Faculty of Health Sciences

Research Day 15th Sept 2016

Prof John Boland
Vice President and Dean of Research
Trinity - Facts & Figures

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

1st in Ireland
27th in Europe*

98th in the World*

2nd Immunology
3rd Computer Science
3rd Nanoscience/Nanotechnology
7th Material Science

In the Top 70 for Research Worldwide**

44th ‘Most International University’ in the World**

*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

Trinity has won 25% of the Total SFI National Funding

25% of Total SFI budget

22% IRC postgrad and postdoc awards


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

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Inclusive Society
Nanoscience

Ageing
Cancer
Creative Arts Practice
Creative Technologies
Neuroscience
Research Institutes
The research eco-system

Trinity Translational Medicine Institute (TTMI) @ St James’ Campus
Industry Partnerships

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.
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!)

Michael Gill, Wellcome Trust
National Clinical PhD programme
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
Questions?