



## An Coláiste Ollscoile, Baile Átha Cliath University College Dublin



Searmanas Bronnta
Conferring Ceremony

23 June 2025 11 am







## University College Dublin



University College Dublin (UCD) is one of Europe's leading research-intensive universities where undergraduate education, graduate masters and PhD training, research, innovation and community engagement form a dynamic continuum of activity.

The University was established in 1854 by St John Henry Newman, whose classic work 'The Idea of a University' is one of the most enduring texts on the value of higher education. His vision, 'True enlargement of mind', embodies the aspiration to provide a holistic experience and inspiring environment beyond the classroom. It is a rallying call for the University and its community to unleash the unique potential of the individual to meet global challenges and "to benefit the wider world".

Today UCD is Ireland's largest university with over 33,000 students. Irish school-leavers benefit from the highly innovative and flexible UCD Horizons undergraduate curriculum. As Ireland's leader in graduate education UCD has almost 10,000 graduate students.

In Ireland, UCD is home to over 8,500 international students and delivers programmes to almost 4,000 students on overseas campuses. In addition, the University places great emphasis on the internationalisation of the Irish student experience – preparing all UCD students for future employment and life that crosses borders, boundaries, and cultures.

Originally known as the Catholic University of Ireland, the University became UCD in 1908 and is a constituent college of the National University of Ireland (NUI). In 1997, UCD became an autonomous university within the loose federal structure of the NUI, and UCD students are awarded degrees from the National University of Ireland.

UCD has been a major contributor to the making of modern Ireland. Many UCD students and staff participated in the struggle for Irish independence and the University has produced four Irish Presidents and five Taoisigh. Among UCD's well-known alumni are authors (Maeve Binchy, Roddy Doyle, Emma Donoghue, Flann O'Brien), former European Commissioner (Peter Sutherland SC), directors (Neil Jordan, Jim Sheridan) and sports stars (Brian O'Driscoll, Kevin Moran, Rena Buckley and Paul O'Donovan). Perhaps the best known of all is the writer James Joyce, who completed his Bachelor of Arts at the University in 1902.

## UCD Alumni Relations

As you start your journey as a UCD alumnus/alumna, we encourage you to stay connected. Our Alumni Relations team runs a full programme of events and reunions, in Ireland and overseas, offering networking and other opportunities for you to keep in touch – with each other and with the University. Additional services include a Reader's Card for UCD's libraries, some sports and adult education discounts, affinity products and a range of other services.

UCD alumni continue to make their mark in every aspect of life and today's graduates will be no different. Stay in touch and let us know how you are getting on.

Get Connected/Stay Connected



## Order of Proceedings

#### Procession of graduands

Procession of academic staff followed by Deans, Vice-Presidents and President

The President declares open a Meeting of the University for the purpose of conferring degrees

The Dean requests the graduands for each degree to stand

The Principal presents the graduands to the President in Latin

The President admits the graduands to the degree in Latin

The Dean calls the names of the graduates who proceed to the platform

The President presents the degree scroll to each graduate

Formal graduation address

Academic procession followed by procession of graduates

## Formula of Presentation of Graduands

#### Latin

Praehonorabilis Praeses, totaque Universitas.

Praesento vobis hasce meas filias filiosque meos, quos omnes scio tam moribus quam doctrina habiles et idoneos esse qui admittantur ad Gradum \_\_\_\_\_\_; idque tibi fide mea testor ac spondeo, totique Academiae.

## **English Translation**

Right honourable President and Members of the University.

I present to you these students whom I know to be as upright in character as they are skilled in their field of study and qualified for admission to the Degree of \_\_\_\_\_; and in good faith I vouch for this and hold myself responsible to you and to the whole academic assembly.

## Formula of admission by the President

#### Latin

Auctoritate mihi concessa, admitto vos ad Gradum \_\_\_\_\_.

### **English Translation**

By the authority vested in me, I admit you to the Degree of \_\_\_\_\_.

# University College Dublin UCD COLLEGE OF ARTS AND HUMANITIES, COLLEGE OF BUSINESS, COLLEGE OF ENGINEERING & ARCHITECTURE, COLLEGE OF SOCIAL SCIENCES AND LAW AND COLLEGE OF SCIENCE

Conferring

Monday, 23 June 2025 at 11 am

**Honours Degree of Bachelor of Arts** 

(Physics with Astronomy & Space Science)

Kinsella Bishop, Danú

Fleming, Sean

**Honours Degree of Bachelor of Science** 

(Social Sciences)

(Cell & Molecular Biology)

Gilligan, Eoin

Sokolova, Snezhana

(Theoretical Physics)

(Chemistry)

Featherly, Liam Hugh

Hickey, Leo

Serrano, Jhenesis Ann Espenilla

(Zoology)

(Computer Science)

Earley, Elizabeth

Byrne, Conor

**Certificate** 

(Financial Mathematics)

(Graduate Certificate in Data Analytics)

(Professional Certificate in Mathematics for Data

Manning, Ella O'hEarcain, Oisin

McMenamy, Pascal Joseph

(General Science)

Graduate Certificate in Environmental

Sustainability)

Rashid, Hammad

Elmhorst, Florian

Hassan, Sofia

Analytics & Statistics)

Casey, Padraig Liam

Casey, I adialg Liain

Conlan, Niall

De Buitléir, Liam

Fogarasi, Bernat

Hayden, Euan Michael

Kapunan, Kevin Arthur

Maloney, Tadhg

Melvin, Éabha

O'Connor, Ellen Louise

Page, Killian

Palissery, Aditya George

Reisenleitner, Fatime

Tumulty, Jay

(Genetics)

Brennan, Ruth

Davidson, Grace

Uppal, Karamjit Singh

**Diplomas** 

Mofina, Aleksander

(Higher Diploma in Computer Science)

(University Certificate in Science)

(Medicinal Chemistry & Chemical Biology)

Cushen, Brian

Howard Ihle, Sally

(Graduate Diploma in Computer Science) (Energy Systems Engineering) Simran Maguire, Fergal Ryan, Lee (Professional Diploma in Data Analytics) (Manufacturing Engineering) Melody, David Patrick Ahmed, Shayaan (Professional Diploma in Educational Leadership) Nasabi, Manjunath Vijayan, Abikhya Wesch, Julian Valentin Ryan, Clara (University Diploma in Computer Science) **Degree of Master of Engineering Science** Dargan, Antoin (Biopharmaceutical Engineering) Landy, Owen Liu, Jiaqi (University Diploma in Science) (Chemical Engineering) Feighery, Maya Malone, Siofra Kodlu Chandrashekara, Pravardhan **Degree of Master of Accounting** (Electronic & Computer Engineering) Byrne, Daniel Burke, Brian **Degree of Master of Architecture** (Electrical & Electronic Engineering) Jaworski, Jakub Chen, Xinzheng **Degree of Master of Arts** (Structural Engineering) (Statistics) Aimbie, Jim Knox Bogue, Jack Gordon, Conall Obaseki, Collins (by Research) Venkatesh, Trivedi Vaughan, Eibhlín **Degree of Master of Engineering Degree of Master of Science** (Biomedical Engineering) (Advanced Software Engineering) Aegamalur, Mandhiraa Param McMahon, Sarah Lam, Chun Hin Mehigan, Sarah Louise Lu, Zhengzhang O'Neill, Lorcan (Chemical Engineering) O'Sullivan, Louise FitzGerald, Bill (Architecture Urban & Climate Action) Jones, Sinclair Seamus Xu, Sining (Civil Engineering) (Chemistry)

Dudley, James

Zhou, Tianyi

(Computer Science)

Acheson, Tara Agarwal, Ritwik

Aktoudianakis, Nick

B, Abishek Bell, Laura

Bhattacharya, Adi

Byrne, Evan Coughlan, Aida Cyriac, Philip

Dibenzi, Ruth

Doherty, Ellen

Drumm, Charlie

Durán González, Jorge Ewans, Precious Benita Finnegan, Carlo John

Gibson, Tom Glennon, Michael Herdman, Adam Hu, Yuhan

Istasse, Maxim Zack Jaisankar, Naveen

Jung, Gyuwon

Laird, Bernard

Le, Hieu

Lee, Ja Wei

Li, Bingyang

Li, Yu

Lian, Yuhang

Luo, Sha

MacDowall, Benjamin

Mahon, Niall Martinaitis, Matas

McMahon, Brian McNamee, Phillip

Mckay, Niall

Musaddique, Mohammed Nazzal, Emad Farouq Fuad Nikumbh, Bhargav Mukund

Noonan Treacy, Eoin

O'Connor, Muireann Carmel

O'Dowd, Kevin O'Flynn, Daniel O'Kelly, Eneko O'Mahony, Conor

Pollock, Thomas

Power, Nathan Patrick Purcell, Tadgh

Raghupathy, Shaline

Redmond, Darragh

Redmond, Sadhbh Mia

Sarayanan, Nithishh

Southwick, Adam

Tan, Zhiteng

Ukran Sajan, Joel van der Riet, Calvin

Walsh, Niamh Wang, Boyu

Wang, Yu Yue Wang, Zikang

Ye, Qingtian

Yilmaz, Mustafa Tugrul

Yu, Yanwen Zhang, Ziyue Zheng, Han Zheng, Haoyu

(Data Analytics)

Walsh, Gary

(Data & Computational Science)

Mathews, Manju Vadrevu, Sai Sampath

(Design Thinking for Sustainability)

Bartels, Con Brady, Niall Brew, Bridgette

Carolan, Oscar Brendan Curley-Kearns, Adam

Foulds, Ann

Jones-McAuley, Isobel

Kavanagh, Jean Lagreid, Jessica

Murphy, Ronan Michael

O'Connor, Sam O'Donnell, Patrick Tobin, Claire Anne

(Environmental Science)

Patel, Rajvi Rajendrakumar

(Environmental Sustainability)

Aranda L., L. Irazu
Baloukas, Eleftheria
LeGrow, Danielle
McMahon, Francis
Mimuro, Catherine Louise

O'Brien, John Francis

(Global Change) joint award between UCD and Justus Liebig University, Germany

Chase, Michael
Daly, Eimear
Kelly, Jacob
McElroy, Emily Muriel
McEvaddy, Tara Maeve
Reilly, Lydia Katherine
Williams, Macey

(International Law & Business)

Shaikh, Mohammed Sohail

(Regulatory Affairs & Toxicology)

Byrne, Hazel

(Sustainable Energy & Green Technology)

Parameswaran, Shantha Kumar

(Sustainable Supply Chain Management)

Redmond, Adam

(Synthetic Chemistry for the Pharmaceuticals & Fine Chemicals Industry)

Tyrrell, Aoife

(by Research)

Bürgy, Cade Jakob Noble, Robin Petrisor, Ovidiu Alexandru Swords, Ellie Julia

#### **Degree of Doctor of Philosophy**

College of Engineering & Architecture

Aswathy

Towards the Rational Design of Biopharmaceutical Drugs: Formulations' and Stability of mRNA and mRNA Lipid Nanoparticles

Barroug, Soukaina

Controlling Campylobacter spp and Salmonella spp in poultry Processing using Cold Plasma and Natural Antimicrobials Calleo, Yuri

Statistical modelling of spatial consensus through RT-GSCS: A web-based open platform for decision-making and foresight contexts

Chaple, Sonal Ganpat

Cold Plasma interactions with food ingredients functionality

Cheng, Yue

Phenotypic and Genotypic Comparison of Irish Sourced Listeria monocytogenes Isolates for Sanitiser Resistance and Low-Temperature Growth

Chhaya, Rhea Sanjiv

Development of a feed to food chain risk assessment of mycotoxins in dairy produce under climate change influences

de Andrade Pereira, Flávia A semantics-driven framework for scalable demand flexibility control applications in buildings

Deasy, Cormac

Professional Socialisation and the Values of Engineering Education in Ireland

Geng, Zhichao

Study on Ultra-Precision Photocatalysis Polishing of Silicon Carbide Ceramics

Ji, Han

Towards 6G: Machine Learning Empowered Resource Management in Hybrid LiFi and WiFi Networks

Kabiri, Shayan

High-resolution & high-throughput methods for soil carbon research

Kelly, Ronan

Scalable Liquid-Phase Oligonucleotide Synthesis Enabled by Organic Solvent Resistant Membrane Separation

Leslie, Olivia

Optical Tactile Sensor Design for Robotic Manipulation

Lessa Feitosa Virgolino, Julia Improving the social life cycle assessment framework for Bioeconomy Liu, Qipeng Energy Flexibility in Large Water Resource Recovery Facilities

Mazzanti, Federico Coupled Vertex-Centred Finite Volume Methods for Large-Strain Elastoplasticity

McLoughlin, Cathal Joseph Neural Connectivity in Parkinson's Disease: The Interplay of Network Structure Synchrony and Neuroplasticity

Mishra, Sohini
Experimental and Numerical Gravity Load
Performance of Stud and Bearer Sections in ColdFormed Steel Panelised Construction

Mozafari, Behzad Surface Runoff Dynamics in Irish Raised Peat Bogs: Synthesis

Nagle, Matt Improving reconstructive surgery: Machine learning approaches for biomechanical skin assessment

O'Callaghan, Odhran Computational Modelling and Experimental Development of Nove l Liquid Air Energy Storage System

Özdoğan, Gözde Innovative Spectral Approaches for Wheat Analysis: Classification Vitreousness and Protein Assessment

Parivendhan, Gowthaman CFD-DEM modelling of Powder Bed Fusion process

Pinheiro Lopes, Beatriz Cold plasma deposition as a novel technology for cancer drug delivery

Qin, Hao Development of High-Performance Wireless Channel Models for Transportation Systems

Ren, Yuqiao Innovative Vibrational Spectral Sensing Methodologies for Precision Control in Agri-Food Dehydration Saeed, Maryam
Event-Driven Arrhythmia Classification using
Level-crossing ADCs

Shaw, Conor An environmental policy-aligned information landscape for the built environment

Si Hwa, Heng Advancing the Structural Safety & Efficiency of Modular Construction Connections under Normal and Extreme Loading Conditions

Softah, Ghaida
The Mediating Role of SME's Strategic
Orientation in Influencing the Relationship
between Absorptive Capacity and Innovation
Capabilities

Sood, Divyanshu Evaluating the effects of occupancy on energy use and indoor environmental quality in residential building archetypes over spatial and temporal scales

Swift, Teresa Characterisation of the Immune Landscape in Multiple Myeloma

Tang, Jiafei Parameter Analysis and Applications of Ultrasonic and Hydrodynamic Cavitation Techniques in Plant Protein Extraction

Wang, Guoxin Supervised Semi-supervised and Unsupervised Training Frameworks for Biomedical Signal Analysis

Wei, Jiahao Integrated Analysis and Optimization of Hydraulic Performance in Baffled Horizontal Subsurface Flow Constructed Wetlands

Wenting, Shu
Combined Numerical and Experimental
Investigation of Solid Microneedle-Skin
Interaction and Penetration

Xu, Guangya The development and validation of process analytical technology (PAT) tools for dairy processing Zhihao, Yuan Environmental and human health risks from micro/nano-plastics

#### College of Science

Alaofi, Suad Awad A
The Impact of the English Language on the
Academic Performance of Non-Native EnglishSpeaking Students in CS1 Courses

Bampouri, Ioanna Ultrasonic Shear Wave Spectroscopy for Real-Time Monitoring of Static and Dynamic Liquid-Solid Interfaces

Bergin, Claire
A Numerical and Experimental Investigation on the Interaction Between Meteorological
Conditions and Ocean Waves

Bonner, Arlene
"The Integration of Continuous Flow Technology
with Strained Cyclic Systems"

Britton, James An exploration of the expression and engineering of a bacterial tyrosinase to improve its biocatalytic potential

Bruch, Manuel
Metabolic Engineering of and Process
Optimisation with Cupriavidus necator H16 for
Polyhydroxybutyrate and Lactic Acid Production
from CO2-Derived Formic Acid

Byrne, Sean Exploring the Reactivity of Main Group Centres with Synthesised Nitrogen Pincer Ligands

Conteddu, Kimberly Human perturbations on animal social networks: implications on disease ecology

Cosgrave, Joanne Mary
The Effect of Cannabidiol on the Biology and
Epigenetics of Prostate Cancer

Cunningham, Eoghan Building Bridges Across Disciplines with Network Analysis Curran, Dara Development of (i) Novel Organophosphorus-Based Synthetic Methodology and (ii) a Quantitative Lewis Basicity Scale

D'Amico, Edoardo Advances in Multi-Stage Recommender Systems for Large Scale Applications

Dissanayake, Oshana Iddi Time Series Analysis of Calf Behaviour: Machine Learning Methods for Disturbance Detection

Donohoe, Amanda
A measurement of ultra-peripheral \$\rho^0\$ meson
production in heavy ion collisions using the LHCb
detector

Doyle, Eric Atomic Structure Revealed by EUV Photoabsorption of 6th Row Ions

Doyle, Jordan Automated Model-based Interface Test Generation for Mobile Applications

Duggan, Niamh Ellen Chronic lung infection - Investigation of the mechanisms of adaptation during chronic colonisation: A study on Mycobacterium abscessus and Burkholderia cenocepacia.

Ekandjo, Halleluya Naantu Lithostratigraphy mineralisation and geochemistry of the Rosh Pinah Zn-Pb-Ag deposit southern Namibia

English, Holly Methodological advances in identifying foraging strategies in cooperative and solitary canids.

Feely, Nathan Design and characterisation of surface chemistries that enable high performance downstream purification processes for cells and biomolecules

Fernandez Pison, Maria Rosa Developing Coinage Metal Catalysts To Incorporate Carbon Dioxide into Alkynic-Based Carbon Frameworks

Finneran, Gabriel Searching for the signature of relativistic jets in stripped-envelope broad-line Ic supernovae Fowley, Frank

The use of synthetic hand pose data in training sign language fingerspelling models

Ganguly, Manisha

Functional equations of algebraic Rankin-Selberg p-adic L-functions

Gebreyesus, Yibrah Haile

AI-Driven Techniques for Energy and Cooling Efficient Data Centre Management

Hurpy, Gwenaëlle

Diet of Irish bat species and their role in insect pest control using metabarcoding approach

Jordan, Lynda

Engineered mutants of Pseudomonas putida KT2440 to direct the production of S-Polyhydroxyalkanoate (PHA)

Joshi, Priyanka

Stochastic Roots of Irreducible Stochastic Matrices

Kamtchou, Bill Wells

An Experimental & Computational Evaluation of the MiniPix(TPX3) Detector for Compton Imaging in Nuclear Medicine

Kaur, Hardeep

Latent position network models with applications in time series analysis

Kaur, Prabhleen

Statistical Analysis of Animal Social Networks

Kerr, Stacey

Introduction of the cannabinoid metabolic pathway into Nicotiana tabacum via combinatorial transformation

Konjaang, James Kok

Optimizing Workflow Scheduling for High-

Performance Computing

Leddy, Robert

Investigating the Role of the Endocannabinoid System in Intestinal Inflammation

Liu, Dairui

Explainable News Recommendations

Matin, Farzin

Augmented Reality as a Tool for Enhancing Education: Influencing Pedagogical Practices in Immersive Settings

Mbaka, Uche

Functional Data Analysis Smooth Covariance Estimation & Principal Components Analysis

McArdle, Niamh

Optimisation of 90Y Selective Internal Radiation Therapy (SIRT) procedures: Towards improved personalised dosimetry.

Mc Laughlin, David

New Materials with Switchable Magnetic and Electric Properties

McNeill. Fionn

The Enantioselective Synthesis of Oxygencontaining Heterocycles via Pd-catalysed Decarboxylative Asymmetric Transformations

McWilliams, Nina

Personalised dosimetry for Cone Beam Computed Tomography (CBCT); Monte Carlo and empirical approaches.

Mongey, Kevin

Spatial and spectral characterization of micrometer scale soft x-ray emitting laserproduced plasmas

Mousli, Majed

Electron FLASH beams from a modified Elektra Precise LINAC: characterisation and dosimetry

Murphy, James

A Hitchhikers Guide to Anomaly Detection: Machine Learning-based approaches to anomaly detection and Failure diagnosis in spacecraft avionics systems using low power devices & flight ready devices

Narayanan, Badri

Understanding Compositional Targets in the Machine Learning Context

Neofitu, Roland

Case Studies in Evolution of the Antarctic Ice Sheet: From Inception to Instability

Nguyen, Thu Trang

Robust Evaluation of Attribution Methods for Explainable Time Series Classification

Nikandrovs, Mihails Monte Carlo Modelling of Kilovoltage Radiotherapy

O'Keeffe, Serena Optimisation of Hypo Fractionation in Radiation Therapy

O'Sullivan, Rachel Ann A Study of the Asymmetric Synthesis and Transformations of Chiral Ferrocene-containing Compounds

Pacheco Menezes, Thais Record linkage approaches for matching databases with nested records

Quille, Patrick Improving nitrogen use efficiency in perennial ryegrass using an extract from the brown seaweed Ascophyllum nodosum

Ramanayake Mahanthamulla Gamage, Rajitha Sandaruwan Ramanayake An Architecture for Pro-social Rule Bending -Navigating Some Dilemmas Faced by Robots in Assisted Living Facilities with Older Individuals

Ramnarayanan, Sunandini Data-driven discovery of cancer therapy targets in the "Dark Matter" of the human genome

Redmond, Robert Strategic uses of cyclic sulfonamide in the synthesis of N-Heterocycles

Rivera Ortiz, Fanny Engineering Forensic-Ready Software Systems Using Automated Logging

Ruan, Qin Exploring Media Bias in News Recommender Systems: From Detection to Mitigation

Ryan, Adam Genomes pangenomes and drug resistance in Candida parapsilosis

Silva e Souza, Eden Microbial catalysis for the production of hydroxyand amino-fatty acids Tao, Ning Multi-Objective Grammar-Guided Genetic Programming for Grammar-Obeying Program Synthesis

Tayebi, Dena Integrating Algorithmic Insights into Artificial Intelligence Techniques for Solving Combinatorial Optimisation Problems

Tham, Jia Lynn Characterisation and Functionalisation of Polyhydroxyalkanoate Granules in Pseudomonas putida KT2440

Treacy, Niall
The Growth and Differentiation of Human
Induced Pluripotent Stem Cell-Derived Kidney
Organoids Within Self-Assembling Peptide
Hydrogels

Trubanová, Nina Exploring Genomic and Phenotypic Variability in Hemp (Cannabis sativa)

Venkatesh, Anjan A systematic study of paralog and protein complex response to gene loss in cancer

Walsh, Jason John Exploring the Insights of AI-Enhanced Phenotyping into Barley's Longitudinal Responses to Waterlogging

Wang, Qiwei
The role of different architectures of Nanoscale
constructs and the relationship to their biological

Wu, Jiantao Bridging the Climate and Environmental Data Divide: A Knowledge Graph Approach

Yedelkina, Yelyzaveta Vector-quarkonium production in photon-photon and photon-proton collisions up to one loop in QCD

College of Social Sciences and Law

impacts

Niu, Jianfei Confucian Egalitarianism: The Family Practices of Chinese in Ireland

## Ceol leis an Ceathairéad Teaghrán Astral MUSIC BY THE ASTRAL STRING QUARTET

Handel Water Music – Hornpipe Charpentier Te Deum (Prelude)

Handel Firework Music 'La Rejouissance'

This list is for information only and is not an official record. The University cannot accept responsibility for errors or omissions.

## Laoi na hÁilleachta

I gcoill Fómhair faoi chiúnas clabhstrach na gcrann

Tháinig duille feoite ag foluain anuas go mall

Trí cholúin na beithe, trí áirsí na dara,

Trí stuanna míne na beithe, trí stuanna cama cumhdachta na dara,

Ó uaine go haraile,

Duille fáin faoi chiúnas clabhstrach na gcrann

Is spreagadh an fear chun filíochta leis an áilleacht a chonaic sé ann.

In an Autumn wood under the cloistered quiet of the trees

A withered leaf floated slowly down

Through the columns of birch, through the arches of oak,

Through the smooth arcs of birch, through the bent covering arcs of oak,

From one green to another,

A stray leaf under the cloistered quiet of the trees

And the man was moved to poetry by the beauty he saw there.

By Eoghan Ó Tuairisc.

These are the opening lines from Laoi na hÁilleachta, a poem on the beauty of the world, published in Ó Tuairisc's first collection of poetry, Lux Aeterna (1964). Poet, Novelist and Dramatist, Eoghan Ó Tuairisc wrote in both Irish and English. He received a BA and MA from UCD in the 1940s.

