Trinity College Dublin

The University of Dublin

Faculty of Health Sciences

Research Day 15th Sept 2016

Prof John Boland
Vice President and Dean of Research

Trinity - Facts & Figures

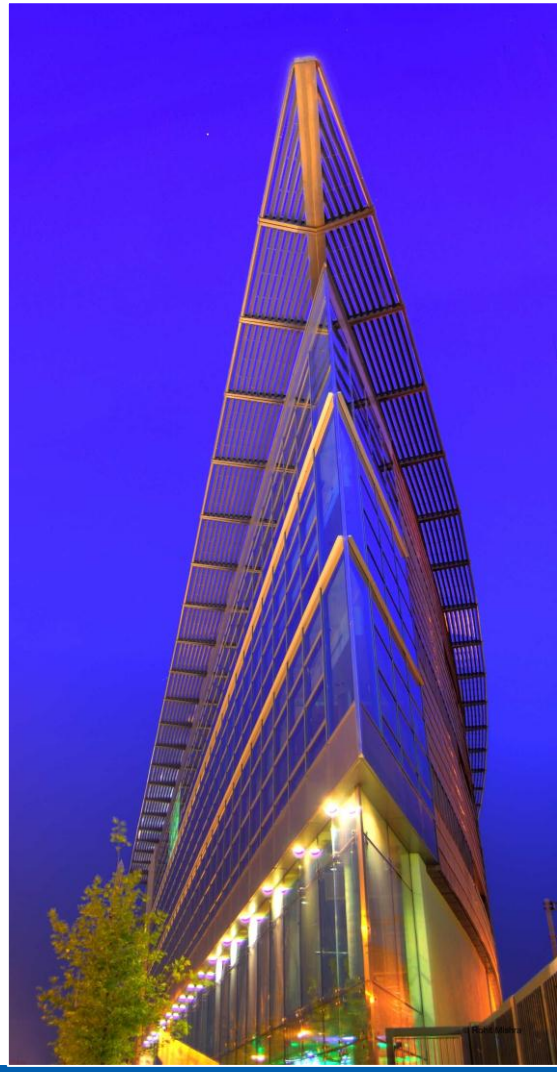
Coláiste na Tríonóide, Baile Átha Cliath
Trinity College Dublin
Ollscoil Átha Cliath | The University of Dublin

17,000 students from **122** countries **12%** are international

2,500 staff of which **800** academic staff

43% of international academic staff

Library collection has over **6,000,000** items, and provides electronic access to over **30,000** journals



A World Class University

Rankings

31st Nursing

32nd English & Literature

39th Modern Languages

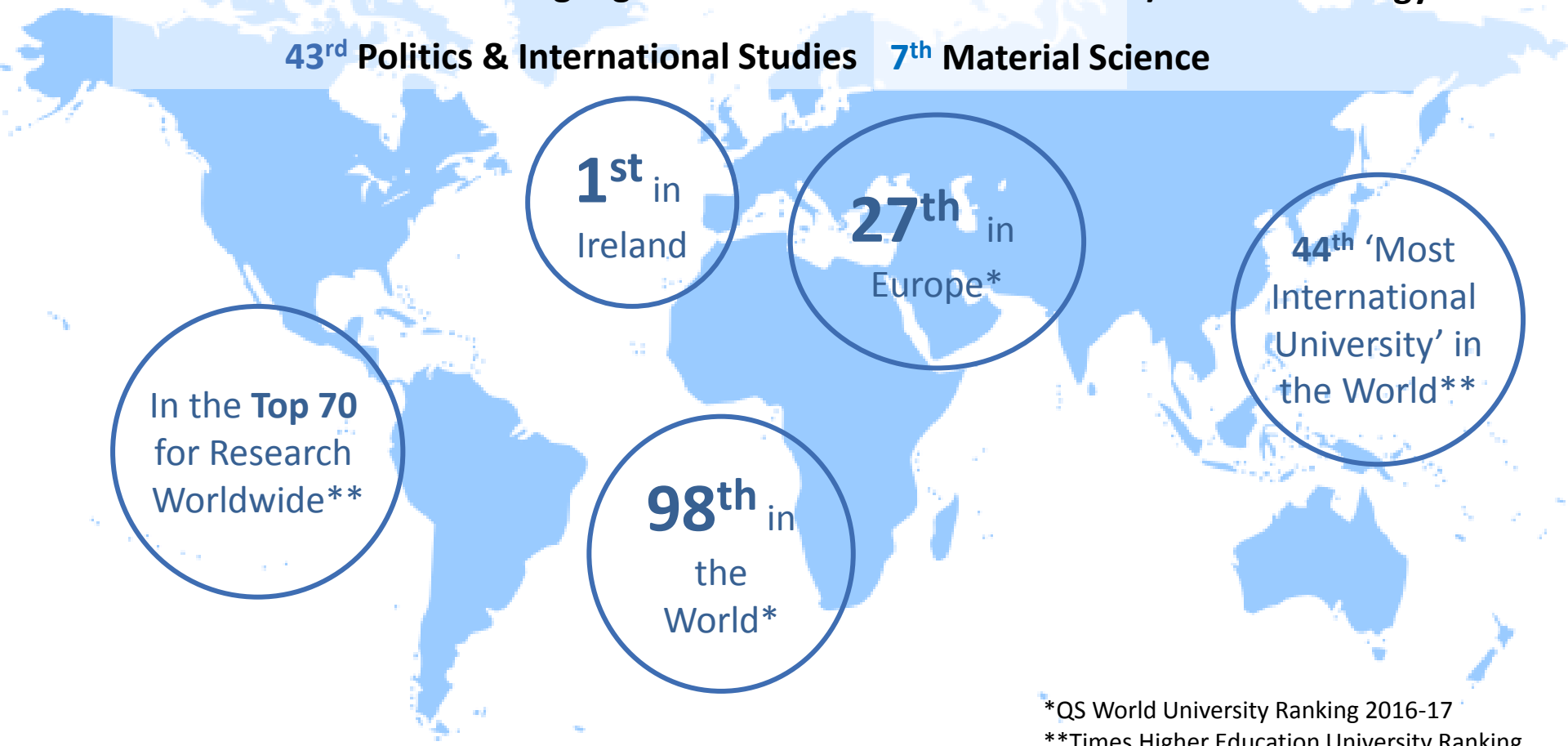
43rd Politics & International Studies

2nd Immunology

3rd Computer Science

3rd Nanoscience/Nanotechnology

7th Material Science

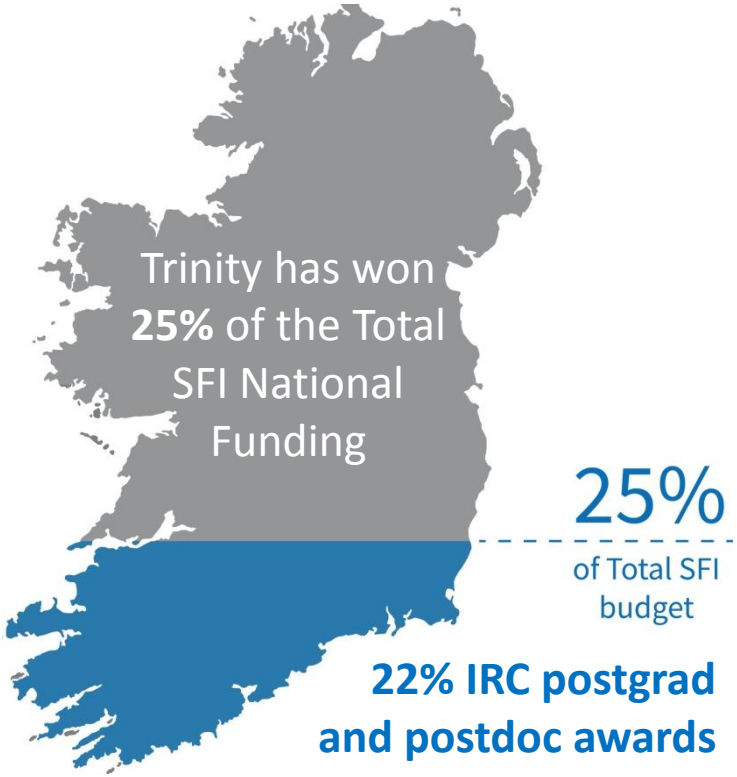


*QS World University Ranking 2016-17
**Times Higher Education University Ranking

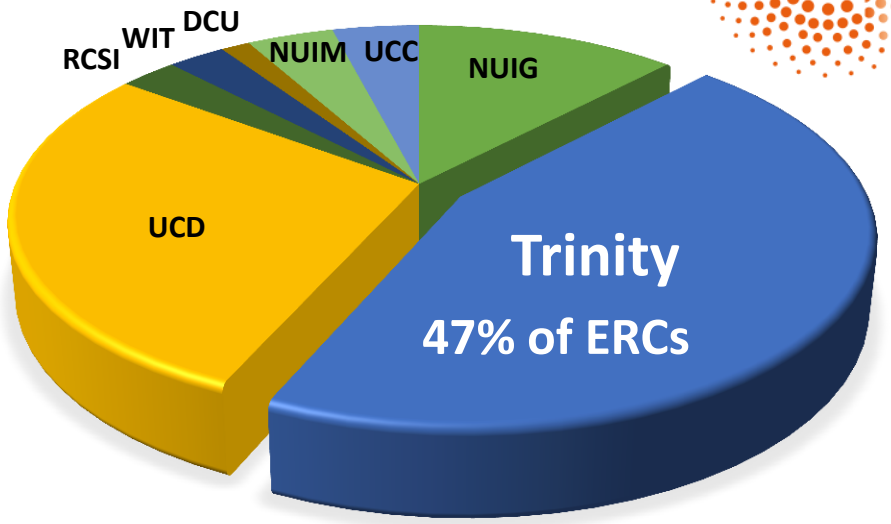
Trinity – Ireland's Leading University

Ireland's No.1 University

Trinity has 16% of academic university faculty nationally



22% IRC postgrad and postdoc awards

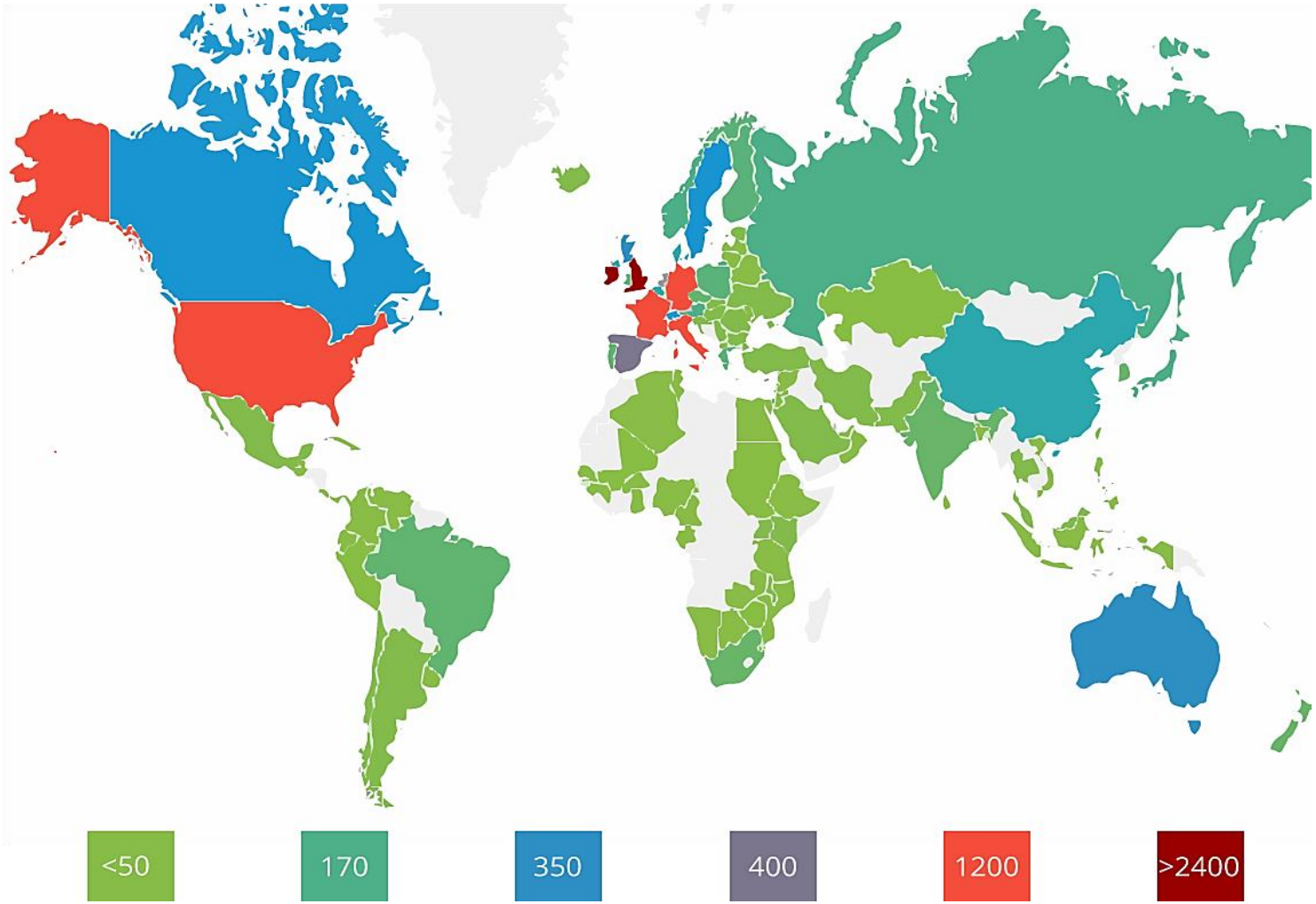


33 ERC Grants from FP7 & H2020 (2007-2015)

2nd most successful nation in terms of ERC success rates in first round of H2020

Research Collaborations

Number of discrete academic and research collaborations



Trinity collaborates with 5000 institutions worldwide

Source: Thomson Reuters InCites

Breadth of Research

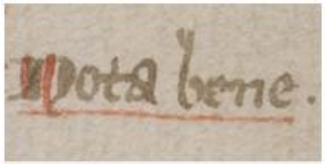
Research Themes

International Development

International Integration

Digital Humanities

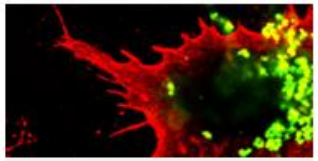
Genes & Society



Manuscript, Book and Print Cultures

Digital Engagement

Identities in Transformation



Immunology, Inflammation & Infection

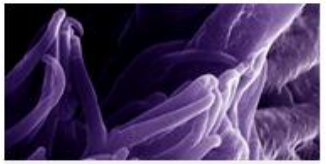
Next Generation Medical Devices

Smart & Sustainable Cities

Sustainable Environment

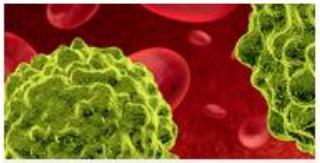
Making Ireland

Inclusive Society



Nanoscience

Ageing



Cancer

Creative Arts Practice

Creative Technologies

Neuroscience

Societal Grand Challenges

Research Themes

International Development

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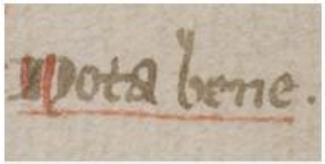
Digital Humanities

Genes & Society



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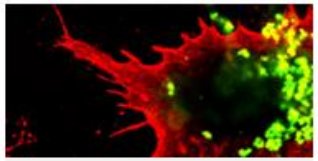

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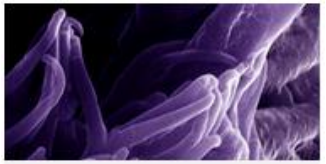

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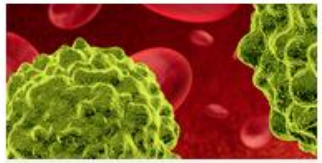

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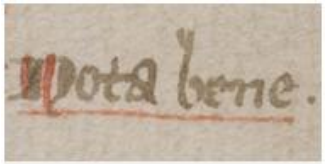

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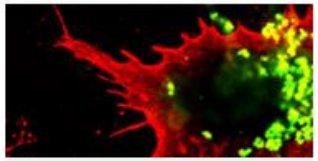

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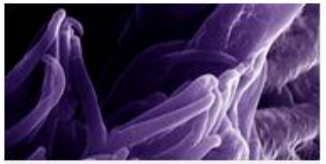

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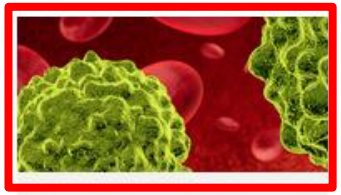

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Research Institutes

The research eco-system

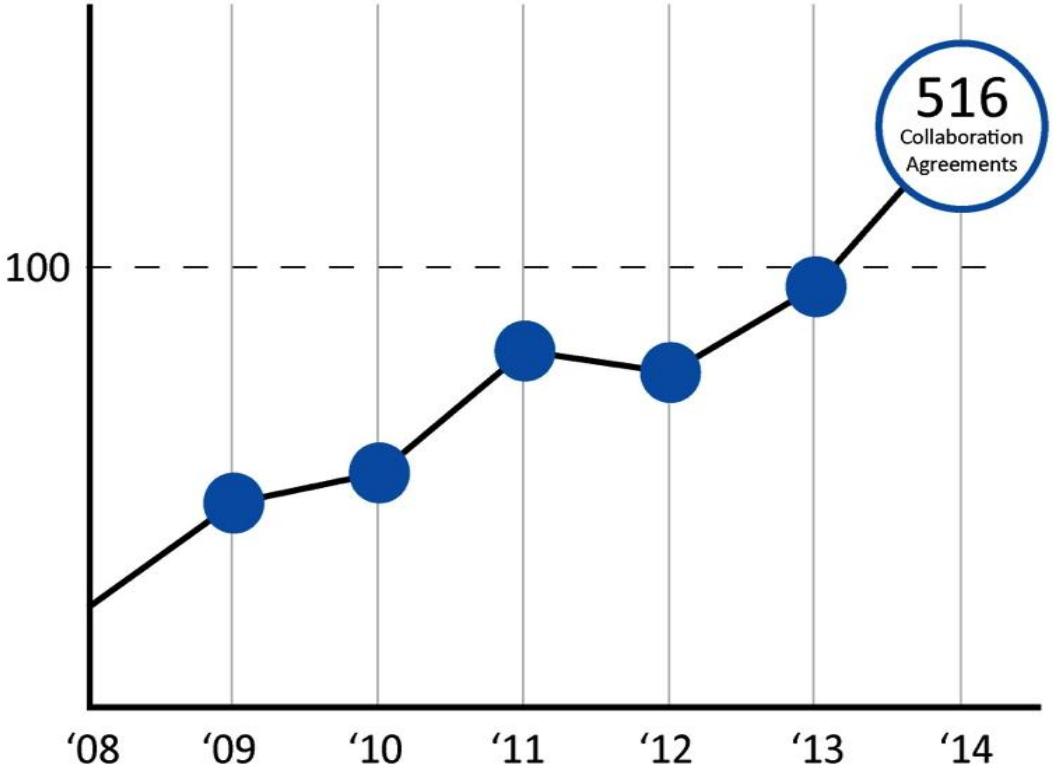
Trinity Translational Medicine Institute (TTMI) @ St James' Campus

Industry Partnerships

Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin

Collaboration Agreements

Trinity reached **516 collaboration agreements** between 2008-2014



DoR Initiatives

PI Quantitative Analytics - roll-out

Launch of TTMI at St. James Hospital next year

Re-visiting the relationship between Trinity and Hospital

Re-classification of researchers based in hospitals

Wider provision of Trinity wireless and library access

FHS - Facts & Figures

Research income €65.6m (since Oct 2012, about 25% TCD research income)

Publications 6,600 (since 2011)

Citations: 73,000

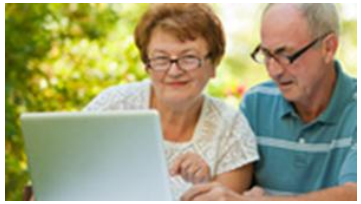
Citations per publication: 11

Aiden Corvin & Michael Gill – world's most-cited researchers

The Global Brain Health Institute (GBHI) works to reduce the scale and impact of dementia around the world by training and supporting a new generation of leaders to translate research evidence into effective policy and practice.

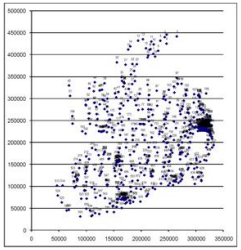
Dementia affects over 46.8 million individuals globally—the number of people affected is expected to double every 20 years, reaching 131.5 million in 2050

The Atlantic Philanthropies,
Trinity College Dublin & University of California, San Francisco



The Irish LongituDinal Study on Ageing (TILDA) is a large-scale, nationally representative, longitudinal study on ageing in Ireland

Over 8,500 people took part in the first wave of TILDA in 2009 and 2010. Commenced Wave 2 of the study in 2012



CENTERS FOR DISEASE CONTROL AND PREVENTION

Analyzing and evaluating potential risk factors for amyotrophic lateral sclerosis – Orla Hardiman TBSI - ca € 1M USD (collaborating with Cuba – possibly first US federal funding for research to Cuba!)

Wellcome Trust - HRB
Clinical Research Facility
at St. James's Hospital

Michael Gill, Wellcome Trust
National Clinical PhD programme

ProACT

Advancing Proactive Digital Integrated Care

ProACT (Integrated Technology Ecosystem for ProACTive Patient Centred Care) will address a major EU research priority in personalised healthcare to develop advanced ICT systems and services for Integrated Care.

ProACT will target Europe's 50 million multi-morbid patients to proactively self-manage and offset the EU's annual €700 billion cost of chronic disease management

Recipe for Career Success

- **Focus on excellence – quality not quantity**
- **Establish a network of colleagues at TCD and internationally**
- **Work with mentors and TR&I to develop grant writing skills**
- **Understand the funding landscape (Ireland, EU and beyond)**
- **Identify relevant activities of scale (Centres & Institutes)**
- **Explore opportunities with external stakeholders**
- **Develop a dissemination strategy for your research**
- **Contextualise your research to highlight and maximise its impact**

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Questions?