



An Coláiste Ollscoile, Baile Átha Cliath
University College Dublin



Searmanas Bronnta
Conferring Ceremony

2 December 2024

5 pm





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 (Maev 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 _____.

UCD College of Science
Conferring
Monday, 2 December 2024 at 5 pm

Degree of Master of Science

(Biotechnology)

(Actuarial Science)

Harley, Cian
Healy, Ciaran
Manulak, Maksymilian
Shaji, Helen

Bhattacharjya, Aarushi
Bradley, Ben
Byrne, Carmel
Champanerkar, Hetal Vinod
Choudhary, Bhavna Jivraj
Forsyth, Cameron
Ganesh Rao, Varshitha
Hingot, Charline Marie
Igharo, Blessing Iriaghbonse
Joseph, Diya

(Advanced Software Engineering)

Verens, Kae

Lazorenko, Catherine

(Applied Mathematics and Theoretical Physics)

Doherty, William Ciaran
Lodi, Hooriah

Li, Ai
Maher, Lukus
Maheshwari, Vrinda
McGowan, Heather Nora
Mehak

(Biological and Biomolecular Science)

Agius, Sarah
Al-Thani, Najlaa
Antova, Rayna
Caffrey, Abby
Farrell, Dermot
Girish, Bhavana
Hart, Ellen
Ji, Chengyang
Jones, Kiara
Jyothis, Nabhas Annu
Kavanagh, Martin
Kenyon, Samuel
Krishnamurthy Mukundharaj, Madhumitaa
Krsteva, Katarína
Li, Pengda
Li, Wenjing
Margeian, Loredana
Mazhova, Alexandra
Nadkar, Naireen Amin
Nepali, Sanya
Rajput, Ajaysingh Prashantsingh
Schlimme, Estéban
Sekar, Sruthi
Sharma, Muskaan
Wang, Yang
Yadav, Himadri
Zeziulina, Ekaterina

O'Leary, Julia
Pawaskar, Palvi Devendra
Polsilapa, Tawan
Ramalingam, Bharathi
Sansare, Parnika
Sebastian, Irene
Soczyńska, Karolina
Tyagi, Apoorva
Wang, Jingzheng
Witkowska, Dominika
Ye, Jiayi
Zagade, Pooja Ganeshrao

(Biotechnology & Business)

Abrahams, Christina
Balote, Gauri Jitendra
Bhatt, Abhisweta
Chan, Christina Ka Yi
Connell, Chloe
Cullen, Daniel Robert Patrick
Curtis, Sean
Dalton, Matthew
Deshpande, Surashree Uday
Geraghty, Zara Amy
Gorey, Nicole
Haju, Faris Abdulhamid
Hu, Pandi
Hutton, Grace
Joshi, Komal Keshav
Khan, Marriam

Maddhuru, Nithila Priya
McCabe, Reidin Grace
McCann, Brianna
Mohammad, Imami Jafar Sadiq
Moore, Aisling
Mulhare, Matthew
Nandakumar, Sreeja
Nolan, Orla
O'Flaherty, Sean
Olaajo, Olamide
O'Riordan, Kathryn Emma
O'Sullivan, Emma Katie
Parkhi, Saanika
Pulumathethu, Seena Rajan
Rajaram, Mohanasri Lakshmi
Rock, Samuel
Rogers, Grace
Sahay, Anika Nitesh
Templeman, Katherine
Vijayakumar, Vishnu
Vila Navarro, Roger

(Biotherapeutics)

Afzal, Sarah
Ashok Kumar, Supriya
Chawda, Mihir Shantilal
Deo, Pranav Milind
Dileesh Krishna, Pooja
Ekundayo, Dolapo
Fathi, Mahmood
Francis Xavier, Andrea
Gujjar, Nithesh Malathesh
Karammel, Alias Seethy
Kulkarni, Isha Ratnakar
Markey, Ellen Kate
McGuinness, Aoife Margarete
Pagola, Pritish Joshua
Patil, Vaidehi Rajan
Sea, Yi Lin
Shete, Janhavi Nitin
Sindhu, Raj
Sonawane, Sanjana Sanjeev
Thompson, Adam

(Biotherapeutics & Business)

Blake, Aisling
Chakkarayan Girish, Vishnu
Chandran, Abhi
Chopra, Vridhi
Creegan, Sarah
Cryan, Niamh
De Buitleir, Eoin
Delimata May, Kai

Doherty, Andrea
Dolan, Amy
Donnelly, James
Doolan, Blathnaid
Doran, Stephen Gregory
Fitzsimons, Zak
Hopkins, Kian
Johnson, Aieshel Serafin
Kilcoyne Kellegher, Jake
Kulakarni, Vrushiketu Narashinha
Laad, Aditya Darshan
Mananye, Boikgantsho
McConnon, Evin
Morris, Sheena Hannah
O'Rourke, Aisling
Smyth, Conor
Sujan Prasad, Jyothi
Sweeney, Hannah
Vogt, Lautaro

(Chemistry)

Duffy, Sarah
Manoharan, Karthikeyan

(Cognitive Science)

Arkan, Alara
Bertazzoli, Andrea
Cecil, Erin
Devers, Aaron
Lohan, Emma
Shandilya, Avi
Williams, John Robert

(Computational Physics)

Gallagher, Patrick
Hilton, Ella
Morrissey, Adam
Ottley, Jared
Wang, Yuxiao

(Cybersecurity)

Breslin, Cormac
Freeman, Conor
Hasanain, Mohammed
Lee, Paul
Martin, Anthony
Mselemu, Chimwemwe Eric
O'Callaghan, Michael
O'Malley, Alice
Parry, Jenni
Teghillo, Fausto

(Data Analytics)

Barath, Petra
Barry, Aonghus
Brady, Ronan
Collins, Brian
Farrell, Enda
Farrugia, Neil
Fileti, Salvo
Geipel, Lukas
Glynn, Eoghan
Glynn, Joseph Sean
Greene, Jia Jia Maggie Ma
Han, Nahee
Higgins, Eoin Martin
Ilyas, Sarah
Lam, Qi Jie
Leach, Barry John
MacKenna, Kieran Patrick
Mai, Anh
Mellett, Cian
Moura Garcia Pereira, Andre
Munir, Muhammad Bilal Bilal
Nugent, Jennifer
O'Donnell, Louise
O'Leary, Luke
Ryan, Conor Vincent
Sharkey, Ciaran Patrick
Tcarevskii, Andrei
Vargas, Gabriel
Vidal, Ramiro

(Environmental Science)

Baker, Aaron
Browne, Evan
Carr, John
Connolly, Katie Ruth
Dalal, Nitesh
Kieran-McDonagh, Patrick
Ma, Keying
McQuaid, Torchia
Oguesha, Angela
Panicker, Aabha
Rooney, James
Small, Owen
Stapleton, William
Stewart, Elizabeth
Sumanapala, Vineth
Zhou, Yujing

(Environmental Sustainability)

Darcy, Adam Finglas
Dwyer, Richard

Finn, Ciara
Garcia Guerenabarrena, Jon
Masterson, Daniel

(Financial Mathematics)

Buttigieg, Denise
Durkan, Eoin
Egan, David
Ewe, Elgene Ern
Hermannsson, Sigursteinn Saevar
Lovic, Danilo
Seah, Lee
Stapleton, Laoise
Zhang, Bowen
Mannion, Kevin
O'Brien, Aaron

(Medical Physics)

Abdelwahab, Maiar
Arunmani, Bharathraj
Duda, Larysa
Guardiano, Lawrence
Kalita, Banashree
Keane, Evan
McHale, Peter Darragh
McMonagle, Roisin
Olumese, Nancy
Reilly, Lauren
Richards Keogh, Devon Leslie
Rouse, Erin Rose
Samuel, Osahenre Noell
Smyth, Evon William Joseph
Uzuazoraro, Ewomaoghene
Walsh, Michaela

(Nanotechnology)

Brych, Yevhen
George, Shine

(Physics)

McKeogh, Shane

(Plant Biology & Biotechnology)

Ahmed, Wardah
Barrett, Casey
Barth, Tobias
Conway, Connor
Dougharty, Darren
Lawlor, Niamh Catherine

(Regulatory Affairs and Toxicology)

Babyuk, Yuri
Badakh, Aditya Shankar
Bhoir, Sakshi Vinod
Burke, Sorcha
Cheppilayil Saji, Alosious
DGama, Sue Vanne
Gallogly, Conor
Hameed, Noor Muttar
Ho, Joanna
Jacob, Marcia
Khatoon, Hania
Kumar, Gaurav Balraj
Kumaravel, Abhinaya
Nadjar, Lucie
Phang, Hui Ling
Plazibat, Lucija
Rai, Vaishnavi Vinodkumar
Shaikh, Ayaan Shamshuddin
Sharma, Mimansa
Shrestha, Bimi
Shrivastava, Anuj

(Space Science and Technology)

Ahmed, Fatima
Alvarez Figueroa, José Miguel
Bharadwaj, Pranav Sathyanarayana
Brandon, Ross
Corley, Ryan Peter
Doyle, Conor
Friel, Ronan
Hagan-Fellowes, Saskia
Jyothis Parappurathu, Abhijith
Martindale, Nikolaus
Martinez Fortuno, Lluís
Moral Lazcano, Leire
Namugwanya, Mary Patience
Pagnottelli, Silvia
Rajeev, Pallavi

(Statistics)

Bakshi, Nirdesh
Chavez, Hector
Lafferty, Pádraig
O'Rourke, Patrick
Wang, Yiping
Whyms, David
Yasin, Mohid
Yin, Hang

(Subsurface Characterisation & Geomodelling)

Foley, Matthew
Ghumatkar, Kamlesh Pandurang
Humphrys, James
O'Kelly, Cormac
Seeyangnok, Watcharapol
Sikatali, Namuziya

(Synthetic Chemistry Pharmaceutical & Fine Chemical Industries)

Afolabi, Joshua
Eyo, Nelly
Fleming, Sean
Stanley, Hanno
Sudheer Kumar, Aiswarya
Thin, Ker Ying
Vijay Kumar, Arathi

(by Research)

Ahmad, Mashal
The Impact of Copied Code Snippets on Software Quality

Botvich, Nikita
Determining the potential of diverse plant-associated fungi as novel sources of mycoprotein

Chen, Haode
Towards the Modification of the Anomeric Position of Glycosyl Thiols

Diskin, Matthew
Effects of Ferro-Electric Polarization Direction on Surface Properties

Donlon, Tim
Proteomic analysis of the beta-catenin interactome in human platelets

McKeever, Lauren
Regulation of human UT-B urea transporters

Degree of Doctor of Philosophy

Abolivier, Raphaël

Catalytic processes with potential in lignin biorefining

Bansal, Yogesh

Enhancing Winter Wheat Crop Yield Predictions: A Data-Driven Incremental and Integrative Approach with Machine Learning

Bergin, Sean

Genomic analysis of *Candida parapsilosis* and other yeast species

Bouarour, Youcef Islam

Imaging the closest environment of YSOs with GRAVITY

Byrne, Maria Helena

Development of Multifunctional Silica Nanoparticles for Application as Biological Imaging and Delivery Agents

Comito, Tiziana

Underpinning research on the dynamical aspects of one-dimensional nonlinear lattices

Dee, Ying Ling

Investigating the Intracellular Distribution of Cell-Derived Nanoparticle Complexes Their Effects on Mitochondrial Dynamics and Mitochondria-ER Contact Sites

Denuga, Shekemi

Solid-State Nanopore Sensors for Infectious Disease Detection Based on Ion Current Rectifying Nanopipettes

Dhariyal, Bhaskar

Scalable Methods for Multivariate Time Series Classification

Dolphin, Rian

Learning Relational Asset Embeddings from Financial Returns Time Series

Donaghy, Kate

Stereoselective Glycosylation: Mechanistic Insights and Applications

Dutta, Pallavi

Ion Current Rectification in Nanopipettes: From Understanding Ion Transport Dynamics to the Development of Optimized Sensing Systems

Farrell, Emer Bridget

Ion-Current Rectifying Nanopores in Aprotic Solvent: From Fundamentals to Applications

Ford, Courtney

Effects of Error & Expertise on Example-Based Explainable Artificial Intelligence (XAI)

Galvin, Danielle Molly

Investigating naturally-occurring agents and derivatives as novel pharmacotherapies in models of neuroinflammation and neuronal dysfunction

Hagos, Misgina Tsighe

Human-in-the-Loop Learning Using Model Explanations and its Impact on Neuroradiologists in Detecting Alzheimer's Disease

Jameson, Cian

Classifying Flag-Transitive Linear Spaces using Cyclic Line-Spreads and Orbit Polynomials

Jones, Aimee

Molecular determinants of sex differences in the regulation of the serotonin transporter

Lian, Qun

Exploring the genome sequence of diploid potatoes and dissecting the genetic architecture of agronomical traits using phenomics

Ma, Chaoying

Identification of potential *Acinetobacter Baumannii* vaccine candidates

Maronikolakis, Konstantinos

Universality and Boundary Behaviour of Holomorphic Functions

McCann, Ann

Novel methods of quantifying tumour characteristics on PET/CT and their application in personalised dosimetry and personalised therapy for patients with Neuroendocrine tumours.

McConnell, Lucas

Measurement of the Central Exclusive Production of the p_0 meson with LHCb Experiment

Mullen, Claire

Supporting student success: A multiple methods approach to mathematics support engagement and evaluation

- Naughton, Eva
Development of materials for sustainable artificial photosynthesis
- Neururer, Roisín
How to Solve the Problem of Problem-Solving? A focus on Junior Cycle classrooms
- Nicholls, Jack
Deep Graph Networks for Analysing Illicit Activity in Cryptocurrency to Combat Financial Cybercrime
- O'Connell, Adam
Biocatalytic routes to complex N-heterocycles
- O'Connor, Aoibheann
A New Paradigm for the Asymmetric Diels-Alder Reaction
- O'Neill, Eoin
Multimodal functional nanoparticles for applications in Nanotherapeutics
- Pendino, Marzia
Investigating the Therapeutic Potential of HU-210 in Preclinical Uveal Melanoma Research Models
- Sainz, Maite
Evaluation of host-pathogen interactions for the design of novel therapies against *Pseudomonas aeruginosa*
- Schughart, Maximilian
Investigating Barley Yellow Dwarf Virus epidemiology and insecticide resistance in the English grain aphid *Sitobion avenae* in post-neonicotinoid Ireland
- Shi, Jiaqi
A morphological and molecular analysis of reproductive development in hemp (*Cannabis sativa*)
- Singh, Saravjeet
Protein engineering of Serpins to alter protease specificity Exploring the therapeutic potential of SerpinB3 and recombinant variants to inhibit SARS-CoV-2 cell entry and replication.
- Souza, Andréa De Almeida
Characterization of Alginate-gelatin Hydrogels Chemical Mechanical and Biological Properties Via Fluid-phase 3D Printing Technology for the Use in Tissue Engineering
- Strachan, Elin
Uncovering the Pathogenic Mechanisms underpinning Autosomal Optic Atrophy
- Um, Jounghyun
Maximising the efficiency of terephthalic acid and ethylene glycol metabolism in *Pseudomonas umsongensis* GO16
- Warren, Greta
User-centred Counterfactual Explanations for Explainable AI
- Williams, Jake
Precession in Compact Binary Inspirals
- Yeow, Kathryn
Biocatalytic Cascades for the Synthesis of Therapeutic Iminosugars from Monosaccharides
- Zehe, Clara
Advanced spectroscopy of carbon based micro- and nanoparticles
- Zermeño Pérez, David
Sustainable manufacturing of bioresorbable polymer coatings with controlled antifouling and antibacterial properties

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

Handel
Charpentier
Handel

Water Music – Hornpipe
Te Deum (Prelude)
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.

