in France, Spain and Germany to establish innovative use cases for soft x-ray imaging using the world's first laboratory-based instrument.

Awards and Recognition

There have been an impressive number of colleagues across the College who have received awards and recognition for outstanding contributions in their field. Associate Professor Siobhán McClean from the UCD School of Biomolecular and Biomedical Science, inventor of a vaccine candidate for Melioidosis, received the 2023 NovaUCD Licence of the Year Award. Professor Stefan Oscarson, UCD School of Chemistry, was also a recipient of a 2023 NovaUCD Innovation Award. The award relates to the development of a novel mucolytic drug which has potential to address a large unmet need for patients with mucus-associated lung diseases.

In April 2022, Associate Professor Aoibhinn Ní Shuilleabháin, UCD School of Mathematics and Statistics, was nominated by An Taoiseach Mícheál Martin to chair the national Citizens' Assembly on Biodiversity Loss. Professor Patricia Maguire, UCD School of Biomolecular and Biomedical Science, and the AI_PREMie team won the Social Impact Award at the Analytics Institute's Analytics and AI Awards 2023. Professor Patrick Guiry, UCD School of Chemistry, has been elected as the 58th President of the Royal Irish Academy, Ireland's leading body of experts in the sciences and humanities. A team of scientists working off the west coast of Ireland have set a new world record for the furthest broadband transmission from a ship at sea back to land without satellite or cellular

Pictured (l-r) are Michael Black, HBAN Northern Ireland with Assoc Prof Antoinette Perry and Edward Simons, co-founders of EpiCapture, a UCD spin-out, named winner of the award for the best venture stemming from a university spin-out or support programme at the final of the 2022 InterTradeIreland Seedcorn Investor Readiness Competition.

A team of scientists working off the west coast of Ireland have set a new world record for the furthest broadband transmission from a ship at sea back to land without satellite or cellular connection

College structure

The College of Science consists of seven schools:

Professor Evelyn Doyle
Head of School, School of Biology and Environmental Science

Professor Wim Meijer
Head of School, School of Biomolecular and Biomedical Science

Professor James Sullivan
Head of School, School of Chemistry

Associate Professor Neil Hurley
Head of School, School of Computer Science

Professor Peter Haughton
Head of School, School of Earth Sciences

Associate Professor Edward Cox
Head of School, School of Mathematics and Statistics

Professor Emma Sokell
Head of School, School of Physics

As at 1 September 2022

In a wonderful example of research-led teaching, a UCD research team have discovered the first European isolates of a yeast that is a parent of the hybrid yeasts used in lager brewing, from soil on the university campus. The strains are now available for licencing through NovaUCD

connection. SeaFi is a self-funded scientific research project that provides enabling technology behind the European Research Council (ERC) funded project HIGHWAVE, which is led by Professor Frédéric Dias, UCD School of Mathematics and Statistics and ENS Paris-Saclay.

Innovation

Aer Therapeutics, a joint UCD and University of California, San Francisco biopharmaceutical spin-out company, headquartered in Raleigh, North Carolina, announced the closing of a $36 million Series A financing round. Proceeds from the financing will be used to advance the development of AER-01, which is a novel inhaled small molecule mucolytic drug. Professor Stefan Oscarson, UCD School

of Chemistry, is a co-founder of Aer Therapeutics. In a wonderful example of research-led teaching, a UCD research team led by Professor Geraldine Butler, Professor Kenneth Wolfe with Associate Professor Tadhg Ó'Cróinín and undergraduate genetics student Stephen Allen, have discovered the first European isolates of a yeast that is a parent of the hybrid yeasts used in lager brewing, from soil on the university campus. The strains are now available for licencing through NovaUCD.

Professor Jeremy C Simpson
College Principal / Dean of Science

3,356
Undergraduate students FTE

438

5,318
Total students in Ireland

438
Total students overseas

Graduate students FTE

1,962

Academic: 275
Researcher: 151
Support/Professional: 254

680
Total staff

Total research awards

€58,465,708

€51,559,499 **+** €6,906,209

External   Internal
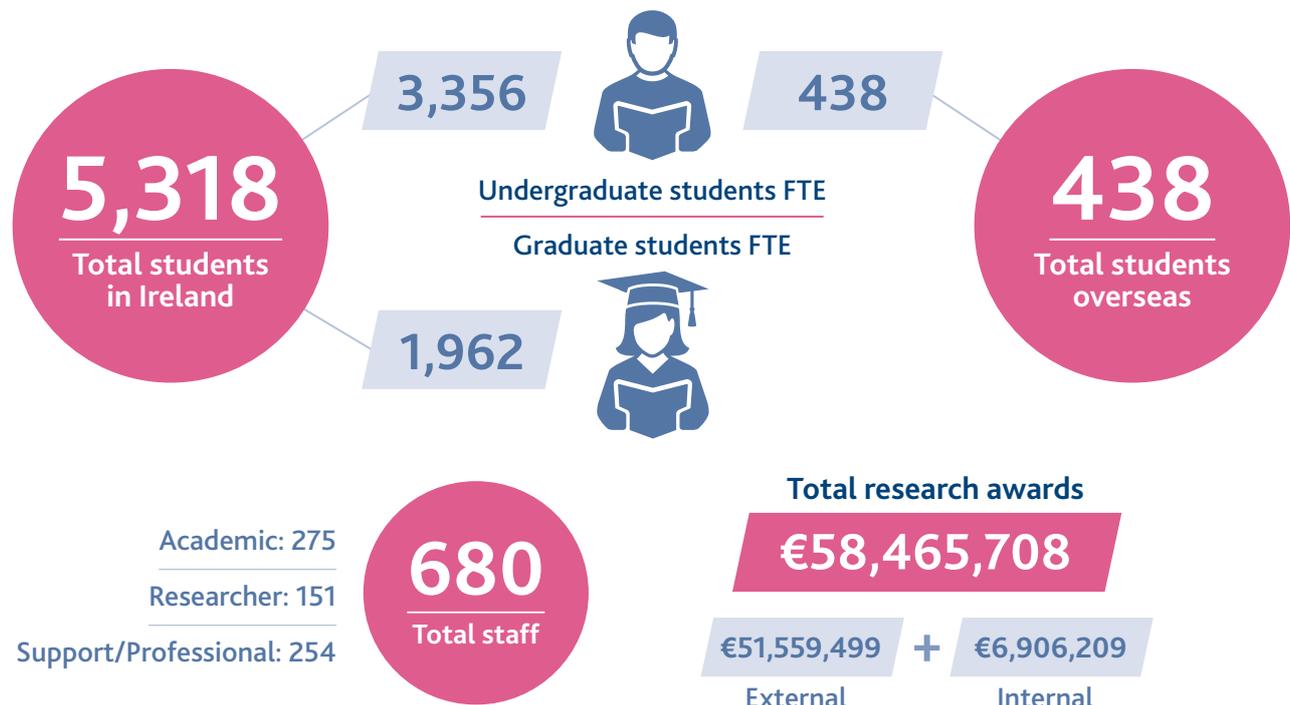
Attending an event hosted at the Irish Embassy of Belgium during the annual trip to Brussels by masters students from the UCD School of Politics and International Relations. are (l-r): Samuel Johnson, UCD School of Politics and International Relations; Adeline Farrelly Secretary General of the European Container Glass Federation; Kevin Conmy, Irish Ambassador to Belgium; Clodagh Scott, IAPP; Michael Scanlon Project Officer at the European Parliament; and Prof Colin Scott.

COLLEGE OF SOCIAL SCIENCES AND LAW

Professor Colin Scott
College Principal and
Dean of Social Sciences

The academic year 2022/23 has been a very successful one across our educational activities, research successes and community engagement.

THE COLLEGE HAS ENJOYED significant achievements in all our major areas of activity and in particular the recognition in the 2023 QS Subject World Rankings (QSWUR) with Library and Information Management ranked in the top 50 in the world and the following subjects ranked in the top 100 – Law, Archaeology, Politics and International Studies, and Philosophy.

Education, Learning and Student Experience

Our undergraduate programmes continue to attract an excellent and diverse cohort of students. During the year the College launched two new four-year degrees: BSc Criminology with Psychology, and the BEd Education with Gaelige and/or modern languages. The suite of graduate taught courses offered by the College continued to attract strong interest from EU and non-EU applicants and a new MSc Economics and Data Analytics programme from the UCD School of Economics was launched.

Under the stewardship of the VP for Teaching and Learning, Dr Sarah Morton, there was a continued focus on student engagement and use of digital technology to support student learning, including commencement of the development of a College Technology Enhanced Learning Strategy. The Teaching Support Training Programme continues to provide both a professional award for teaching support staff, and to support the ongoing enhancement of student experience within tutorials and seminars. The College was delighted that four academic members of staff were recipients of the University level Teaching and Learning awards in recognition of their sustained commitment

The College has enjoyed significant achievements in all our major areas of activity and in particular the recognition in the 2023 QS Subject World Rankings (QSWUR) with Library and Information Management ranked in the top 50 in the world

to teaching excellence and student learning. The awardees were Dr Rachel Farrell, UCD School of Education; Dr Stefan Müller, UCD School of Politics and International Relations; Associate Professor Aideen Quilty and Dr Ernesto Vasquez Del Aguila, both UCD School of Social Policy Social Work and Social Justice.

Widening Participation

Demonstrating the commitment to widening participation at both undergraduate and postgraduate level, the College VP for Widening Participation, Dr Graham Finlay and key stakeholders implemented the Widening Participation Action Plan, improving the way the College communicates to and support students. In terms of access routes, the College performed strongly in individual undergraduate programmes, with 50% of new BSocSc Social Policy and Sociology, 30.4% of Psychology and 32.8% of Law students accessing these degrees through widening participation routes.

UCD Cothrom na Féinne undergraduate scholarships were awarded to 65 current students. The College also continued to participate in the UCD Cothrom na Féinne postgraduate fee waiver scheme this year and awarded two fee waivers to Masters students in Professional Masters of Education and MA International Relations.

Research, Innovation and Impact

The College has seen an increase in externally funded awards to €16.8 million, also reflected in the growing number of research staff in the College, which has more than doubled in the past five years. Research in the College continues to go from strength to strength with record grant funding successes, a growing cohort of research staff (up from 45 in 2019 to 78 in 2023), growing scholarly output and a citation impact that is on a consistent upward trajectory.

The College has had significant success under Horizon Europe, now hosting eight European Research Council Grants, representing each level of award. This past year continued the trend with the award of ERC consolidator grants of €2 million to Professor Aisling Swaine, UCD School of Social Policy, Social Work and Social Justice on 'Gender conflict and coercive control: a feminist phenomenological expansion of conflict related harm – (GENCOERCTRL) and to Professor Rosana Pinheiro-Machado, UCD School of Geography on 'Flexible Work Rigid Politics: The Nexus Between Labour Precariousness and Authoritarian Politics in The Global South (Brazil India Philippines) (WorkPoliticsBIP). Associate Professor Joseph Lacey, UCD School of Politics and International Relations was awarded an ERC starting grant of €1.5 million on the topic of 'Moral Agency in Election Campaigns (ELECT)'.

Colleagues were also successful in several Horizon Europe programme strands. These include awards to Assistant Professor Dorota Szelewa (€285,461) for research into Transformations in European Work and Social Protection; Associate Professor Mathew Creighton (€415,258) for his work into discrimination and prejudice against marginalised groups in Europe; Associate Professor Laura Taylor (€363 673) for her research into Augmented Social Play (ASP) smartphone enabled psychotherapeutic interventions to support mental health'. Assistant Professor Brendan Spillane, (€317,740) for his research into vital intelligence to investigate illegal disinformation under the programme for Civil Security for Society and Professor Joe McMahon (€95,893) for his work into circular nutrient flows from fork to farm, funded under the programme for Food Bio economy, Natural Resources, Agriculture and Environment.

The Irish Research Council continued to be a strong source of funding for the College through its diverse schemes with reach across all Schools which included the funding of postgraduate scholarships to the tune of €1,585,000.

The diversity in funding within the College is also reflected in awards secured through a range of funding agencies. Professor Lisa Ryan, UCD School of Economics was awarded €1,394,000

The overall winner of the 2023 University Research Impact Award case study competition was Prof Eilis Hennessy, with Aine French and Dr Daráine Murphy, from UCD School of Psychology and their case study 'Helping parents support youth mental health', highlighting how research from the School is changing lives. The College had five additional case studies awarded as runners up in the competition.

College structure

Professor Colin Scott
College Principal / Dean of
Social Sciences

Professor Niamh Moore Cherry
Deputy College Principal

Dr Aideen Quilty
Associate Dean, Undergraduate
Social Sciences

Professor Lauren Pech
Dean of Law

Dr Elaine Wilson
Associate Dean, Graduate Studies

Dr Graham Finlay
Vice-Principal for Widening
Participation

Professor Dympna Devine
Vice-Principal for Research,
Innovation and Impact

Dr Sarah Morton
Vice-Principal for Teaching
and Learning

Dr Bernd Justin Jütte
Vice-Principal for Global
Engagement

Dr Joe McGrath
Vice-Principal for Equality,
Diversity and Inclusion

**UCD College of Social Sciences
and Law consists of 11 Schools:**

Professor Joanna Bruck
Head of School, UCD School
of Archaeology

Associate Professor Kevin Denny
Head of School, UCD School
of Economics

**Associate Professor
William Kinsella**
Head of School, UCD School
of Education

Associate Professor Julien Mercille
Head of School, UCD School
of Geography

Prof Eoin Carolan SC, Minister Roderic O'Gorman TD, Orla Keane, Mental Health Commission, and Prof Laurent Pech, attending a seminar coinciding with the introduction of the Assisted Decision-Making Capacity Act.

for her research into electricity systems and climate action modelling by the Department of Environment, Climate and Communications. Funding by the Swiss National Science Foundation of €276,099 was awarded to Assistant Professor Stefan Muller, UCD School of Politics and International Relations and Associate Professor Ainhoa Gonzalez Del Campo, UCD School of Geography secured €175,377 from the Environmental Protection Agency. Assistant Professors Seaneen Sloan, Gabriela Martinez Sainz and Olga Ioannidou, UCD School of Education were awarded €163,000 under ReThink Ireland.

The College Research Committee also organised two research showcase events during the year with a focus on Sustainable Communities/Sustainable Societies in December 2022, followed by the Advancing and Transforming Society through Digital Technologies event in April 2023.

Engagement

To celebrate International Women's Day 2023, Dr Joe McGrath, VP for Equality, Diversity and Inclusion hosted a webinar with UCD Alumni Awardee in Law, Bill Shipsey who was in conversation with trailblazing alumna Dr Lydia Foy who led the changes to Ireland's gender recognition laws.

UCD Sutherland School of Law hosted many events on campus including the annual John M Kelly lecture with guest speaker, renowned philosopher Baroness Onora O'Neill. Book launches included *Palles: The Legal Legacy of the Last Lord Chief Baron,* co-edited by Professor Oonagh Breen and Dr Noel McGrath, launched by Mr Justice Gerard Hogan. Dr Mark Coen co-authored *A Dublin Magdalene Laundry: Donnybrook and Church-State Power in Ireland* with Dr Maeve O'Rourke and Professor Katherine O'Donnell. The Centre for Constitutional Studies hosted a series of events. At a seminar coinciding with the introduction of the Assisted Decision-Making Capacity Act, Minister Roderic O'Gorman TD and Mr Justice David Barniville chaired panels. At the Annual Public Law Conference, Attorney General Rossa Fanning, Mr Justice Collins, Ms Justice Butler and Mr Justice O'Higgins were among a distinguished panel of speakers.

Global engagement activities focused on increasing partnership activities with India, Japan and South Korea with VP for Global Engagement, Dr Justin Jutte participating in missions in all these regions during the year. He was also a guest lecturer at partner institutions including Amity Law School, BITS Law School, NALSAR University of Law (Hyderabad) and Ritsumeikan University (Kyoto).

College structure

Professor Eugenia Siapera
Head of School, UCD School of Information and Communication Studies

Professor Laurent Pech
Head of School and Dean of Law, UCD Sutherland School of Law

Professor Maeve Cooke
Head of School, UCD School of Philosophy

Associate Professor Jos Dornschneider-Elkink
Head of School, UCD School of Politics and International Relations

Professor Suzanne Guerin
Head of School, UCD School of Psychology

Professor Karen Anderson
Head of School, UCD School of Social Policy, Social Work and Social Justice

Professor Steven Loyal
Head of School, UCD School of Sociology

As at 1 September 2022

Dr Anita Radini, UCD School of Archaeology, was named as one of nine recipients for 2023 prestigious Dan David Prize – the largest award for history research in the world. This award was in recognition for her pioneering research highlighting the labours of the often-invisible craftspeople and workers behind history's ancient monuments and artwork. Dr Shane Bergin, UCD School of Education was the recipient of the 2023

Leonardo da Vinci International Award given by European Rotary Clubs for his interdisciplinary scholarship – most notably engaging the public with, and in, science.

Professor Colin Scott
College Principal and Dean of Social Sciences

Pictured with the 2023 Irish Young Philosophers Awards overall winner Seán Radcliffe are Dr Áine Mahon, UCD School of Education, Prof Colin Scott and Dr Danielle Petherbridge, UCD School of Philosophy. The event, now in its sixth year, took place at UCD with over 500 young philosophers from the island of Ireland in attendance, encouraging pupils at primary and secondary level to develop their critical thinking skills.

6,229
Total students in Ireland

3,903
Undergraduate students FTE

2,326
Graduate students FTE

208

208
Total students overseas

Academic: 260
Researcher: 52
Support/Professional: 115

**428**
Total staff

Total research awards

€19,031,585

€16,811,847
External

+

€2,219,738
Internal
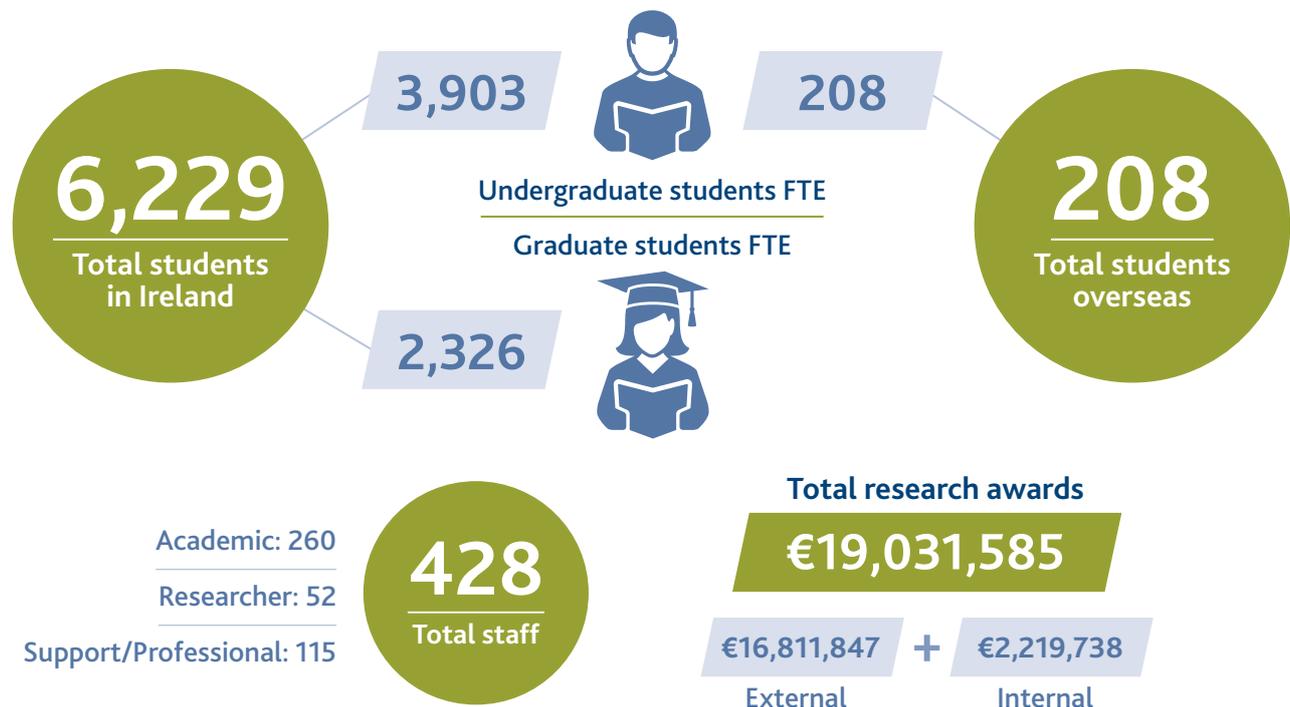
UNIVERSITY AWARDS

UCD Alumni Awards 2022

The UCD Alumni Awards recognise and celebrate the success and exceptional achievement of UCD alumni. Their accomplishments and successes are a source of great pride to the University and an inspiration to present and future generations of students. Awards are presented across a range of areas celebrating the breadth of endeavour across our alumni community.

Consolata Boyle *BA 1972*

UCD Alumni Award in Arts and Humanities

Consolata Boyle is a world-renowned costume designer in theatre, film and television who trained in design at the Abbey Theatre in Dublin. She has received Oscar, Emmy, and BAFTA nominations for her work, and has won a Primetime Emmy Award, a Costume Designers Guild Award and multiple IFTA Awards.
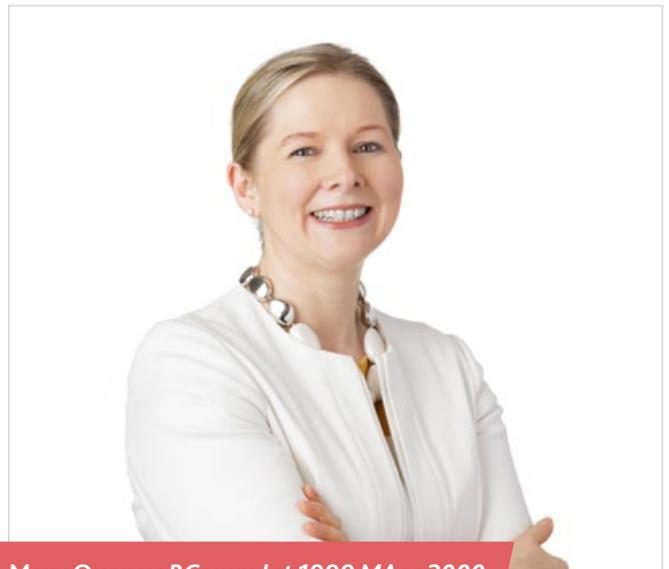
Mary Quaney *BComm Int 1999 MAcc 2000*

UCD Alumni Award in Business

Mary Quaney is Chief Executive Officer of Mainstream Renewable Power, an Irish-based renewable energy company specialising in the development of onshore and offshore wind and solar projects. Alongside her qualifications from UCD, Mary is a Fellow Chartered Accountant (FCA), Chartered Tax Adviser (CTA) and is an advocate and spokesperson on gender diversity.

Ciaran Connell *BE 1982*
Michael McLaughlin *BE 1982 MEng 1992*

UCD Alumni Award in Engineering and Architecture

Ciaran Connell and **Michael McLaughlin** are veterans of the communications and semiconductor industry. Ciaran and Michael are co-founders of Decawave (now Qorvo), the recognised industry leader in Impulse-Radio Ultra-Wideband (IR-UWB) silicon. Both are still actively involved in the company and were recipients of the Distinguished Graduate Award from the UCD Engineering Graduates Association (EGA) in 2021.

Michael Burke *MVB 1970*

UCD Alumni Award in Health and Agricultural Sciences

Michael Burke is the founder and executive chairman of Chanelle Pharma, Ireland's leading provider of human and animal health generic pharmaceuticals. Since its inception in 1985, Chanelle has expanded globally with a presence in over 90 countries worldwide. Based in Co Galway, the company prides itself with a strong emphasis on research and development.

Bill Shipsey SC *BCL 1979*

UCD Alumni Award in Law

Bill Shipsey SC is a human rights activist and artist event promoter. A retired Senior Counsel barrister, Bill is the Founder and Executive Director of Amnesty International's global artist engagement programme, *Art for Amnesty*. He also initiated the Ambassador of Conscience Award, Amnesty International's most prestigious human rights award, and has been involved with many philanthropic organisations and boards.

Dr Martin J Tobin *MB BCh BAO 1975*

UCD Alumni Award in Research, Innovation and Impact

Dr Martin J Tobin is a critical care doctor, pulmonologist and academic. He is a leading expert in acute respiratory failure, mechanical ventilation and neuromuscular control of breathing. Dr Tobin has served as Editor-in-Chief of the American Journal of Respiratory and Critical Care Medicine and his textbook *Principles And Practice of Mechanical Ventilation* has been described as the bible in its field.

Conrad Burke *BSc 1989*

UCD Alumni Award in Science

Conrad Burke is the co-founder and managing partner of MetaVC Partners. An entrepreneur and investor, he is a leading figure in the worlds of renewable energy, optical communications, nanomaterials and biosciences. Conrad has served on the boards of a number of technology companies, and received the Technology Pioneer Award from the World Economic Forum.
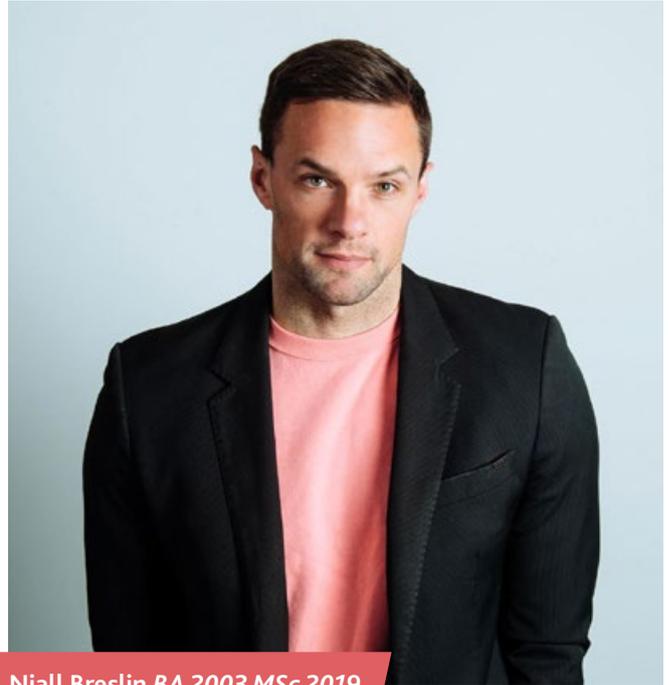
Niall Breslin *BA 2003 MSc 2019*

UCD Alumni Award in Social Sciences

Niall Breslin is the co-founder of the award-winning youth mental health charity, A Lust for Life and hosts the critically acclaimed 'Where Is My Mind' podcast. Also an author, musician, athlete, speaker and producer, Niall is passionate about normalising conversations around youth mental health, educating children on mindfulness and emotions.
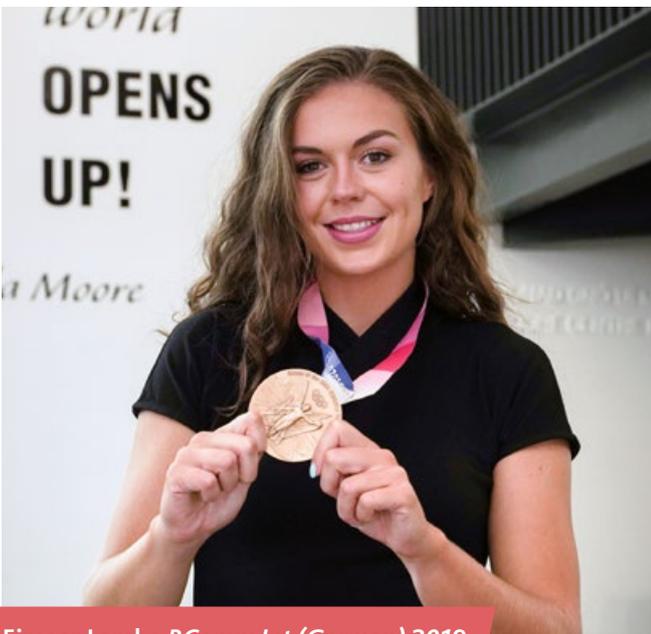
Eimear Lambe *BComm Int (German) 2019*

UCD Alumni Award in Sport

Eimear Lambe with fellow teammates won Ireland's first medal of the 2020 Tokyo Summer Olympics with a bronze in the Women's Coxless Four event. Their podium finish was the first-time female rowers have won an Olympic medal for Ireland, and they are only the second ever female Irish crew to reach an Olympic final.

Ulysses Medal

Paul Brady

Ulysses Medal
**Citation by Associate Professor
PJ Mathews, UCD School of English,
Drama and Film**

In recognition of his immense contribution and leadership in the performing and recording arts, and as one of Ireland's most celebrated and beloved musicians, **Paul Brady** received the UCD Ulysses Medal, the highest honour UCD can bestow.

His distinguished career has been characterised by an unrivalled ability to rediscover and reimagine great songs from the storehouse of tradition and to place them at the epicentre of Irish cultural life once more. His gift as a maker of melodies is matched by his flair as a lyricist. His well-crafted words have engaged, consoled, excited, and inspired us for decades. If anything characterises his music, it is a relentless drive to follow his own creative instincts and break through the often-rigid demarcations and expectations of the Irish musical landscape. As a distinguished UCD Creative Fellow, he gives generously of his time to contribute to Creative Futures Academy programmes in the creative and performing arts and is immensely generous in sharing his experience and insights with our students in masterclasses and seminars.

As a musician spanning genres from folk and traditional music to rock and pop, and a songwriter of national and international distinction, he has played an exceptional role as a performing and recording artist for over five decades. Paul's place as one of Ireland's most celebrated and beloved musicians is without question. His distinguished career has been characterised by an unrivalled ability to rediscover and reimagine great songs from the storehouse of tradition and to place them at the epicentre of Irish cultural life once more. Moreover, he has excelled in having many of his own original compositions earn their place within the 'Great Irish Songbook', and within the hearts of generations of fans in Ireland and across the world. Paul's work has been internationally recognised and acclaimed for many decades. He is highly regarded and emulated by international recording artists of the calibre of Bob Dylan, Tina Turner, Mark Knopfler, Carole King, and Bonnie Raitt, many of whom have covered his original songs.

Honorary Degrees

Professor Michael Apple

Honorary Doctor of Education
**Citation delivered by Professor Dympna
Devine, UCD School of Education**

Professor Michael Apple graduated from Columbia University, New York, with his MA in 1967 and Education Doctorate in 1970, setting him on the road to a distinguished academic career in the Department of Curriculum and Instruction and Educational Policy in University of Wisconsin Madison, where he remained until 2018. He is a renowned World Scholar, a Laureate of Kappa Delta Pi – the US based International Honor Society in Education. Membership of this Laureate chapter is limited to 60 living scholars judged to have made a significant and lasting impact on the profession of education.

"Here in Ireland, and especially in UCD, we have been truly fortunate to have an individual of such stature and humanity as a critical friend. He has shared his expertise generously, a strong and supportive advocate for scholarship and teaching in education, equality and social justice, including the establishment of the Equality Studies Centre here in UCD in 1990, but also in profiling the work of Irish and early career scholars internationally through his membership of the editorial board of the journal of the Educational Studies Association of Ireland. Fundamentally, he has inspired those with a passion and interest in education to see the value in what they do, in connecting with the grain of decency, care and criticality that is the essence of the student teacher relationship, sensitive always to the power of and in education, for good."

Professor Richard Bourke

Honorary Doctor of Arts
Citation delivered by Professor Brian O'Connor, UCD School of Philosophy

Professor Richard Bourke is Professor of the History of Political Thought, and Fellow in History and Politics at King's College, Cambridge, positions he has held since 2019. Then a lecturer, later professor at Queen Mary University of London, he gained the regard of many of the greatest minds in the academic domains of political thought and intellectual history. His landmark publication to date is a monumental study of the political thinker and politician, Edmund Burke. The book, Empire and Revolution: The Political Life of Edmund Burke, has received numerous accolades and secured Professor Bourke's standing as his generation's leading historian of political ideas.

"He embodies the practices of intellectual curiosity and thoroughness and serves as an exemplar for anyone who believes that we are entitled to look beneath the surfaces of what culture and society have to offer. We must be prepared to discover the unexpected or the inconvenient at the cost of unsettling ourselves personally, and for that, as Richard Bourke repeatedly demonstrates, fearlessness is required. We should also dare, like Professor Bourke, to mould our intellectual efforts to the matter in hand, to respond to what is under investigation in the ways demanded by what needs to be understood. This too is bravery, a willingness to renew oneself as an enquirer time and time again."

Professor Gráinne de Búrca

Honorary Doctor of Laws
Citation delivered by Professor Imelda Maher, UCD Sutherland School of Law

Professor de Búrca is the Florence Ellinwood Allen Professor of Law at New York University Law School where she is also the Faculty Director of the Hauser Global Law School and Director of the Jean Monnet Center for International and Regional Economic Law & Justice. Her career is characterised by two related phenomena, transition and erudition. Professor de Búrca has achieved a scholarly reputation that transcends the customary jurisdictional constraints. Each time she has relocated she has changed the focus of her scholarship, and she has developed a formidable reputation across three related domains: European Union Law, Human Rights Law, and Constitutional Law.

"Professor de Búrca has proven herself an intellectual leader combining collegiality with scholarly rigour. In addition to her extraordinary and richly deserved scholarly reputation, Professor de Búrca is also renowned for her generosity towards more junior academics and PhD students with those most precious commodities – time and attention. She has mentored hundreds of them at this stage, especially women. And I think it is fair to say, that she has always had a special welcome for any Irish student or scholar she has met along the way."

Professor Liam Dolan

Honorary Doctor of Science
Citation delivered by Professor Fiona Doohan, UCD School of Biology and Environmental Science

Professor Liam Dolan is a leading global expert in plant root biology and plant evolutionary biology. His interest in plant root biology began with his early career in the University of Pennsylvania USA and the John Innes Centre, UK. His research and teaching activities have greatly improved our understanding of how plants function, and their importance within ecosystems. Throughout his research career, Professor Dolan has used a variety of approaches – genetics, molecular biology, cell biology, palaeontology, geochemistry – to discover mechanisms that control the development of roots, their origin and evolution, and their role in the Carbon Cycle between 400 and 500 million years ago.

"Professor Dolan has led the development of teaching, research and innovation within plant sciences through his aforementioned appointments and activities, but also as the current Deputy Director of the Gregor Mendel Institute in Vienna and previously as Head of Department of Plant Sciences, University of Oxford. He has also held visiting and honorary professorship positions at several leading universities, including UCD. Over the last few decades, he has contributed significantly to the development of Irish Plant Science and Biology through his contributions to UCD and the wider Irish scientific community. He has used skills developed as a scientist and academic for societal good. These activities include those in voluntary organisations and charities."

Michael F Farrell

Honorary Doctor of Laws
Citation delivered by Dr Liam Thornton, UCD Sutherland School of Law

Michael Farrell has dedicated his professional life to highlighting injustices within society. He has utilised law as a means to uphold the civil and human rights of groups, who at times, were, and unfortunately still are, marginalised in society. In the late 1960s and early 1970s, Michael was a civil rights leader and activist. This resulted in his publishing highly regarded books reflecting on various socio-political issues in Northern Ireland. In the 1980s, he was an accomplished journalist. His work highlighted, amongst other things, the campaign for justice for the Birmingham Six and the Guildford Four.

"All in all, an impartial observer would conclude that Michael Farrell has been one of the most important public interest lawyers for over twenty years in Ireland. His leadership and expertise within the Irish Council for Civil Liberties and his work on the Law Society's Human Rights Committee, contributed positively to a whole range of areas for proposed law reform. His expertise in human rights law resulted in his independent appointment, and subsequent reappointment as a Commissioner in the then Irish Human Rights Commission from 2000-2011."

Niall Fitzgerald

Honorary Doctor of Economic Science
Citation delivered by Professor Anthony Brabazon, Principal, UCD College of Business

Niall Fitzgerald spent his executive career with Unilever, through a variety of postings spanning Ireland, the Netherlands, South Africa, the US and the UK, serving as an executive board member for 18 years and as Chairman and CEO from 1996 until 2004. On his appointment as Chairman of Unilever, Niall was both the youngest and the first non-English person ever appointed to the position. Unilever's reach is truly immense. With annual sales in excess of €52 billion and over 150,000 employees globally, its products are available in over 190 countries and are used by over 3.4 billion people daily.

"Niall has a strong sense of social justice and a belief that, a business leader has a responsibility to the broader community. His philosophy in life can be summed up as … 'Do unto others as you would they do unto you'. In interviews over the years, Niall has emphasised the importance of 'getting involved', noting that if you want to make a difference you must be prepared to get inside and make the changes and convince people. Niall notes that: "You can't drive changes from observing on the outside". Another key insight from Niall's perspective on management is the inseparable nature of innovation and risk – pithily summed up by Niall as "Zero risk, zero innovation". He is a strong believer in risk taking and risk management—as opposed to risk aversion."

Cathriona Hallahan

Honorary Doctor of Science
Citation delivered by Professor Jeremy Simpson, Principal, UCD College of Science

As the former Managing Director for Microsoft in Ireland, **Cathriona Hallahan** was responsible for driving Microsoft's commercial business on the island of Ireland. In addition to directing the continued growth and expansion of the business, she also represented the company in Ireland on all strategic policy, corporate affairs and communications matters, including overseeing a number of community, education and innovation programmes.

"Global giants such as Microsoft, Amazon, Google, Apple, Intel, IBM, and Dell Technologies have built huge presences in Ireland, firmly positioning the country as the internet capital of Europe. Cathriona is one of the architects of this success, leading the development of this revolution, which has created so much hope for Ireland's future and the role which digital technologies can play in supporting prosperity. Her achievements in business are singular: building Microsoft Ireland to become one of the state's largest businesses with annual sales of more than €40 billion and employing more than 2,000 people."

Dr Peter Harbison (RIP 2023)

Honorary Doctor of Science
Citation delivered by Professor Tadhg O'Keeffe, UCD School of Archaeology

Throughout his long and celebrated career as archaeologist and historian, **Peter** moved effortlessly between the conference hall and the parish hall and was as happy to write for a local history magazine as for a top-ranked international journal. He was that rare breed: a serious scholar who is also a great populariser and a passionate communicator. His most influential work is a Guide to the National Monuments of Ireland, first published in 1970. It alerted people to our ancient and medieval sites, it explained what things were, and it even identified where the key-holders lived.

"Peter's research career, now in its seventh decade, has had three distinct phases, each marked by a specific period interest. His early work was on prehistory, Irish and Iberian. In the 1970s, whilst maintaining research interests in prehistoric archaeology, Peter was drawn increasingly to the art and culture of Christianity in medieval Ireland. Architecture featured prominently in his early research on the middle ages, but in the 1980s, his focus shifted to early medieval stone sculpture and, to a lesser degree, contemporary art in other media. In the 1990s Peter added yet another string to his bow. The Royal Irish Academy invited him to publish some watercolours by the great Hugenot artist, Gabriel Beranger, and soon Peter established himself as the leading authority on Irish antiquarian topographical drawings."

Professor Alvin Jackson

Honorary Degree of Doctor of Arts
Citation delivered by Professor Diarmaid Ferriter, UCD School of History

Historian, **Professor Alvin Jackson's** great skill over decades of original, challenging and skillful research and writing has been to excavate the different forces driving Unionism in Ireland. In doing so, he has excelled as a historian of unionism and by extension of modern Irish and British history, the range and depth of his knowledge and mastery of the sources allowing him by 1999 to produce his powerful survey of two centuries, Ireland 1798-1998: Politics and War.

"Alvin came to master the Protestant sense of history in Northern Ireland, bringing the cool, analytical skill of the historian to a unionism that, as he recognises 'does not demand a complex vision of its own past'. Exploring the historical perspectives of modern unionism and the bond between that vision of the past and contemporary unionist action has allowed him to compare popular and official memories with available historical evidence and illustrate 'the success with which setbacks and complexities were concealed'. For students of history, general readers and contemporary commentators, understanding the unionist perspective cannot be achieved without reference to Alvin's work."

Dr Sunita Kaistha

Honorary Doctor of Economic Science
Citation delivered by Professor Dolores O'Riordan, UCD Vice-President for Global Engagement

Dr Sunita Kaistha was introduced to UCD in 2002 by then UCD chaplain, the now deceased Fr Tony Coote. Fr Tony had a vision for UCD students to graduate with an understanding of the challenges facing humanity worldwide, and the determination to tackle the issues underlying global poverty and inequality. To realise this vision he founded the UCD Volunteers Overseas. Dr Kaistha played a leadership role in UCDVO's volunteer engagement in Delhi from 2002 to 2013, and her involvement with UCDVO continues to this day. She has made a significant contribution towards UCDVO's vision; for the UCD Community to have an in-depth understanding of the challenges facing humanity worldwide, and the determination and commitment to tackling issues underlying global poverty and inequality.

"Without the passion and commitment of Dr Kaistha to UCDVO and to UCD's global engagement agenda, we would not have been able to secure the same opportunities for UCD students and staff to contribute to key development projects in India. Her passion and collaboration with UCD have led to very positive significant impacts on the lives of children and women. I am fortunate to have experienced first-hand some of her wonderful initiatives in Delhi. Her career has embraced academia, public service and social activism, with a strong unifying concern with the rights and opportunities of women and children."

Bernard Looney

Honorary Doctor of Science
Citation delivered by Professor Aoife Ahern, Principal, UCD College of Engineering and Architecture

On graduating from UCD, **Bernard Looney** joined BP, where he has spent his whole career to date. His first appointment was as a drilling engineer, gaining experience in Alaska, the North Sea, the Gulf of Mexico and Vietnam. He went on to be join the senior management team of BP in 2010 and was chief executive of BP's upstream business from April 2016 until 2020, where he was responsible for all of BP's oil and gas exploration, development and production activities worldwide. In February 2020, Bernard was appointed as Chief Executive Officer of BP, the most senior position in the company.

"As leader he has set out the objective to transform BP from an Integrated Oil Company to an Integrated Energy company and to shift the company's focus to sustainability and the role BP can play in supporting the world to reach net zero. He has set out a clear ambition for BP to become a net zero company by at the latest 2050. He is a problem solver, committed to sustainability, inclusivity and equality, who ably demonstrates what can be achieved by our graduates, embodying the values of his alma mater. Since graduating, Bernard has maintained a very close and fruitful relationship with UCD, supporting Student Scholarship Programmes and the Capital Development Programme, and working with faculty and researchers in UCD Engineering to develop close partnerships."

David McCourt

Honorary Doctor of Economic Science
Citation delivered by Professor Anthony Brabazon, Principal, UCD College of Business

David McCourt is a proud second generation Irish-American hailing from Watertown, a suburb of Boston. In addition to his Irish lineage, David has very strong direct business and personal links with Ireland. He has also close links with UCD having served as a member of the Michael Smurfit Graduate School of Business North American Advisory Board for many years. David has been recognised by the Economist magazine as having 'impeccable credentials as a telecom revolutionary'. In a career spanning over thirty years, he is one of the world's leading and most successful entrepreneurs in the technology, media and telecommunications industries, having founded or bought over twenty companies in nine countries.

"David has been a key player in the development and modernisation of Ireland's telecommunications system. In 2013, he led a consortium to acquire the Irish Fibre Company, Enet, Ireland's largest open access network provider in the wholesale telecoms market. The network is used by over 70 telecommunication operators providing broadband across Ireland. In late 2019, Granahan McCourt became the successful bidder for Ireland's National Broadband Plan. National Broadband Ireland, with David as Chairman, is tasked with rolling out a future-proofed high-speed broadband network to approximately 600,000 premises and over 1 million people."

Dr Séamus McDermott

Honorary Doctor of Engineering
Citation delivered by Professor Aoife Ahern, Principal, UCD College of Engineering and Architecture

An alumnus of UCD, **Séamus** held senior management positions in semi-state and private industry prior to setting up his own management consultancy business. He is a founder member of the Irish Institute of Industrial Engineers and was Honorary Secretary of the Institute for several years. Séamus has dedicated much of his life to helping others to thrive for the betterment of society. He is the founder and Director General of the Liffey Trust. This was his brainchild after deciding at 49 years of age to give back to society by establishing this charity to promote job creation and enterprise development; assisting new businesses not supported by state agencies. Through the work of his trust, Séamus helped hundreds of small businesses to establish themselves.

"For those of you unfamiliar with the Trust, it is thought to be the first enterprise centre in Europe, a hub of innovation and ideas for businesses operating across multiple sectors. To set up such a venture in 1984, at a time of recession, mass unemployment and emigration was a labour of love. In addition to providing onsite premises to fledgling businesses, Séamus offered tenants low rent, free financial advice, mentorship, tax and legal advice, free help in preparing a business plan, designing premises, gaining the necessary approvals from statutory authorities, building cold rooms, storage facilities, toilets, heating, ventilation, etc."

His Excellency Marcelo Rebelo de Sousa

Honorary Doctor of Laws
Citation delivered by Associate Professor Síofra Pierse, Head of UCD School of Languages, Cultures and Linguistics

His Excellency Marcelo Rebelo de Sousa, President of the Portuguese Republic, was recognised for his exceptional achievement in building the nation's modern democratic state. He has impacted his country in many realms far beyond that of much revered lecturer, academic and intellectual. His achievements stretch across a wide range of spheres, from law through academia, politics through journalism and from the social sector to broadcasting.

"As President, he has overseen the promulgation of a number of progressive laws enacted by the Portuguese Parliament and has championed the growth of sustainable development practices. He has impacted his country in many realms far beyond that of much revered lecturer, academic and intellectual. His achievements stretch across a wide range of spheres, from law through academia, politics through journalism and from the social sector to broadcasting."

Nigel Short

Honorary Doctor of Music
Citation delivered by Associate Professor Desmond Earley, UCD School of Music

Nigel Short has demonstrated achievement in research and musicology, performance, and production. He is a Gramophone award-winning producer and a Grammy nominated conductor. His exceptional achievements in the field of music traverse many domains: the spheres of singer-performer; the concert stage as conductor and leader; and the recording studio as music producer.

"As breath is life, and harmony is our business; listening is crucial. Notably, Nigel Short has some of the finest ears in the business. This is one of his particular gifts, which he continues to share as a producer. The diverse catalogue of published albums Nigel has produced include artists and ensembles on the world's major record labels. Increasingly sought after as conductor of orchestras including the London Symphony Orchestra, Royal Philharmonic, and the English Chamber Orchestra, Nigel Short is an international figure on the podium."

UCD Values in Action Awards

In their fifth year, the Values in Action (VIA) awards celebrate individuals or teams/committees who acted as ambassadors for the UCD Values through their daily work, volunteering or establishing initiatives that bring those values to life. The awards were established by the Employee Engagement Network.

For the 2022 awards, 39 submissions nominating 23 individuals or teams were received. The adjudication committee has awarded ten UCD VIAs, out of the pool of high-quality nominations that captured the diverse achievements of colleagues to bring our shared values of Collegiality, Creativity, Diversity, Engagement, Excellence and Integrity to life.

The Adjudication Committee was chaired by Professor Joe Carthy, Chair, UCD Employee Engagement Network; Associate Professor Niamh Pattwell, previous VIA recipient, UCD School of English, Drama and Film; Andrea Forde, previous VIA recipient, UCD Agile; Rory Carey, Director Culture & Engagement; and Mark Simpson, Culture & Engagement.

Arnaud Disant

UCD School of Mathematics and Statistics
Nominator: Professor Frederic Dias

Arnaud Disant, senior engineer with the HIGHWAVE ERC project, was recognised for his work in bringing UCD's values to life for a local community in the West of Ireland where this project is based.

The project necessitated Arnaud establishing a research station on Inishmann and a workshop in Rossaveel, Co Galway. Over the past three years Arnaud has worked with an exemplary level of integrity and engagement with the local community. Through this UCD is now well known in the Gaeltacht, where the community sees how beneficial the research project is to society. This included involvement with the local island school, resulting in three students taking part in the 2021 BT Young Scientist and Technology Competition, winning the Chemical, Physical and Mathematical Junior Group second place for their project. A further six students participated in 2022.

Dignity and Respect Support Colleagues

Nominators: Catherine Tormey, Carla Gummerson

Team members: Conor Buggy, Cormac Taylor, Declan Fahie, Eoin Cummins, Joan Simon, Joanna Long, Katherine Fama, Katherine Mulfaul, Letizia Vettor, Marie-Louise Ryan, Ruth Harrison

The **Dignity & Respect (D&R) Support Colleagues** were recognised for their role to promote awareness of dignity and respect issues across the University and for the personal support they provide to employees.

The panel consists of academic, professional and technical employees who volunteer for the role in addition to their regular workload. The panel are appointed by the UCD President and undertake training to ensure they are equipped to support employees impacted by issues of bullying, harassment or sexual misconduct.

In some critical situations they are the first person that someone may disclose to, ensuring that the employee is supported from the moment they disclose a situation. Unfortunately, issues relating to dignity and respect will continue to impact the UCD community and this team is there to ensure that there is a listening ear and a safe space to talk when needed the most.

Aishling Kennedy-Dalton, Daniel Earls and Jacinta Egan

UCD Estate Services

Nominator: UCD Student Advisory Team (Aisling O'Grady, Niamh Nestor, Kathleen Kiely, Anna Scully, Nadia Clarkin, Julia Maher, Jacqueline Levine, Eamonn McHugh, Kieran Moloney, Holly Dignam, Megan Kuster, Dani Findley, Letizia Vettor, Simon Gray, Emma Somers, Emmet Jordan-Kelly, David Delaney, Maeve McWilliams).

Aishling Kennedy-Dalton, Daniel Earls and Jacinta Egan were recognised for the collegiality, excellence and creativity they demonstrate and instil in their teams, to support UCD Student Advisers in dealing with accommodation queries they receive from students who live both on and off campus.

UCD Student Advisers depend on colleagues across the University as they work to resolve the multiple and complex queries presented by students. Aishling, Dan and Jacinta are exemplars of the compassion, flexibility, and care that this kind of work demands. They are dependable and responsive and answer each concern and query sensitively and with grace. They are fountains of knowledge, experience, reliability and competence.

Dr Rachel Farrell

UCD School of Education
Nominator: Niamh Byrne McKenna

Dr Rachel Farrell was recognised for the values of engagement, creativity, diversity and collegiality demonstrated through her work to support Ukrainian refugees. During the summer of 2022, Rachel helped empower Ukrainian refugees to have a voice through language acquisition support and development. She voluntarily gathered a team together to deliver English language classes three evenings each week on the Belfield Campus, accommodating some 350 people since May 2022.

Rachel continued to demonstrate her creativity and collegiality by successfully applying to The Community Foundation for Ireland, receiving €20,000 to help fund activities, delivered with UCD in the Community, to include moving classes online to facilitate those who cannot travel to campus.

Anne Griffin

UCD Library Collection Services
Nominator: Aoife O'Brien, Julia Christopher

Anne Griffin was recognised for the values of creativity, engagement and collegiality demonstrated through her work on the recent curation project but also across her 20 years working in the collections team.

In Spring 2021, working under COVID restrictions, Anne began a project to curate the 5.4km of print journals in the Newstead Store. This project showed great foresight, as it enabled further journal curation and the subsequent proposal to refurbish Level 3 of the James Joyce Library to a high-quality student study space.

The impact of Anne's work on this project with her team will impact many students who will use the new study spaces in future. Her work also guarantees the long-term protection and preservation of material that is of great value and was at risk of being damaged or lost.

Library Period Poverty Team

Nominators: Dr Sandra Collins, Carla Gummerson

Team members: Vanessa Buckley, Lorna Dodd, Mark Jenkins, David Larkin, Fanchea Rooney, Catherine Bodey

The members of the **Library Period Poverty Team** were recognised for their work to pilot the period poverty initiative and in doing so demonstrating the values of engagement, excellence, creativity and diversity.

The Period Poverty initiative was initiated as a collaboration between the Library, the UCD Dean of Students and UCD Students' Union to provide free period products via dispensers in the James Joyce Library. This voluntary team in the Library receives products weekly from the Students' Union (provided at cost) and distributes them among the dispensers in the Library. The initiative was promoted through inclusive communication materials that were developed by the Library for use onsite and online.

The Library is now committed to ongoing and long-term provision of free period products, as part of their suite of onsite service provision for all students and staff. The project also links with the UN SDGs.

Dr Locksley Messam

UCD School of Veterinary Medicine
Nominator: Dr Ana Vale

Dr Locksley Messam was recognised for bringing the UCD values to life through the founding of the Self-Mentoring Group in June 2018.

The aim of the group is to connect colleagues from across the University to share insights into teaching, research and academic life, and to support each other in their career development. The group has grown over time and gone from strength to strength. Currently, 19 faculty members from the College of Health and Agricultural Sciences and the College of Social Sciences and Law meet monthly for 90 minutes (either online or in-person) to discuss preselected subjects.

Members have also paired up to provide peer feedback on each other's RMS profiles and P4G forms. The meetings have led to a growing support and collegiality amongst the members. The group also became a lifeline during the COVID-19 pandemic. By attending online meetings and engaging in the peer mentoring scheme that Locksley established, members continued to feel connected, sharing coping strategies and research interests. Additionally, by discussing promotion criteria, by cheerleading, and by building a sense of responsibility for one another, the group has supported members in applying for promotion.

Dr Paul Perry

UCD School of English, Drama and Film
Nominator: Kelly Michels (student)

Dr Paul Perry was recognised as the driving force behind the Space Poetry Project and in doing so demonstrating collegiality, creativity, engagement, diversity and excellence.

EIRSAT-1 (Educational Irish Research Satellite 1) is Ireland's first satellite and is being designed, built and run by a team of students and academic staff led by Professor Lorraine Hanlon, UCD School of Physics.

In 2020, Paul was approached by Lorraine to explore how a poem might be etched onto the satellite. Under his leadership, he developed a multivalent arts initiative which interfaced seamlessly with the most exciting science story in Irish history. This included students, staff and the UCD community, as well as the Museum of Literature Ireland and the JCSP Demonstration Library Project in the design and roll-out of a workshop in poetry for students from around the country. In a very short space of time, the lines and poems of all involved were sifted through, redeployed, and curated as one co-authored poem, All Ways Home, which the UCD artist Emer O'Boyle then designed for etching onto the satellite.

In all, over 200 people worked on the project, with weekly meetings, workshops and performances. This was all managed by Paul voluntarily on top of his day job. The poem is a testament to Paul's collaborative nature, creativity, engagement and empathy in working with diverse communities, including students from neurodiverse backgrounds and Deis schools.

Derek Reilly

UCD School of Mechanical and Materials Engineering
Nominator: Dr Kevin Nolan

Derek Reilly was recognised for his outstanding contributions to the school by building a culture of health and safety, showing great collegiality, creativity and integrity.

He has taken a leading role in implementing new health and safety policies as the School's safety officer, working with academics and technical staff to find solutions that allow research and teaching activities to thrive.

Derek has also undertaken an unenviable task to locate, identify, classify and facilitate disposal of all chemical waste that has accumulated in School laboratories over several decades — some of which predate the Belfield campus. This has been a herculean task, ensuring that both staff and students have a safe place to work.

Eimear Ryan

UCD Conway Institute of Biomolecular and Biomedical Research

Nominators: Elaine Quinn, Professor Cormac Taylor, Dr Tracy Mullen, Emer Bonham, Philippa Kavanagh, Professor Helen Roche, Sarah Kierans, Dr Kevin Nolan

Eimear Ryan was recognised in her role as Chief Technical Officer for the voluntary actions she carries out to promote collegiality, creativity, and engagement within the UCD Conway Institute.

In her role as CTO she manages the operation of the laboratories, including championing continuous technical improvements, setting standards and engendering flexibility within groups who share the same space but under different reporting structures. To do this she has developed a range of initiatives to build relationships among lab users.

Éimear's contributions to UCD life extend beyond her excellence as CTO. She had chaired the Conway Social Committee since 2015. Events have led to an enhanced level of collegiality within the Institute and have resulted in the establishment of numerous collaborations between colleagues arising from informal conversations sparked at such events. The camaraderie in such a diverse community is attributed in many ways to the work Éimear carries out.

APPOINTMENTS AND PROMOTIONS

Appointments

Full Professor

Professor Adam Byrne
School of Medicine

Professor Cathryn Costello
Sutherland School of Law

Professor Tasman Crowe
UCD President's Office

Professor Jonathan Drennan
School of Nursing, Midwifery and Health Systems

Professor Supriya Garikipati
School of Politics and International Relations

Professor Laurent Pech
Sutherland School of Law

Professor Joseph Peppard
College of Business

Professor Francesco Pilla
School of Architecture, Planning and Environmental Policy

Professor Kate Pumpa
School of Public Health, Physiotherapy and Sports Science

Professor Saskia van Ruth
School of Agriculture and Food Science

Professor

Professor Rory Breathnach
School of Veterinary Medicine

Professor Rosana Pinheiro-Machado
School of Geography

Promotions

Full Professor

Professor Marie Clarke
School of Education

Professor Frank McDermott
School of Earth Sciences

Professor Federico Milano
School of Electrical and Electronic Engineering

Professor Mark Scott
School of Architecture, Planning and Environmental Policy

Professor Kalpana Shankar
School of Information and Communication Studies

Professor

Professor Oliver Blacque
School of Biomolecular and Biomedical Science

Professor Christopher Bleakley
School of Computer Science

Professor Thomas Conlon
School of Business

Professor Clare Corish
School of Public Health, Physiotherapy and Sports Science

Professor Catherine Cox
School of History

Professor Orla Doyle
School of Economics

Professor Mark Flanagan
School of Electrical and Electronic Engineering

Professor Crystal Fulton
School of Information and Communication Studies

Professor Simon Kelly
School of Electrical and Electronic Engineering

Professor Mary Kelly-Quinn
School of Biology and Environmental Science

Professor Finola Leonard
School of Veterinary Medicine

Professor Patrick Mathews
School of English, Drama and Film

Professor Katherine O'Donnell
School of Philosophy

Professor Eoin O'Neill
School of Architecture, Planning and Environmental Policy

Professor Taha Yasseri
School of Sociology

RETIREMENTS

UCD Academic Affairs

Professor Mark Rogers

Mark retired from UCD in March 2023 following a 32-year career. He was Dean of Science, Registrar and Deputy President, and the Acting President of UCD in 2021-2022. A genetics graduate of Trinity College Dublin and the University of Glasgow, he was awarded fellowships from the European Molecular Biology Organization (EMBO) and the John Douglas French Foundation for Alzheimer's Research. Before joining UCD, he worked as a researcher in prion diseases in the Laboratory of Nobel Laureate, Professor Stanley Prusiner.

Mark was a highly successful researcher, specialising in Scrapie in sheep and Bovine Spongiform Encephalopathy (BSE) in cattle. During the BSE crisis in Ireland in the 1990s, he believed it was critical for him as a scientist to contribute to the solution. Working with his team, Mark developed a new diagnostic technology for Transmissible Spongiform Encephalopathy which reduced the time for a BSE diagnosis from 14 days to 3.5 hours. He licensed immunodiagnostic technologies that were employed in BSE diagnosis resulting in over €2 million in royalties accruing to UCD.

Mark strongly promoted a student-centred and student-led approach to education that encourages independent learning. During his term as Dean of Science, he introduced new approaches to assessment and led student recruitment efforts to engage second-level students with Science, resulting in year-on-year increasing demand for places on UCD's Science programmes. As Registrar, Mark spearheaded strategic changes in curriculum design including assessment practices. He refined UCD's 'entry and

selection' processes and led a major review of academic regulations. He also led the transformation of access and widening participation promoting an ethos of mainstreaming supports and a university-wide approach to universal design. During the COVID-19 crisis, it was through Mark's leadership that our education programmes were delivered safely and with integrity whilst acknowledging the personal difficulties presented not only to students but also to faculty and staff.

Mark is widely regarded not only for his brilliant mind, but his kindness, warmth and integrity. UCD and his colleagues, particularly those in the Registrar's office and reporting units, will miss him wholeheartedly and wish him much happiness in his retirement.

UCD President's Office

University Relations

Eilis O'Brien

Eilis joined UCD as Director of Communication and Marketing in 2004. A graduate of UCD, with a BA in Economics and Geography and an MBA (UCD Michael Smurfit Graduate Business School) from the University, Eilis spearheaded the new brandmark for UCD introduced in 2005. This major project articulated the University's identity by combining UCD's strong heritage and modern drive with its national role and global aspirations.

Introducing the University's first central marketing capabilities, Eilis was the main driver behind *UCD Horizons,* a campaign that informed key stakeholders about a new semesterised and modularised curriculum, and explained how it would affect them. Eilis also ensured the reputation of the University, its faculty, and its

research outputs were increasingly profiled in the national and international news media.

Over her time at UCD, Eilis' creativity and project leadership led to some key, memorable University projects and events including *Farewell to the Terrace,* a four-day series of events celebrating UCD's years in Earlsfort Terrace; *After Empire,* a public discussion with former leaders of former British colonies who share Ireland's experience of transition to independence; *Signatories,* a world theatre premiere of a series of monologues in which eight Irish writers present the innermost thoughts of the seven signatories of the 1916 Proclamation of the Republic and Nurse Elizabeth O'Farrell, part of the UCD Decade of Centenaries; and *Belfield 50* marking fifty years of UCD on the Belfield campus.

During her term, with the delivery of many brand marketing campaigns including *Think Bigger, A World of Expertise,* and *Future Focused,* UCD became the university of first choice for CAO applicants, and the top-destination for international students studying in Ireland.

Eilis retired from UCD in 2023.

UCD Access and Lifelong Learning

Anna Kelly

Anna was appointed to her role as Director of Access and Lifelong Learning in 2009 and played a significant role in the transformation of the University's approach to access and inclusion. With a team of access professionals, and in collaboration with the UCD Widening Participation Committee, she led out on University for All, and oversaw the provision of a suite of pre- and post-entry access student supports. Anna was at the forefront in moving access and inclusion from the University margins to where it is now considered everyone's business.

Anna also chaired the HEA PATH Cluster of six higher education institutions, who collaborate to increase access to higher education for under-represented groups throughout the city. She played a pivotal role in the development of access policy and practice both with the HEA and DFHERIS, and throughout the HE sector, most notably in the creation of the IUA Access Steering Group, her leadership of the IUA HEAR & DARE Operations Group, and her role as Chair of the IUA Part-time and Flexible Education group.

During her time in UCD, Anna completed a PhD in Inclusive Design in Higher Education, where she investigated the implementation of national policy to mainstream access and inclusion in higher education, gathering the views of Ireland's university leaders. Anna's retirement was celebrated with a launch of the publication *'Making Higher Education a Reality: Creating a University for All'* (2023), co-edited with Lisa Padden and Bairbre Fleming.

Thomond Coogan

Thomond joined UCD in 2000. During her time in UCD she had many identities, as a student, a colleague in Adult Education and then in Access and Lifelong Learning, a member of Governing Authority and an ally to everyone who met her. While working in UCD, Thomond completed her Arts Degree and Masters in Equality Studies. Her significant role was in the development and coordination of university access courses for mature students. She developed

significant expertise in student support and access. Her contribution was recognised in 2017/18 when she received a University award for her Outstanding Contribution to Student Learning.

Thomond was engaged in a range of activities and networks across the University and was well-respected by everyone who knew her. Many access students attribute their participation and progression to her determination and unrelenting support and belief. Her particular interest was in increasing the participation of members of the Traveller community. She was actively involved in co-creating events and activities with members of the community and most recently was actively involved in a UCD-commissioned research project undertaken and led by members of the Traveller community. Thomond's retirement was marked by a celebratory Afternoon Tea with her colleagues across the UCD community.

UCD Library

Seamus 'Shay' Flynn

Shay joined UCD Library Facilities Team in April 1987 and until he left UCD Library he was the longest serving member on the team. He saw many changes to the library over the years and always played a pivotal role when the physical space of the library changed. Shay had a vast amount of experience and had great spatial awareness, he always knew by looking at a space what would work and would not work. He was heavily involved in keeping the library open during the pandemic. He was part of the Facilities and Client Services team that worked in pods to reduce the risk of spreading the virus. This was an extremely challenging time for everyone, especially those facing the public. Shay has a great passion for boats and recently bought a boat which he intends on renovating and going on trips around Dublin Bay.

Patrick 'Paddy' Harford

Paddy joined the UCD Library Facilities Team in October 1998 and had over 24 years of experience. Paddy was always extremely kind and empathetic with students and provided good customer service to both students and visitors. He was always interested in the welfare of students and often would approach students if he felt they were having issues. Paddy was heavily involved in keeping the library open during the pandemic. He was part of the Facilities and Client Services team that worked in pods to reduce the risk of spreading the virus. This was an extremely challenging time for everyone, especially those facing the public. Paddy has a great interest in horse racing and often visited the Cheltenham racing festival. He is also a massive Arsenal fan. Paddy plans on getting to more games and enjoying horse racing more.

Brian Kelly

Brian worked in UCD Media Services and in UCD Library. A supportive, obliging and solution orientated colleague, he was part of the team which won a UCD Supporting Student Learning team award in 2012, for exceptional contribution to learning in the University. Working with academics in the 1990s, he produced the Learnet and Ollscoil adult education series. He managed the broadcasts for the Certificate in Safety and Health, which ran for 20 years and was broadcast live by satellite to 26 centres around Ireland. He was involved in First Digital TV transmission in Ireland which was part of the progression to analogue broadcasting – helping to set up the installation of a fibre-optic line from UCD to RTÉ – the first of its kind in any Irish university.

Always keen to keep up with the latest developments in television technology and equipment, he helped set up a video link to Theatre L to accommodate the excess capacity of new students; the Noam Chomsky Lecture for UCD L&H Society, and when the Foot and Mouth outbreak struck in 2001, he was involved in producing the first UCD Virtual Open Day. In 2015, Brian helped to organise the broadcast of the religious ceremony from the UCD church at the time of the Berkeley tragedy. The filming Brian did for the Irish Poetry Reading Archive was pivotal to its success.

Dr Críostóir MacCárthaigh

Críostóir retired as Director of the National Folklore Collection, having joined in 1997. Before that, he had been Assistant Keeper of the Folklife Division of the National Museum of Ireland, and also spent a number of years working as a consultant in cultural heritage. During the period of his directorship, in 2017 the Irish Folklore Commission Collection – the original core of the National Folklore Collection – was inscribed on the UNESCO Memory of the World Register, one of only two Irish entries. Dúchas, the online partnership with DCU that has digitised and shared such riches from the NFC, went from strength to strength.

The living nature of the Collection was emphasised, with projects focussing on historically under-represented groups and absent voices, including the Irish Protestant Folk Memory Project, the Irish Traveller History Project, interviews with those who had experienced the grim reality of industrial schools and orphanages, and the Civil War Memory Project. Críostóir combined all of this with his teaching, his work on numerous publications, collaborative partnerships and much more. He was a warm, wise, kind and greatly valued colleague, and UCD Library will miss him very much.

Michael O'Brien

Michael joined the UCD Library Facilities Team in November 1999 and had over 23 years of experience in the library. Michael was always professional in his work and treated students with respect and empathy. Students often requested to deal with Michael given their previous good experience in dealing with him. Michael was heavily involved in keeping the library open during the pandemic. He was part of the Facilities and Client Services team that worked in pods to reduce the risk of spreading the virus. This was an extremely challenging time for everyone, especially those facing the public.

Michael enjoys walking, spending time with family and watching football. He intends to spend more time doing things he enjoys.

Paul Wilkinson

Paul joined UCD Library in 1998, initially located in the Reader Services team helping students navigate the library and its collections. Paul also worked in Official Publications, Information Resources Management and joined the Collections Team in 2015 where he was involved in ordering books, printing theses and stock management in the James Joyce Library and the stores. During the Covid-19 pandemic Paul showed great commitment to UCD by keeping many onsite processes going and was a great support to friends and colleagues. Paul was a popular and well-regarded colleague who is much missed. We wish Paul well with his retirement and thank him for his service to the Library.

UCD IT Services

Brendan Dixon

Brendan joined UCD in September 1989 as a Programmer Adviser in the Computing Services department offering staff and students technical support and advice. He took a break from UCD when he joined CHEST (HEA) in July 1991 to negotiate and coordinate the provision of software and datasets to the higher education sector in Ireland. He returned to UCD in January 1996 as an educational technologist and project manager, working on the delivery, support and development of pedagogically sound usage of UCD's Virtual Learning Environment before retiring in September 2022. During this time period he supported the University over three generations of VLE and in the last generation he led the training of all faculty in the move to Brightspace. He was also a longstanding member of the ILTA (Irish Learning Technologies Association). Brendan was known for giving wise advice for every situation along with his generous spirit and will be missed for his extensive experience in technology enhanced learning.

Adrian Dillon

Adrian joined UCD in 1980 and made significant contributions to technology advancements in the University during his long career at UCD. His experience across various units, including Computing Services, Management Services Unit (MSU) and IT Services, reflects his diverse range of experience and responsibilities.

He was instrumental in several significant initiatives such as the introduction of the Banner administrative system and the Finance office systems, automating many processes and continued on this path in helping bring the University into the digital age.

Adrian was also a great colleague, with whom one could have long and broad discussions on many topics. But he is probably best known for being the best dressed man on campus.

UCD Bursar's Office

Finance

Anne O'Leary

Anne retired from the Bursar's Office in June 2023 after working in UCD's Finance Office for 14 years. Anne joined UCD in January 2009 from the Arts Council and worked in the Payroll Office until 2014 when she switched to the General Ledger section until her retirement. Anne was a valuable employee and greatly admired and liked by her colleagues in the Finance Office. Outside UCD, Anne, a proud daughter of Strokestown, Co Roscommon and a UCD graduate in History of Art and English, was deeply immersed in literary and cultural matters. She is a member of the Strokestown Poetry Festival Committee and was heavily involved in a digitsation project in the NCAD. We know Anne will have a busy and active retirement and her colleagues in the Finance Office wish her well in her retirement.

UCD Estates

Thomas Murphy

Tom joined UCD in 1987 working as an electrician with Estate Services. He was based in Earlsfort Terrace and Newman House for many years before relocating to the Belfield campus where he successfully completed a wide range of electrical project work.

John Kennedy

John joined UCD in 1979. Serving almost 45 years as a general operative with Estate Services he was initially based in Merrion St and later Earlsfort Terrace and Newman House. In more recent years, he relocated to the Belfield campus where he continued to provide general operative support to the maintenance trade team.

UCD College of Arts and Humanities

UCD School of Languages, Cultures and Linguistics

Dr Sabine Strümper-Krobb

Sabine joined UCD's Department of German in 1993. She served as German Subject Head multiple times throughout her career, and as Deputy Head of School. She played a key role in the development and management of the BA International in Modern Languages programme. Her teaching received praise from students and colleagues, and was recognised with a College Teaching and Learning award. She received a Contribution of Excellence award for teaching and supporting students as School Teaching and Learning rep during the turbulent times of the pandemic.

She obtained her PhD from the Georg-August-Universität, Göttingen, where she was involved in the initial phase of the special research institute for Literary Translation Studies and she remained an active researcher throughout her career (and beyond). Translation remained the focus of her research, alongside other areas including German-Scandinavian literary relations and adaptations. She is author of a variety of publications, including two monographs: *Impressionistische Erzählverfahren im Spiegel der Übersetzung. Zu deutschen Übersetzungen von Prosawerken Jens Peter Jacobsens zwischen 1877 und 1912* (1997) and *Zwischen den Welten. Die Sichtbarkeit des Übersetzers in der Literatur* (2009). She was also a longstanding co-editor of *Germanistik in Ireland,* the yearbook of the German Studies Association of Ireland.

Dr Jeremy Squires

Jeremy lectured in Spanish Studies at the School for over 30 years. He was a leading expert on the 20th-century Spanish novel and short story. He published widely on such authors as Miguel Delibes, José Camilo Cela and Rafael Sánchez Ferlosio, including a widely-cited special annotated edition of Miguel Delibes' *El Camino* (2010) for the Manchester University Press series 'Hispanic Texts' and a range of articles in top-tier journals. He lectured on his specialist areas in Spanish modules such as The Novel under Franco, The Spanish Novel, Town and Country, and The Modern Spanish Novel and Short Story. He also sat on the editorial board of several academic journals. He contributed widely to and coordinated Spanish language at all levels as well as helping to build up the core Spanish Level One cultural modules: Hispanic Cultures and Societies and Reading Hispanic Texts. He established an excellent reputation for doctoral and MA supervision, including attracting several funded PhDs who have gone onto successful careers in Hispanic Studies. He served several successful terms as Head of Spanish in the School.

UCD College of Business

Linden Lee

Linden Lee retired in September 2023 after more than 30 years of service with UCD. Linden began his career as a part-time computer specialist with the Department of Accountancy. In 1993, he joined the teaching staff of the Department. For many years, Linden taught the undergraduate and MAcc students Excel and computerised accountancy applications in a portacabin (the old-old bar) which was located where the pond between Quinn and Law is now located. He introduced cutting-edge applications in the late 1980s which meant UCD BComm and MAcc graduates were significantly ahead of their peers. Linden also provided computer support to the department which enabled a quick transition to using computers in teaching accountancy.

Linden will be fondly remembered by many of his students as both an expert in his field and a great instructor. He was jovial and his classes were great fun. After the move to the UCD Quinn School in 2002, the introduction of student laptops enabled more advanced use of computer applications. The MAccs also got their own laptops around this time and Linden led this development.

Linden was a great colleague and is greatly missed around both UCD Quinn School and UCD Smurfit School. We wish him a long, happy, and healthy retirement.

UCD College of Engineering and Architecture

UCD College of Engineering and Architecture Office

Caroline McCann

Colleagues, old and new, along with family and friends, attended Caroline's retirement garden party in June. Retiring after 16 years as a committed member of the College Office administration support team, she is missed by professional staff, faculty and students alike. She has been a wonderfully supportive colleague, kind and generous with her time and immensely helpful. Over the years, she trained many new members of the team, and was fondly known as The Oracle. Of her many duties, Caroline supported the Engineering Staff/Student Committee and worked with a succession of Deans, always well organised and practical. In her daily work with students, Caroline supported and advised numerous students, some with particularly stressful situations, often going above and beyond to look after their needs. Always patient and friendly, a font of common sense coupled with good humour, Caroline was a cheerful and reassuring intermediary and she has taken many people under her wing over the years.

Caroline is a wonderful person, and her colleagues miss her immensely. They wish her every joy and happiness in retirement with her wonderful family and friends.

UCD School of Architecture, Planning and Environmental Policy

Dr Karen Foley

Karen began her UCD career 29 years ago in what was then known as Landscape Horticulture. Owing to her development of that programme, it evolved into a landscape architectural course which met the demands of the profession in Europe under the auspices of its umbrella organisation EFLA (European Federation of Landscape Architects). Under Karen's stewardship, the undergraduate programme in Landscape Horticulture and the postgraduate programme in Landscape Architecture (MLA) underwent a significant curriculum review in 1996. The change from a BAgrSc Landscape Architecture degree to the BSc Landscape Architecture degree in 2011 finally led to professional recognition. As well as being the driving force behind the growth and recognition of Landscape Architecture both nationally and internationally, Karen was known for her collegiality and a keen interest in her students' development. She will be greatly missed by students and colleagues alike.

Kevin Keenan

Kevin joined UCD 42 years ago as laboratory attendant. After a time he moved to the greenhouses run by Horticulture and became involved in the Landscape Horticulture programme. During his time with Landscape Horticulture, which later became Landscape Architecture, he taught software in the dawn of digital drawing, set up and maintained technical equipment as well as organising field trips or managing the set-up of the end-of-year show. Over the years he rose to the position of Senior Technical Officer. Kevin was known by his colleagues for his supportive nature and the wellbeing of students in Landscape Architecture was always his chief concern. His positive influence and his contribution to Landscape Architecture will be missed by all who worked with him.

David Wick

David joined UCD as a porter with UCD Services in 1984 and was initially based in the Tierney Building. In 1993 he took up the role of Studio Attendant with Architecture in Richview, where he established a shop that provided stationery and model-making equipment to students. No doubt he would have seen some of the students who came to the shop return as teaching staff in later years, which gives an idea of his long service to UCD. Having enjoyed his time working with the staff and students in Richview,

David retired in 2023. His former colleagues wish him well and hope he gets to enjoy the odd trip to Stamford Bridge.

School of Chemical and Bioprocess Engineering
Noel Brady
Noel joined the School of Chemical and Bioprocess Engineering in November 1978 when it was still based in Merrion Street. As a Technical Officer and then Senior Technical Officer, Noel has been integral to the support of the laboratories both for undergraduate teaching and learning and research. He has proven himself to be adaptable and indispensable, learning on the job as needed and turning his hand to any skill needed for lab and workshop support. He constructed some of the lab set-ups such as the filter press and pressure swing adsorption rigs that are still used by students today.

His support of research in the School helped many postgraduate students and researchers. His contributions included co-authorship of a paper with Professor McElroy and Dr Elena Tsalaporta in the journal Adsorption. In addition to his technical skills, Noel could always be relied upon for a smile and a friendly chat which is greatly appreciated by his colleagues and our students. Outside of UCD, Noel was a keen sports player, active in athletics, GAA, soccer and the UCD Staff Table Tennis Club through the 70s and 80s. He has a keen love of gardening and his colleagues wish him all the best for his retirement.

UCD School of Electrical and Electronic Engineering
Mr Luke Dalton
Luke joined UCD as an Electrician in 1980 having previously worked as an Electrical Foreman with Crowe Engineering. He was mainly based in the Chemistry Department in the Science Building but also worked in the boiler house. He completed a course in Electronics and Microcontroller Design at Kevin Street Technical College from 1994-1997. He then joined the Electronics Workshop as a Technician in 1997 and in 2003 he was promoted to Senior Technician.

Luke was a highly regarded member of staff and he had a great manner dealing with staff and students alike. He provided tremendous support to the UCD School of Mechanical and Materials Engineering over the years and was highly regarded there. His main duties included support for student projects, IT support, sourcing and purchasing, laboratory support, design and repair. He designed a solution and created a platform whereby all seventy PCs in the projects laboratory could be wiped clean and reimaged from the workshop at the end of every year, a platform which is still in use today. He was also heavily involved with the electric car charging project for a few years where his electrical skills came to the fore. He is a very keen swimmer and loves to go for long walks with his dog. He is a witty person with a big personality and he will be greatly missed by his colleagues, who wish Luke all the best in his retirement.

Professor Mark O'Malley
Mark joined UCD in 1986. Over the following three decades he established an internationally recognised research programme in electrical power systems. He was the Director of the Electricity Research Centre at UCD, established in 2001, a multidisciplinary, multi-institutional, industry-supported research centre. He was also the founding Director of the UCD Energy Institute and co-founder of the Energy Systems Integration Group, a leading source of global

expertise for energy systems. From 2018-2020 he was the chief scientist at the US Department of Energy National Renewable Energy Laboratory.

Mark supervised over thirty PhDs, educating students to enable them to reach their potential was central throughout his career. Many of these have gone on to hold leadership positions in academia, industry and policy-making worldwide. Mark is a member of the US National Academy of Engineering, a member of the Royal Irish Academy and a Fellow of the Institute of Electrical and Electronic Engineers. In September 2022 he was appointed the Leverhulme Professor of Power Systems at Imperial College London and is the co-founder and research lead of the Global Power system Transformation Consortium. His colleagues wish him every success with his continued academic activities in his new role.

UCD School of Mechanical and Materials Engineering
Dr Eamonn Ahearne
Eamonn began his UCD career as an Assistant Lecturer in the then Department of Mechanical Engineering in September 2001 before becoming a Senior Researcher with Professor Gerry Byrne's Advanced Manufacturing Systems (AMS) Research Group. Eamonn was a postdoctoral researcher for many years after that before rejoining the faculty of the UCD School of Mechanical and Materials Engineering as Assistant Professor in July 2016. His colleagues wish him the best for his retirement.

Paul Bright
Paul retired in August 2022 after 47 years' service to the University as a Senior Technical Officer specialising in materials. He began his UCD career in April 1975 in the then Department of Mechanical Engineering and saw many changes over the course of his career, not least of which was the move to the Belfield campus in 1989. His colleagues wish him a very happy retirement.

Associate Professor David Timoney
David was appointed Assistant Lecturer in the then Department of Mechanical Engineering in October 1981, before being appointed College Lecturer in 1985 and promoted to Statutory (Senior) Lecturer in 1993. He led the development of the Energy Conversion Laboratory in the Department and served in many roles within the College and University, including Dean of Engineering (2007-2011), College Vice-Principal for Teaching and Learning, and Associate Dean of Engineering.

David's contribution to the College, the engineering profession and engineering education in Ireland is immeasurable and his pivotal contribution to the development of the '3+2' Engineering degree programmes in UCD, most notably in the area of Energy Systems Engineering, endures to this day. He is wished every happiness in his retirement.

UCD College of Health and Agriculture

UCD School of Agriculture and Food Science
Mick O' Sullivan
Mick retired as Associate Professor in January 2023 after almost 32 years of distinguished service. His career as a Lecturer in the Faculty of Agriculture began in October 1990 where he worked alongside Professor Brian McKenna, Dr Desmond Morgan and the late Drs

Denis Cronin and John Clarke, and Professor Desmond McAleese who was the Head of Agricultural Chemistry and Soil Science. The Department of Food Science was subsequently formed under Professor Brian McKenna in 1993 with Mick playing a pivotal role in the development of the Food Science programme. His extensive knowledge and interest in Dairy Chemistry and Technology came to the fore in the modules he delivered. He supervised numerous undergraduate and postgraduate research projects over the years, giving generously of his time and providing his students (who speak warmly of Mick as their teacher and mentor) with excellent training.

Mick was also an active researcher and published widely. He shared his wisdom and was a willing collaborator across the University and externally, including with the food industry where he is highly regarded. His natural curiosity meant he was always willing to take time to chew the fat and debate, providing valuable additional depth, dimension and perspective to his students (and colleagues!). Mick was a valued colleague, providing wise counsel and a willing ear for discussions and debates on matters academic. The sincerity, camaraderie and good humour he brought to his job are greatly appreciated and will be missed.

UCD School of Medicine

Dr Marion Rowland

For over 20 years Marion has been the centre of clinical epidemiology research in the department of paediatrics at UCD. Following her PhD research under the late Professor Leslie Daly, Marion went on to apply her skill and expertise in medicine and statistics across a variety of paediatric gastrointestinal and liver diseases. In particular, she undertook seminal research on the age-related incidence of H pylori, showing that in developed countries this is an infection acquired early childhood and rarely after that. She has published extensively on other illnesses of relevance to children and in particular has become an authority on the epidemiology and mortality associated with cystic fibrosis liver disease. Marion's incisive mind and exacting approach to scientific enquiry has been ideally suited to her career in clinical epidemiology and, coupled with her humanity and compassion for patients and colleagues, has stimulated others to always strive for excellence in research. She will be sorely missed by UCD paediatrics as she moves on to the next stage of her rich and varied life.

Professor Gerard Bury

Gerry has been at the forefront of medical education in the areas of general practice and prehospital emergency medical care throughout his career. His leadership in developing and delivering education to medical students, paramedic students and healthcare professionals has had an immeasurable impact on the population who have required medical attention from paramedics and GPs. He continues as a teaching and research active member of the UCD community, with his steering of the UCD Ukraine Trauma Project which trains and equips medics and paramedics in Ukraine on advanced haemorrhage control. His colleagues would like to thank Gerry for his outstanding contribution to the UCD School of Medicine, the University and the wider public community and wish him well on his retirement.

Associate Professor Stuart Bund

Stuart retired this year as Associate Professor of Physiology in the School of Medicine after more than 25 years in UCD. Stuart obtained his PhD from the University of Leicester and, following postdoctoral studies at the University of Manchester, joined the School of Medicine while it was still based in Earlsfort Terrace. He established his research programme in vascular biology there with a focus on hypertension and subsequently moved to the Belfield campus from The Terrace in 2006. Over the subsequent years he became a key figure in the School's educational programmes, playing a leadership role in the process of modularisation of the curricula of both Medicine and Science degree programmes.

He was the founding Chair of the Medicine Degrees Committee and in that capacity played a central role supporting students during their preclinical years of study in the Health Sciences Centre. Above all, Stuart was an outstanding teacher, winning multiple teaching awards both from the School and College. His dedication to teaching was greatly appreciated by students who elected him Best Physiology Teacher so often that he monopolised the award for many years. Stuart was a great colleague who in his very quiet and effective way was always ready to help and support younger staff members as they started out on their teaching careers. His colleagues wish him a very long and happy retirement and thank him for his enormous contribution over many years.

Professor Desmond Higgins

Des retired after 20 years as Professor of Bioinformatics in the UCD School of Medicine and from Systems Biology Ireland and the UCD Conway Institute. Through his development of seminal methods in the analysis and interpretation of the explosion of genomic data that occurred in recent decades he became one of the most influential scientists of his generation. In 2014, one of Des's papers on Clustal was included in Nature's Top 10 Most Highly Cited Research Publications of all time and he is one of the most highly cited scientists in the world. His work has been recognised by international awards including the Motoo Kimura Award (2015) for his contributions in evolutionary biology, the Benjamin Franklin Award for Open Access (2018) and the EMBL Lennart Philipson Award (2023). Through all of this, Des continued to make significant contributions to teaching in medicine degree programmes. He was an outstanding mentor to his many PhD students and the scientists who worked in his research group. Des was a great colleague, always friendly and helpful and he will be much missed by all. His colleagues wish him a long and happy retirement, enjoying his great passions of ornithology and playing jazz music.

UCD School of Nursing, Midwifery and Health Systems

Dr Phil Halligan

Phil joined UCD in 2004, bringing with her many years of clinical experience from working as a Registered Nurse in Critical Care Nursing both nationally and in the Middle East. Prior to commencing her role as Assistant Professor in the School, Phil had worked as a lecturer in the School of Nursing, Royal College of Surgeons Dublin. Having completed her BNS in UCD in 1996, Phil was committed to further study, achieving an MSc in Nursing in Manchester University in 2002 and her PhD in Leadership in Health Care in UCD Michael Smurfit Graduate Business School in 2011.

During her time in UCD, Phil has championed the rise of the student voice for those with disabilities. She was an invited

member of many boards and committees e.g. AHEAD Board member and ICTU (disability committee). Phil was an exemplary leader in her role as co-founder of the Disability Liaison Team (DLT) and oversaw the developments of many wide-ranging, innovative practices for students with a disability resulting in a rich inclusive learning environment in UCD. Phil's work with the DLT was recognised many times with Phil receiving five awards for her contribution. The legacy of Phil's time in UCD has also seen the education of faculty and clinical staff, ensuring student nurses and midwives with disabilities every success in their careers.

UCD School of Public Health, Physiotherapy and Sports Science

Professor Anne Drummond

Anne retired in September 2022 after almost 30 years of service. She developed an interest in Occupational Safety and Health (OSH) as a nurse in Ireland in the late 1980s, winning the SunAlliance Award in 1993 for first place in the multidisciplinary diploma course in Safety, Health, and Welfare at Work in UCD. Following a period as a part-time tutor, she was appointed to the UCD Centre for Safety and Health at Work (CSHW) in 1995 as assistant to the Academic Directors, Caroline Hussey and Peter Start. She developed the Centre's OSH education programmes and demonstrated her longstanding deep interest in the pedagogy of teaching and learning. She finished her PhD in 2005, which examined facets of teaching and learning for professional and working adults in third-level education in OSH in Ireland.

Anne was Head of Subject in OSH, Director of the CSHW and Associate Dean of the School's Teaching and Learning Committee for several years. She served on numerous School and University Committees, including Academic Council. She received several teaching awards, including National Teaching Expert award (2015) from the Irish National Academy for the Integration of Research, Teaching and Learning. She also led research projects of key national importance, such as a Review of Occupational Disease Reporting System for the Health, and Safety Authority. She was PI on a public health project on prisoner health, and PI on a project to determine the prevalence of work-related road traffic fatalities. Anne's contribution to the CSHW, the School and the wider OSH community is immeasurable. She will be greatly missed.

UCD College of Science

School of Biomolecular and Biomedical Science

John Flynn

John retired from UCD in May 2023 with over 40 years' service. He started working in UCD as a technician in the Department of Industrial Microbiology based in Ardmore House. While working as a technician John undertook studies in Kevin Street to further his scientific knowledge. He spent many happy years in Ardmore House before moving to the O'Brien Centre for Science to become part of the existing SBBS technical team.

During his time in UCD John was most generous in sharing his knowledge and expertise. He supported and mentored many PhD students and postdoctoral fellows with their projects and assisted them in their research. He was a guardian of the Microbiological Culture Collection and always had a magical touch with regards to keeping the colonies growing at the right time for everyone. John will be greatly missed by everybody in the School.

Mary O'Brien
Mary retired in February 2023, having joined UCD in 1998 and was attached to the then Department of Biochemistry in Merville House. Following the merger of departments and formation of the School of Biomolecular and Biomedical Science in 2005, Mary became part of the School's administrative team. Throughout her time in the School, Mary continued to provide specific support to Biochemistry and Molecular Biology, liaising with staff and students. She also provided dedicated support to the School's Teaching and Learning Committee, and oversaw the assessment timeline each trimester.

Over the years, Mary proved an ever-friendly and supportive colleague. Her expertise was much valued by all members of the School who wish her well in her retirement.

UCD School of Chemistry
Professor Mike Casey
Prior to working in UCD Mike graduated with a BSc from UCC. He carried out his PhD at Imperial College and was a postdoctoral researcher in Columbia NY. He had an academic position in the University of Salford for a number of years before joining UCD in September 1994.

He carried out research on the development and application of a number of new synthetic methods, specifically Sulfoxides in asymmetric synthesis and Imidazoline ligands for asymmetric catalysis. In total, he supervised 37 PhD students and four MSc students to completion. He developed a strong interest in non-traditional teaching and learning methods and introduced teaching innovations in many modules, winning a College Teaching Award in 2010 and completing the Professional Diploma in University Teaching and Learning in 2013.

As well as undertaking a UCD Fellowship in Teaching and Academic Development in 2014 he served in numerous administrative positions, including Chair of the Safety Committee and of the Teaching and Learning Committee. He served as Head of School between 2019 and 2022. His colleagues wish Mike the very best for his retirement.

Associate Professor Matthias Tacke
Before coming to UCD Matthias completed a PhD in inorganic chemistry at the University of Münster and completed postdoctoral research in the University of München and the University of Amsterdam. He completed his habilitation at the University of Karlsruhe before joining UCD in 1996.

His research involved the use of titanocenes as potential anti-cancer agents and he published over 120 research articles in the Journal of Organometallic Chemistry, Letters in Drug Design Discovery and the European Journal of Inorganic Chemistry before he retired in August 2022. His colleagues send Matthias every good wish for his retirement.

UCD School of Computer Science
Dr Peter Daly
Peter joined UCD after a long and successful career as an entrepreneur and in mergers and acquisitions, to work as Commercialisation Manager for the Crop OptimisatioN through Sensing, Understanding and viSualisation (CONSUS) project, a

€17.5 million SFI Strategic Partnership between UCD and Origin Enterprises PLC.

His main duties were related to the identification of IP generated through the project and the licensing of that IP to Origin Enterprises. Throughout his involvement in CONSUS, Peter helped to identify 28 invention disclosures that led to nineteen licences and one patent. He also worked closely with Nova UCD to create a new know-how licence template for UCD.

Beyond his main duties, Peter became a critical member of the CONSUS team, providing invaluable advice and working tirelessly to help UCD researchers to maximise the commercial potential of their work. His efforts have been widely appreciated across both UCD and Origin Enterprises and have left a lasting positive impact on the project. His colleagues wish Peter all the best in his well-earned retirement.

UCD School of Mathematics and Statistics
Dr Kevin Hutchinson
Kevin retired in June 2023, after a career of 23 years. He joined the Department of Mathematics in UCD in 1991. Kevin's association with UCD extends further than that. He graduated with a BA in Mathematics and Philosophy, followed by a Masters degree in Mathematics, both from UCD. He was awarded a PhD degree in Mathematics from Cornell University.

Kevin has given long service to the School of Mathematics and to the wider University. Notably he served as Head of Subject in Mathematics and chair of the graduate taught programme board in the College of Science, among several other roles. He is well known and recognised for the quality of his teaching and research supervision. He has a long-standing association with the Irish Mathematical Olympiad, a national competition for secondary school students. Kevin has served for many years as the treasurer of the Irish Mathematical Society. His retirement ends a long career in UCD as a dedicated lecturer and researcher. All of his colleagues in the School wish him a long and happy retirement.

Professor Gabrielle Kelly
Gabrielle retired from UCD in September 2022. Following the award of a BSc followed by an MSc degree from UCC, she completed her doctoral studies in Stanford University. She subsequently held positions at various institutions including Columbia University and University College London before beginning a lectureship at UCD in 1990.

Gabrielle's research interests cover various aspects of methodological and applied statistics. A consistent aspect of her research career has been the variety of collaborations in interdisciplinary projects in areas including biostatistics and veterinary science. This is reflected in the supervision of several PhD and Medical Doctorates from these areas. She has served in many roles in the School including organiser of the Statistics seminar series and Director of the School Taught Postgraduate Committee, holding both roles for many years. At a national level, Gabrielle was president of the Irish Statistical Association from 2016 to 2018. Her colleagues in the School thank Gabrielle for her many years of service and wish her a long and happy retirement.