



University College Cork

Una tradición de pensamiento independiente

**A TRADITION OF
INDEPENDENT
THINKING**



UCC

University College Cork, Ireland
Coláiste na hOllscoile Corcaigh

Irlanda – ubicada entre Europa y las Americas



La Isla Esmeralda



Educacion, Cultura, Literatura, Musica

La educación esta en nuestro ADN

Larga y clásica tradición: “*Land of Saints and Scholars*”

Hoy en dia gozamos de destacada inversión publica en la Educación

Literatura: 4 escritores irlandeses recibieron el

Premio Nobel de Literatura –

George Bernard Shaw

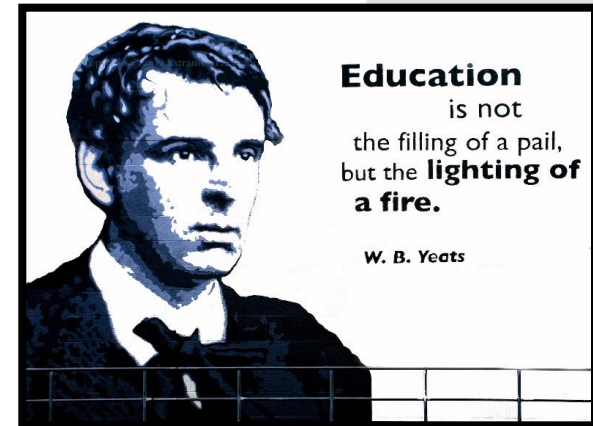
William Butler Yeats

Samuel Beckett

Seamus Heaney

Música: U2, Enya, Sinead O’Connor,

The Cranberries, Riverdance



Irlanda y Mexico

Historia

- El Batallón de San Patricio
- Juan O'Donoju
- William Lamport



Participación Económica

Intercambio comercial valuado en casi \$1 billion por año en agricultura, bebidas, químicos, vehículos y software

The logo for Kerry, featuring the word 'KERRY' in white, bold, uppercase letters on a dark blue background. A yellow horizontal line is positioned below the text.

The logo for Viva Aerobus, featuring the word 'viva' in green lowercase letters and 'aerobus' in red lowercase letters below it. To the left of the text are three small circles: a green one, a white one, and a red one.



Irlanda – Datos Generales

Tamaño: 70,282 km²

Idioma: Inglés (y Gaélico)
Único País Angloparlante de la Euro-zona

Miembro de la Unión Europea desde 1973

Moneda: Euro

PIB: €157 bn

PIB per cápita: €36,000

Promedio de la Euro-zona = €27,000

Población: 4.5 millones y el 50%
es menor de 35 años



Irlanda es No 1 en Europa en Eficiencia Terminal en Educación Superior



POPULATION
4,595,000



**ENGLISH
SPEAKING**



**LONG TRADITION
IN EDUCATION EXCELLENCE**



CURRENCY
EURO



**1ST IN EUROPE
FOR COMPLETION
OF THIRD LEVEL
EDUCATION**



SIZE
70,282km²



**INNOVATIVE
& CREATIVE CULTURE**



**LEADING
GLOBAL COMPANIES IN
IRELAND**



**A FRIENDLY
SAFE ENVIRONMENT**



Rankings Investigacion Global



* Impacto
Imunologia
Animal y Lacteos

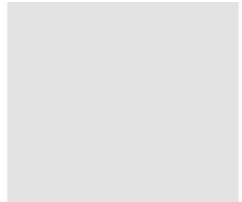
#3 en el mundo en nano-ciencias

#4 en el mundo en ciencias de computacion

#6 en el mundo en ciencias de materiales

#20 en el mundo en research citations

Citation per Paper (OECD Countries), InCites



Irlanda y Cork son la base europea para muchas empresas globales

Miembro de la UE, población 500m, representa 28% del PIB mundial.



McAfee[®]

IBM

facebook[®]

EMC²
where information lives[®]

Pfizer

gsk

Lilly
Answers That Matter.

ABBOTT

amazon.com[®]

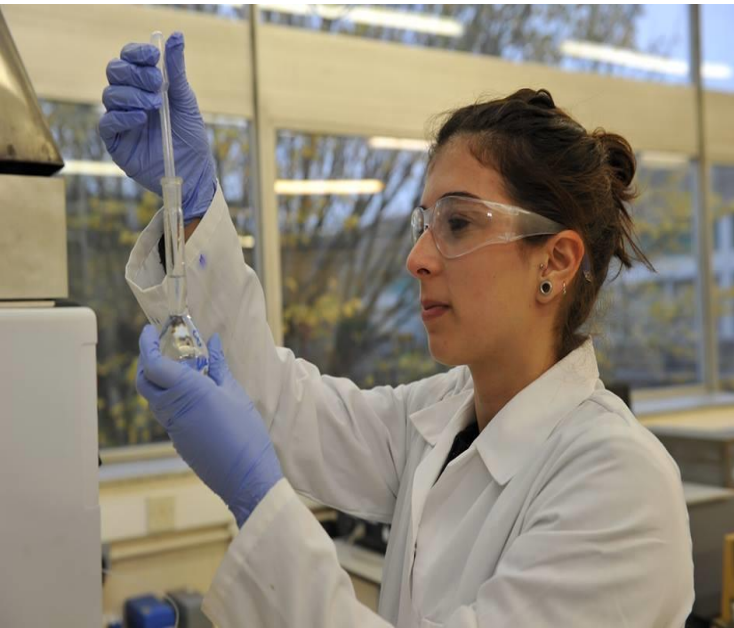
Google[™]



ebay

¿Por qué estudiar en UCC Irlanda?

- Universidad en top 2% a nivel global en rankings
- Fuerte enfoque en investigación aplicada
- Programas de estudio incluyen prácticas laborales en industrias relevantes



Puedes trabajar durante y quedarte despues de los estudios

El país más amistoso del mundo (*Lonely Planet*)

País europeo moderno y cosmopolita

- Mexicanos no requieren visa
- Puedes trabajar mientras estudias
- Al graduarte tienes derecho a visa de trabajo



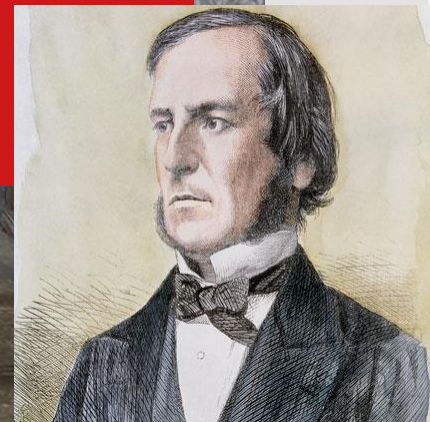
UCC data de 1845 como Queens University Cork,
hoy forma parte de National University of Ireland



Combina una amplia tradición de enseñanza,
investigación y destacados egresados



**GEORGE
BOOLE***
200



UCC AT A GLANCE



20,700

registered students

13,972

undergraduates

4,390

postgraduates

1,196

PhD students

3,317

international students
from 104 countries

2,739

adult and continuing
education students

130,000

Alumni worldwide



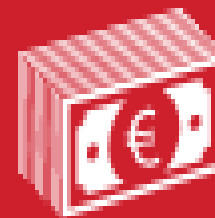
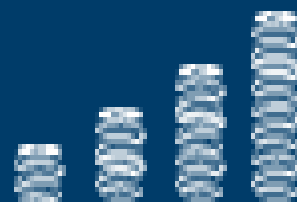
2,800

Academic, research &
Administrative staff



€290m

annual income



€90+m

annual research income

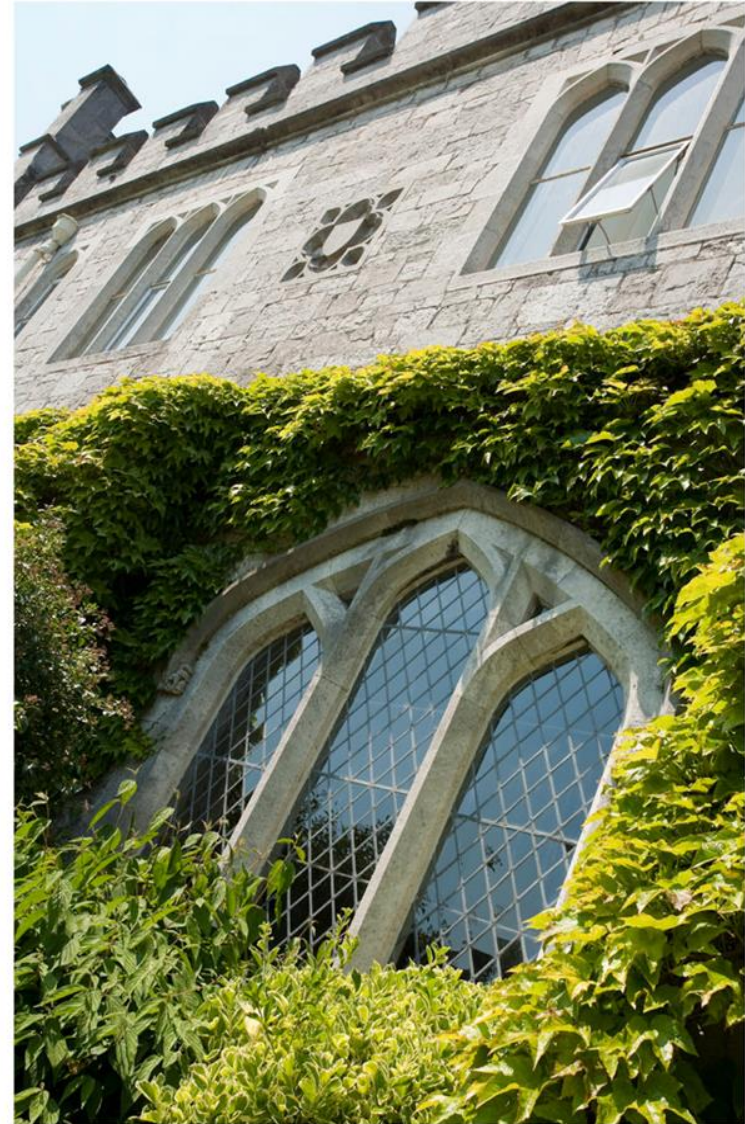
TOP
2%

In the world



Facultades en UCC

- Facultad de Arte, Estudios Celtas y Ciencias Sociales
- Facultad de Negocios y Derecho
- Facultad de Ciencias, Ingeniería y Ciencia de los alimentos
- Facultad de Medicina y Salud



Humanidades

College of Arts, Celtic Studies and Social Sciences

Schools/Departments:

Applied Psychology

Applied Social Studies

Asian Studies

Religions

Education

English

History (including History of Art)

Geography & Archaeology: The Human Environment

Politics

World Languages

Literatures & Cultures

Irish Learning

Music and Theatre

Sociology & Philosophy

Classics



Facultad de Negocios y Derecho

College of Business and Law

Schools/Departments:

Child and Family Law

Constitutional and Administrative Law

Corporate, Commercial, Consumer and Financial Law

Criminal Justice

Cyber law

Intellectual Property and Information Law

Environmental, Marine and Natural Resources Law

Human Rights and Public Policy, International Law

Language and the Law

Medical and Mental Health Law

Private Law

Accounting and Finance

Business Information Systems

Centre for Co-operative Studies

Centre for Policy Studies

Economics

Food Business and Development

Government

Management and Marketing

School of Mathematical Sciences

Facultad de Ciencias, Ingeniería y Ciencias de los Alimentos

College of Science Engineering and Food Science

Schools/Departments:

- Biological, Earth & Environmental Sciences
- Computer Science and Information Technology
- Engineering
- Food and Nutritional Sciences
- Biochemistry and Cell Biology
- Microbiology
- Mathematical Sciences
- Chemistry
- Physics

Ciencia de los Alimentos en UCC

Postgraduate

- Food Science (MSc)
- Food Business (MSc)
- Food Marketing (MBS)
- Food Microbiology (MSc)
- Food Science and Technology (Hdip)
- Nutritional Science (MSc)

Principal research themes

- Food Science
- Food and the Consumer
- Food and Health
- Nutrition and Human Health



Medicina y Ciencias de la Salud

College of Medicine and Health

Schools/Departments:

University Dental School and Hospital

Medicine, Nursing and Midwifery

Pharmacy

Clinical Therapies - Occupational Therapy

Clinical Therapies - Speech & Hearing Sciences

Anatomy, Epidemiology and Public Health

General Practice

Medicine (Department)

Obstetrics and Gynaecology

Paediatrics and Child, Health

Pathology

Pharmacology and Therapeutics

Physiology

Psychiatry

Radiology

Surgery

**UCC Ranking - Top 2% mundial – 230 en QS
No. 1 en Europa 2015 por U-Multirank**



**THE SUNDAY TIMES
GOOD
UNIVERSITY
GUIDE
2016**

**UNIVERSITY
OF THE
YEAR**

UNIVERSITY COLLEGE CORK

QS World University Rankings by Subject

UCC's performance has reinforced its position as a **leading university internationally**, with 13 subject areas featuring in the top tier globally.

13 UCC subject areas overall feature among the world's elite institutions

1. English Language & Literature
2. History
3. Modern Languages
4. Computer Science & Information Systems
5. Engineering (Chemical)
6. Engineering (Electrical)
7. Biological Sciences
8. Medicine
9. Pharmacy & Pharmacology
10. Chemistry
- 11. Environmental Sciences**
12. Physics & Astronomy
13. Law



UCC scored the highest number of **A grades** - 21 out of a possible 28 –

“UCC is the top performing higher education institution internationally according to the EU sponsored U-Multirank”

2015 survey of the 1,200 higher education institutions from 83 countries adjudicated over the past two years

Highlights of UCC’s performance includes:

• **Research Indicators** – UCC achieved A’s for all 8 research indicators (including citation rates, research publications, top cited publications, research income and post-doc positions).

• **Knowledge Transfer Indicators** – UCC achieved 4 A’s out of a possible 6 (including co-publications with industry partners, patents awarded and publications cited in patents).

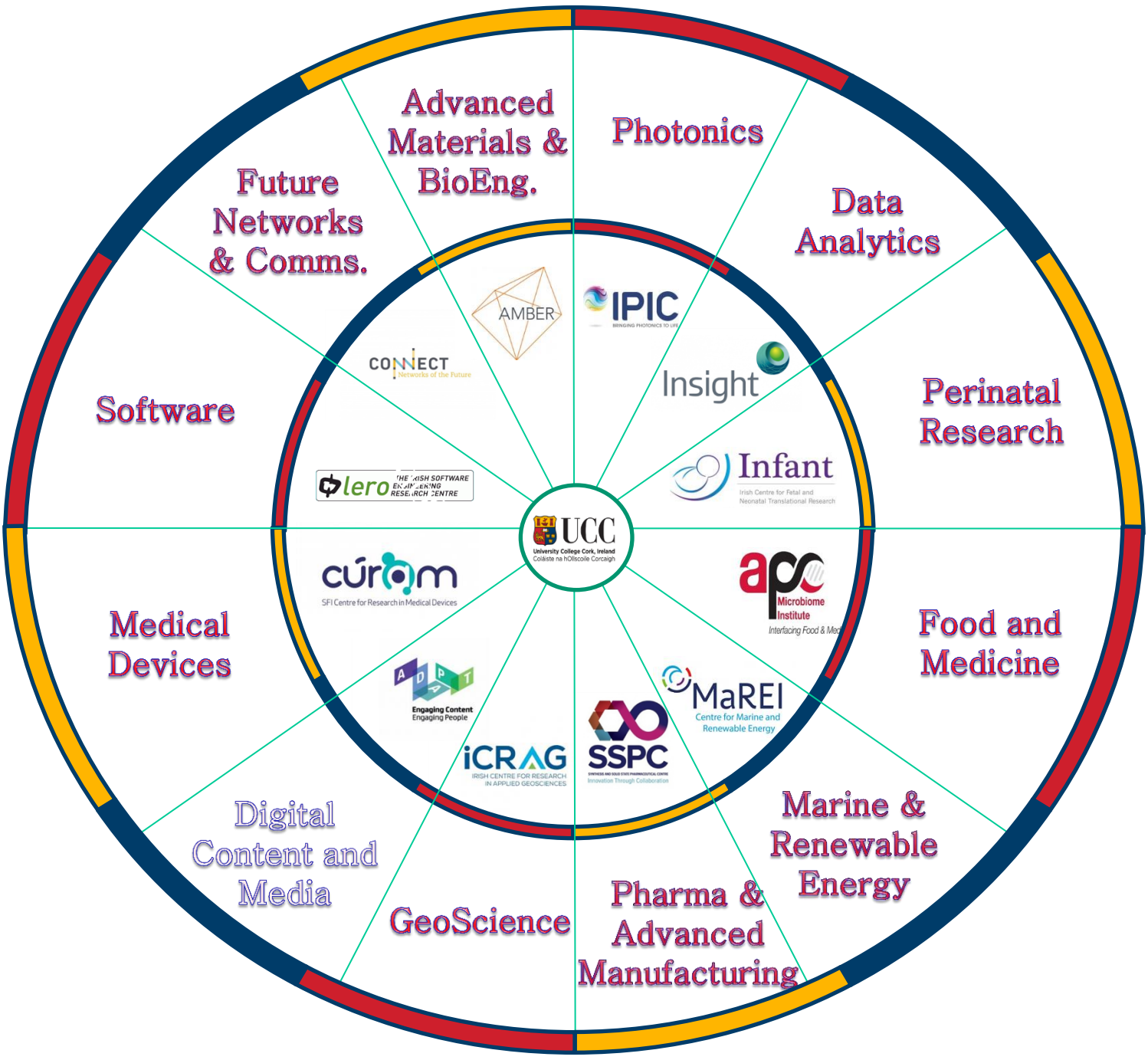
The Leiden Ranking measures the scientific performance of 750 major universities worldwide, using a sophisticated set of bibliometric indicators

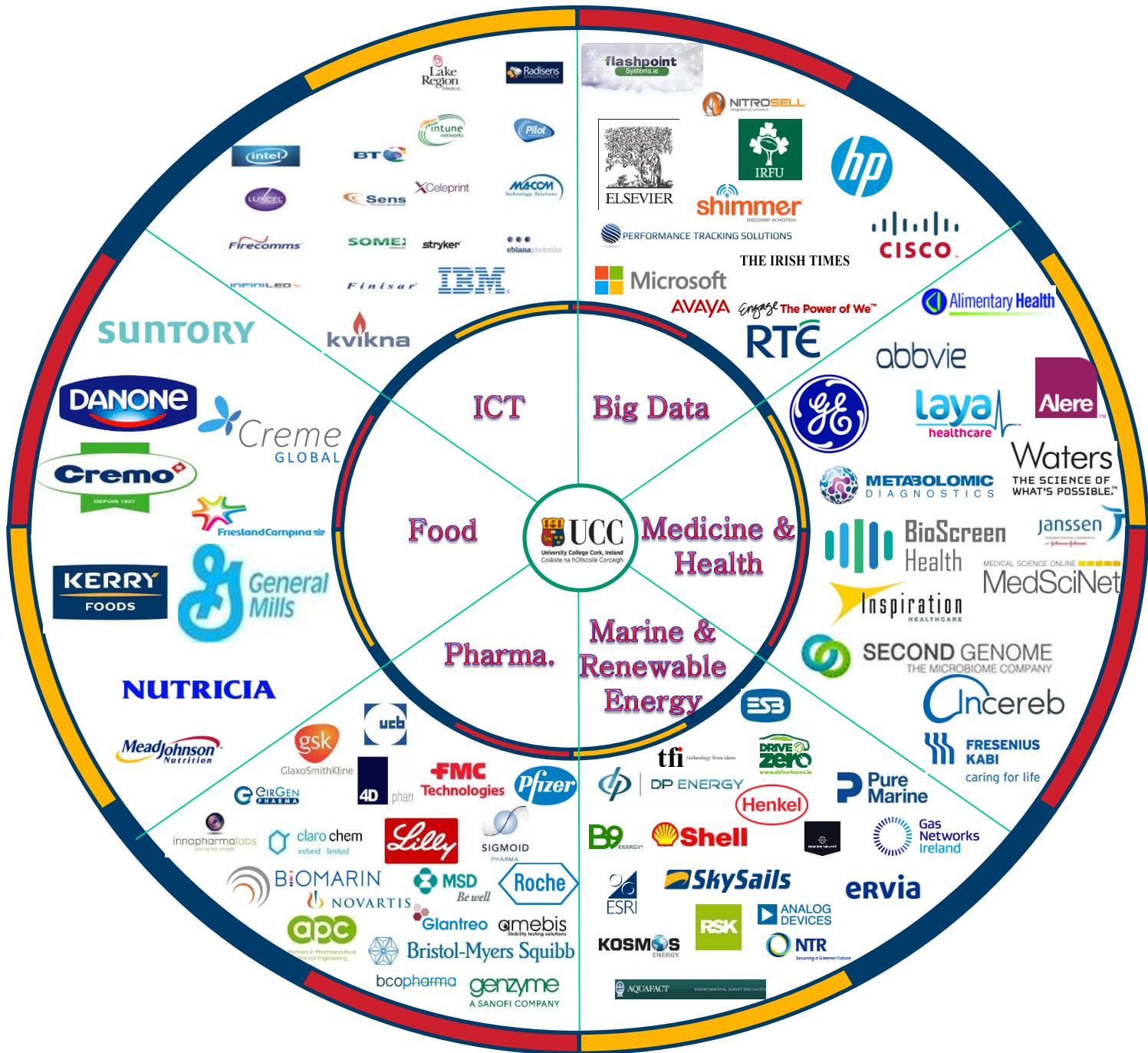
1st in Ireland and 16th in Europe based on impact and proportion of papers in top 1% of academic journals

Rank	University	Country	P	PP(top 1%)	Stability interval
1	Univ Coll Cork		2303	1.7%	
2	Trinity Coll Dublin		3030	1.5%	
3	Natl Univ Ireland - Galway		1568	1.3%	
4	Univ Coll Dublin		3383	1.2%	

0% 1% 2% 3% 4%

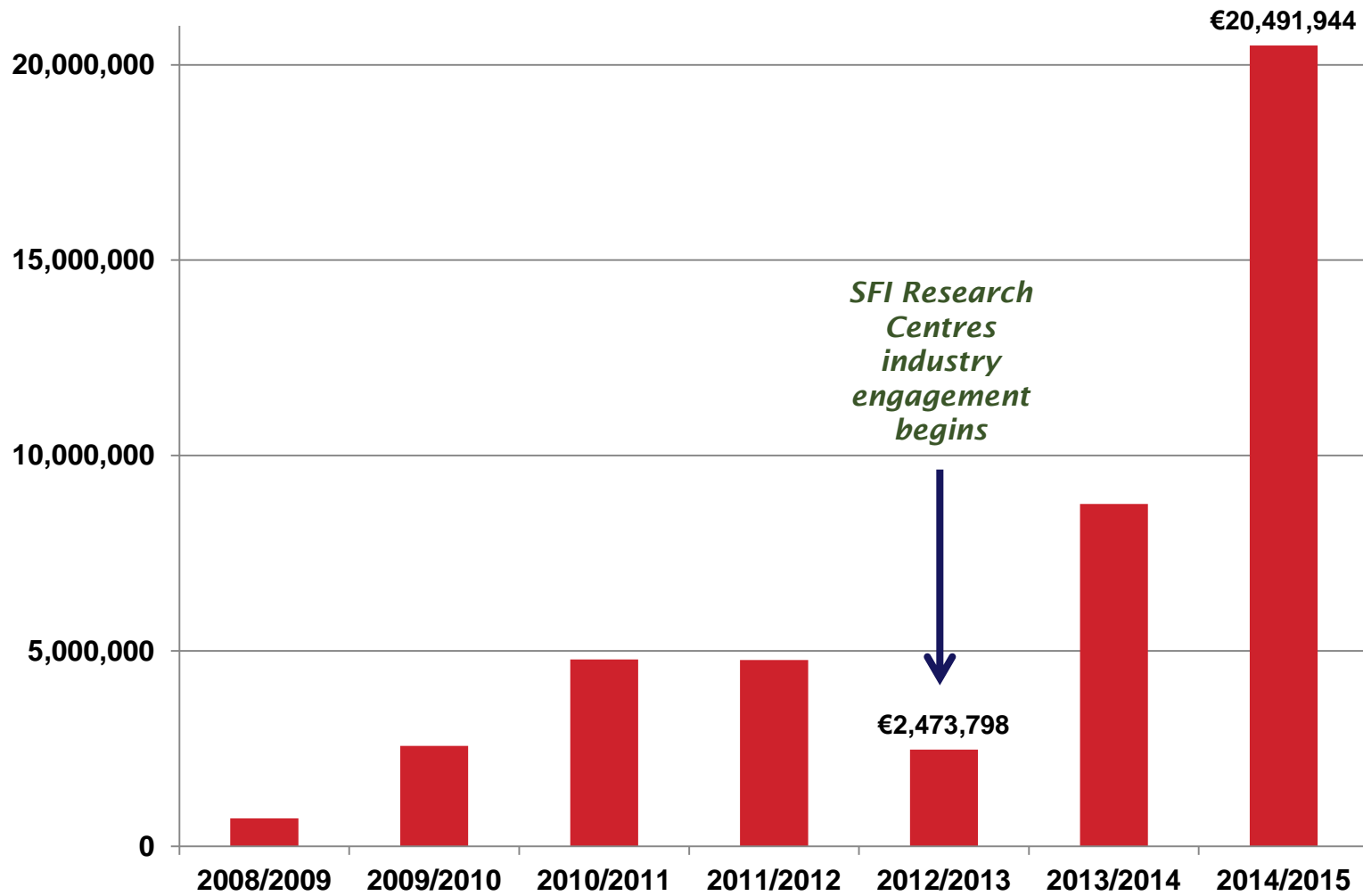
FOCUSED & STRATEGIC





Local Presence
Global Reach

Industry Income (€)



Technology Centres at UCC



CCAN
Collaborative Centre for
Applied Nanotechnology



MCCI
Microelectronic Circuits Centre Ireland



DPTC
DAIRY PROCESSING
TECHNOLOGY CENTRE



IERC
International Energy Research Centre



Governance, Risk & Compliance
Technology Centre



CeADAR Centre for Applied Data Analytics Research



The Irish Centre for
Cloud
Computing
& Commerce

Campus Verde



No 4 en el mundo por Universitas Indonesia (UI) Greenmetric World University Rankings



Investigación en UCC

5 estratégicas áreas temáticas de investigación:

- Centro Farmacéutico Alimentario/Facultad de Biociencias
- Facultad de Investigación Medioambiental
- Tyndall National Institute: ICT
- Facultad de Ciencias Sociales del Siglo 21

No 1 en fondos por investigador

Más de 401 millones de euros como ingreso destinado a investigación en los últimos 5 años.



Moisés Akkin-mai Jezzini de Anda, Tamaulipas

Doctorado en *Optoelectrónica* @ **Tyndall National Institute UCC - Becario Conacyt**



“En UCC y Tyndall el nivel de investigación es muy alto y los laboratorios están muy bien equipados. Cork es un lugar muy bonito, con personas muy amables, y lleno de cosas que hacer”.

www.tyndall.ie

Tyndall National Institute



- Created in 2004 from the National Microelectronics Research Centre (NMRC) – Est. 1982
- Largest research institute in Ireland
- >€200M capital investment
- >420 UCC & CIT research engineers, scientists, students, interns, industry & support staff



SEAI Award Winner
Sustainable Energy Awards 2010
Renewable Energy Systems Award
Data Centre Heat Recovery Project



- Micro-nanoelectronics
- Photonics
- Microsystems
- CMOS, III-V Processing
- High Flexibility
- Applications:
 - Communications
 - Energy
 - Healthcare
 - The Environment

From Atoms to System ...

Generating Value from Research

Enrique Abraham Chan Gutierrez, Yucatan

Doctorado en Bio-gas en el
Centro de Investigaciones
Ambientales (ERI) UCC -
Becario Conacyt



www.ucc.ie/en/eri/



Five research pillars

- Environmental Chemistry
- Biodiversity & Ecotoxicology
- Marine & Freshwater Research
- Sustainable Energy & Environmental Engineering
- Environmental Microbial Genomics

Four centres of excellence

- Aquaculture and Fisheries Development Ctr
- Coastal and Marine Resources Centre*
- Hydraulics & Maritime Research Centre*
- Aquatic Services Unit

*ERI@MERC PRTL15
New building

Energy

Environment

Marine

"National Strategy for Science, Technology and Innovation"
"Building Ireland's Smart Economy"
"Developing the Green Economy in Ireland"
"UNEP's Global Green Deal"

Yensi Flores, Honduras

Masters y Doctorado en Biología Molecular Centro de Investigación sobre el Cáncer (CCRC)

*“UCC opened opportunities to fulfil my dreams: **Start a PhD in a highly recognized Cancer Research Center (CCRC) and to start a Diagnostics Company.** The support I received from my program coordinator and my research supervisor and their amazing commitment to guide my career development was the inspiration I needed to keep on-track and reach my goals. <http://www.ccrcc.ie/>*



Becaria Erasmus Mundus y Becaria UCC para PhD

*Cork has an outstanding culture of entrepreneurship, where you get support to develop your business idea. My business project was selected for the **UCC Ignite Start Your Own Business Programme**, which has been an amazing experience”.*

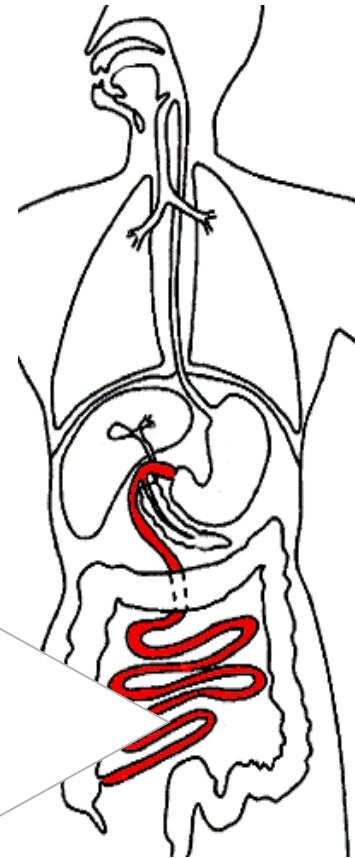
Alimentary Pharmabiotic Centre

Alimentary Pharmabiotic



The interface of Centre
food and medicine

Microbial-host
signalling within
the gut



Biosciences Institute

Funded under PRTL I cycles 1, 3, & 4, with self-funded expansion to support IDA-funded industrial research

Departments/Centres:

- APC
- Biochemistry
- BIOMERIT, CCRC & CRVB
- Food, Health, Nutrition
- Microbiology
- Physiology
- Neuroscience/Anatomy

Platform Technologies:

- Functional genomics, proteomics, bioinformatics, advanced microscopy, cell imaging, transgenics

Research Programmes:

- Neuroscience
- Cancer Biology
- Microbe-Host Interaction
- Cell Biology and Integrative Physiology
- Food for Health



UCC y Mexico

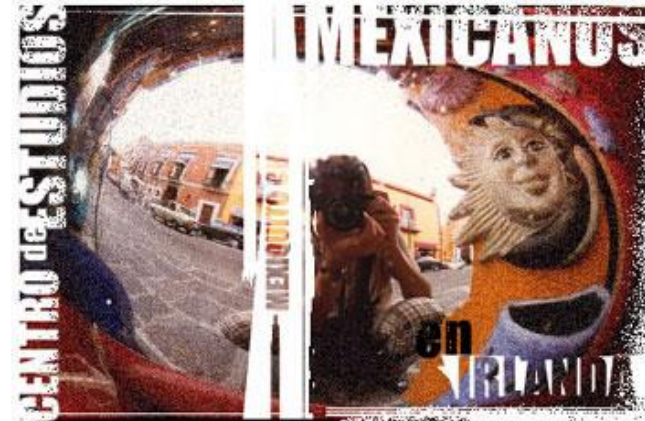
Unico Centro de Estudios Mexicanos en Irlanda (1997) licenciaturas y posgrados sobre cultura Mexicana.

Visitantes distinguidos: **Carlos Fuentes, Juan Villoro, José Emilio Pacheco, Carmen Boullosa, y Sebastian**

- Cátedra Juan Rulfo - UNAM
- Cátedra Cine y Literatura John Huston - CUC UdeG

Dept of Process and Chemical Engineering – Collaborative Research with **Universidad Autonoma de Coahuila**.

UCC was a partner of the EU-LA Postgraduate Research Network in the VALORIZATION of NATURAL-resources (VALNATURA) involving 8 institutions to promote postgraduate mobility and the development of research expertise in multidisciplinary areas such as Bioprocessing (Sciences, Chemistry and Engineering).



Realizar un Posgrado en UCC

CONACYT – Becas

FONCA-CONACYT Becas

Becas Préstamo con FUNED:

www.funed.mx y

Banco de Mexico: FIDERH:

<http://www.fiderh.org.mx/>

Variedad de Programas - Centros de Excelencia

Inglés Certificado:

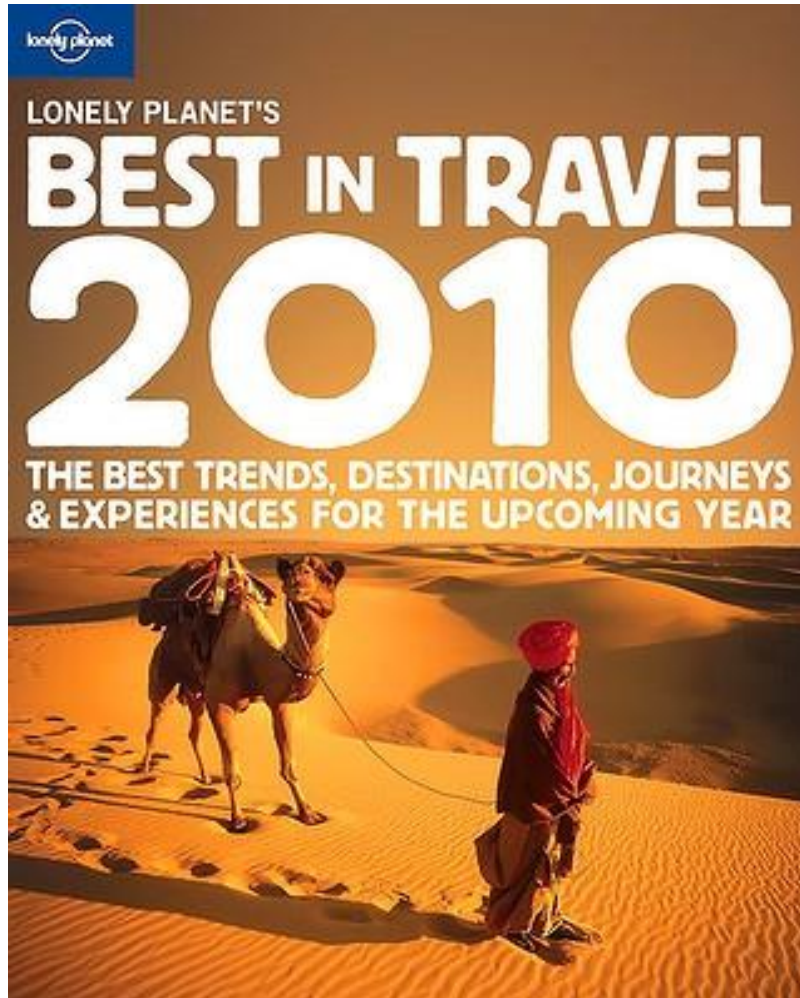
TOEFL iBT 90

IELTS 6.5

Sobre Cork



Sobre Cork



LONELY PLANET'S TOP 10 CITIES 2010 »



'The stock of the so-called 'Rebel County' has been on the rise even more since it was named the European Capital of Culture in 2005...'

By Declan Cashin

CORK, IRELAND

- ◉ **POPULATION** 119,418 (CITY), 381,877 (COUNTY)
- ◉ **FOREIGN VISITORS PER YEAR** 204,300
- ◉ **LANGUAGE** ENGLISH, WITH A STRONG MUSICAL LILT
- ◉ **UNIT OF CURRENCY** EURO (€)
- ◉ **COST INDEX** PINT OF BEER €4.50 (US\$6), MIDRANGE HOTEL DOUBLE €60-100 (US\$80-132), DORM €15-50 (US\$20-66), SHORT TAXI RIDE €8 (US\$11), ADMISSION TO LIVE-MUSIC GIG €10 (US\$13)

102 BEST IN TRAVEL 2010

Cork – Ciudad Cultural y Estudiantil



20% de la población de 125,000 son estudiantes y hay 24 festivales anuales: Comida, Cine, Arte, Literatura, Música, etc...

Festival Internacional de Jazz en octubre

San Patricio el 17 marzo



Aeropuerto Internacional en Cork

Vuelos baratos a todo Europa y muy pronto a Boston en Estados Unidos



Irlanda – votado el mejor lugar en 2015 por estudiantes internacionales en Europa



Clubs & Societies



Instalaciones Deportivas



Alojamiento en el Campus



**Video realizando por un
estudiante brasileno de intercambio
en UCC, Irlanda 2014 - 2015**

<https://www.youtube.com/watch?v=xm5DtWD7-sc>

Video sobre Posgrados en UCC:

<https://www.youtube.com/watch?v=oLNkTIdBVko>

Contacto

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Cooperación con América Latina

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<http://www.ucc.ie/international>

Facebook:

www.facebook.com/UCCInt

Facebook: UCC Latin America

uccinternational.wordpress.com/

