

Research Institutes and Centres

Staff with an affiliation to a research institute/centre are listed under their respective school or department.

Trinity Research Institutes

CENTRE FOR RESEARCH ON ADAPTIVE NANOSTRUCTURES AND NANODEVICES (CRANN)

The Centre for Research on Adaptive Nanostructures and Nanodevices (CRANN) comprises a team of three hundred researchers from over forty-five different countries, led by eighteen principal investigators and seventeen investigators, each of whom is an internationally recognised expert in his/her field of research. CRANN principal investigators are based across multiple disciplines including physics, chemistry, medicine, biochemistry and immunology, engineering and pharmacy. CRANN works at the frontiers of nanoscience developing new knowledge of nanoscale chemical and physical phenomena, with a particular focus on new device and sensor technologies for the ICT, biotechnology and medical sectors.

CRANN has two state-of-the-art buildings both custom designed and constructed for the purpose of leading edge nanoscience research. The Naughton Institute is a 6000m² research facility on the campus of TCD. The CRANN Advanced Microscopy Laboratory (AML) was completed in 2009. This facility on Pearse Street houses Ireland's most advanced microscopy instrumentation, enabling Ireland to compete internationally in this capability.

Through the SFI funded Centre for Science, Engineering and Technology (CSET), CRANN had a specific remit to work with industry. This led to CRANN leading the €58 million AMBER (Advanced Materials and BioEngineering Research) centre award, where TCD, UCC, and RCSI researchers partner with industry to collaboratively address materials related research programs. This award is SFI funded, based on industry direct cash and in-kind contribution. CRANN has been very successful in obtaining non-Exchequer funding (e.g. European Union Frameworks, H2020, EIC KIC) that enabled the establishment of an extensive academic partnership network involving over a hundred European universities and one hundred and sixty universities globally.

On a national basis CRANN lead the INSPIRE consortium (www.inspirenano.com) comprised of the foremost nanoscience researchers in Ireland based across eight academic institutions. CRANN, in partnership with the Tyndall National Institute, co-hosts the Competence Centre for Applied Nanotechnology (CCAN). Funded by Enterprise Ireland and the Industrial Development Agency, CCAN enables research provider organisations to partner on industry defined research programmes and includes both leading multi-nationals such as Intel and Analog Devices and indigenous Irish companies such as Creganna and Proxy Biomedical.

CRANN has been funded predominately by Science Foundation Ireland and has also obtained competitive funding from the Higher Education Authority, Enterprise Ireland, industry, the EU Commission, and philanthropic sources, notably Dr Martin Naughton.

See <http://www.crann.tcd.ie>.

Director

Stefano Sanvito, LAUREA (MILAN), PH.D. (LANC.), M.R.I.A., F.T.C.D. (2006)

Deputy Director

John Francis Donegan, B.SC. (N.U.I.), M.A., M.SC. (N.U.I.), PH.D. (N.U.I.), C.PHYS., F.INST.P., F.T.C.D. (2000)

Senior Business Development Manager

Brendan Ring, B.ENG. (D.C.U.)

General Manager for Operations

Colm McAtamney, B.SC. (N.U.I.), M.SC. (D.C.U.), DIP. APPLIED PROJECT MGMT (N.U.I.)

Business Development Manager

Keith Alden, B.SC. (N.U.I.), PH.D. (N.U.I.)

Research Institutes and Centres

Intellectual Property Contracts and Commercialisation Manager

Brian Callagy, B.E. (N.U.I.), M.SC. (LOND.), M.B.A. (N.U.I.), H.DIP. QUALITY ASSURANCE (N.U.I.)

Commercialisation Development Manager

James Doyle, B.A., PH.D.

E.U. Grants Manager

Emma Leahy, B.A. (LIMERICK), M.A. (LIMERICK), GRAD. DIP. BUSINESS ADMINISTRATION (LIMERICK)

Funding Manager

Deirdre Caden, B.SC. (N.U.I.), M.SC. (WALES)

Senior Programme Manager

Richard Twohig, B.A. (CANTAB.), M.ENG. (CANTAB.), M.E. (N.U.I.)

Communications, Outreach and Public Affairs Manager

Mary Colclough, B.SC. (HUM. NUT.), M.A. (OPEN), P.G.DIP. I.T. (D.C.U.)

Head of Research Infrastructure and Facilities

Cathal McAuley, B.SC. (OPEN), M.SC. (LIMERICK)

Education and Public Engagement Officer

Miriam Harte, B.SC. (N.U.I.), M.SC.

Accounts Administrators

Jacqueline Ballantine-Armstrong

Tracy Byrne

Administrative Officer

Mary McCarthy, B.AGR.SC. (N.U.I.), M.AGR.SC. (N.U.I.)

Senior Experimental Officer

Jing Jing Wang, B.ENG. (TSINGHUA), M.SC. (PEKING), PH.D. (LEEDS)

Experimental Officer

Colm Faulkner, B.SC. (BELF.), PH.D. (DURH.)

Senior Technical Officer

Michael Finneran, DIP.ENG. (H.E.T.A.C.)

Research Fellows

John Anastasopoulos, B.SC. (PATRAS), M.SC. (PATRAS), PH.D. (PATRAS) (*Science Foundation Ireland*)

Maria Daniela Angione, B.SC. (BARI), M.SC. (BARI), PH.D. (BARI) (*Science Foundation Ireland*)

James Annett, B.A., PH.D. (*Enterprise Ireland*)

Dipu Borah, M.TECH. (TEZPUR), PH.D. (DIB.) (*Amber*)

Elisabetta Bossi, M.SC. (MILAN), PH.D. (POLYTECH.MILAN) (*Science Foundation Ireland*)

Srinivasa Reddy Chaganti, PH.D. (KHARAGPUR) (*Science Foundation Ireland*)

Romian Charifou, M.SC. (LYONS I), PH.D. (LYONS I) (*Science Foundation Ireland*)

Ankita Das, B.SC. (DELHI), M.SC. (DELHI), PH.D. (I.I.T. BOMBAY) (*Science Foundation Ireland*)

Priya Dasan, B.SC. (CALICUT), M.SC. (COCHIN), PH.D. (CALICUT) (*Science Foundation Ireland*)

Zsolt Gercsi, M.SC. (E.L. BUD.), PH.D. (E.N.S. CACHAN) (*Marie Curie Fellowship*)

Bertrand Gery, B.SC. (GRENOBLE I), M.SC. (GRENOBLE I), PH.D. (GRENOBLE I) (*E.U.*)

Dileep Krishnan, B.SC. (CALICUT), M.S. (J.N.C.A.S.R. BANGALORE), PH.D. (J.N.C.A.S.R. BANGALORE) (*Science Foundation Ireland*)

Durga Kunula, B.SC. (A.NAGAR.), M.SC. (BAN.), PH.D. (J.N.C.A.S.R. BANGALORE) (*European Research Council*)

Stephanie Longet, B.SC. (U.N.I.L. LAUSANNE), M.SC. (U.N.I.L. LAUSANNE), PH.D. (U.N.I.L. LAUSANNE) (*Science Foundation Ireland*)

Alessandro Lunghi, B.SC. (FLORENCE), M.SC. (FLORENCE), PH.D. (FLORENCE) (*Western Digital Foundation*)

Ramesh Neppalli, M.SC. (N.C.L. PUNE), PH.D. (PADOVA) (*Science Foundation Ireland*)

Ramesh Babu Padamati, B.SC. (NAGAR.), M.SC. (S.KRISHNA.), PH.D. (BOM.) (*Science Foundation Ireland*)

Sang-Hoon Park, B.SC. (YONSEI), PH.D. (YONSEI) (*Science Foundation Ireland*)

Mathieu Riffault, M.SC. (LORRAINE), PH.D. (LORRAINE) (*Science Foundation Ireland*)

Ruiyuan Tian, B.SC. (JILIN), PH.D. (CHINESE ACAD. SC.) (*Science Foundation Ireland*)

Sebastien Vaesen, M.SC. (MONS), PH.D. (MONS) (*Science Foundation Ireland*)

John Zhang, B.CH.E. (NORTHWEST UNIV. FOR NATIONALITIES CHINA), PH.D. (E.C.U.S.T. CHINA, DREXEL UNIV.) (*E.C.*)

Visiting Research Fellows

[Gavin D'Arcy](#), B.SC. (LIMERICK), PH.D. (LIMERICK)
[Ryan Enright](#), B.ENG. (LIMERICK), PH.D. (LIMERICK)
[Ronan Frizell](#), PH.D. (LIMERICK)
 Paul King, B.A., PH.D.
[Brian Kelly](#), B.SC. (D.C.U.), PH.D.
 Mustafa Lotya, B.A., PH.D.
 Ian Mathews, B.ENG. (N.U.I.), M.SC. (LOUGH.), PH.D. (N.U.I.)
 Laura Morales-Gamez, PH.D. (U.P.C. BARCELONA)
 Ashok Kumar Nanjundan, PH.D. (PUKYONG N.U.)
[Kevin Nolan](#), B.ENG. (LIMERICK), PH.D. (LIMERICK)
[Rudi O'Reilly-Meehan](#), B.ENG.
[Atul Thorat](#), M.SC. (PUNE), PH.D. (N.U.I.)
[Leping Yan](#), PH.D. (MINHO)

THE TRINITY LONG ROOM HUB

The Trinity Long Room Hub (TLRH) is the research institute for the arts and humanities at Trinity College Dublin. Founded in 2006, the TLRH is comprised of a community of researchers drawn from the university's nine arts and humanities schools as well as the Trinity College Library. It is dedicated to supporting research excellence and advancing interdisciplinary research in the arts and humanities. It is also committed to promoting the importance of this research for society and raising the profile of Trinity's arts and humanities internationally. It organises the work of the institute around a number of key research themes and supports the delivery of research on major questions facing society through a variety of means such as international visiting research fellowships, competitive research funding, hosting over 200 research related events and activities a year, and supporting forty-four of its partnering schools research students and postdoctoral fellows each year.

See <http://www.tcd.ie/trinitylongroomhub/>.

Director

[Jane Helen Ohlmeyer](#), M.A. (ST AND., ILL., DUBL.), PH.D., F.R.HIST.S., M.R.I.A., F.T.C.D. (2005)

Institute Manager

[Caitriona Curtis](#), B.A. (N.U.I.), PH.D. (N.U.I.), H.DIP.ED. (N.U.I.)

Research Programme Officer

[Maureen Burgess](#), B.A. (N.U.I.), P.G.DIP. INTERNATIONAL BUSINESS DEVELOPMENT (D.I.T.)

Communications Officer

[Aoife King](#), B.SOC.SC. (N.U.I.), M.SC. (EDIN.), PH.D. (D.I.T.)

Project Officer, Parthenos Project

[Deirdre Byrne](#), B.SC. (N.U.I.), M.SC., DIP. PROJECT MANAGEMENT (D.B.S.)

TRINITY BIOMEDICAL SCIENCES INSTITUTE (TBSI)

The Trinity Biomedical Sciences Institute (TBSI) is an innovative and interdisciplinary initiative whose work leads to scientific discoveries of biomedical importance, ultimately giving rise to improvements in human health and patient care. The mechanistic basis for a range of diseases is under investigation, including infectious and inflammatory diseases such as arthritis, asthma/allergy and type 2 diabetes, neurological diseases such as motor neurone disease and multiple sclerosis, and different forms of cancer. Bioengineering research is also carried out and includes corneal tissue regeneration, bone joint repair, replacement heart valves and neural engineering.

TBSI is the largest Trinity research institute, where over seventy principal investigators and their teams carry out research, including one hundred and twelve postdoctoral researchers and two hundred and thirty postgraduate researchers, drawn from five Schools and two Faculties – Biochemistry and Immunology, Chemistry, Engineering, Medicine, and Pharmacy and

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Pharmaceutical Sciences. Three centres have been established in TBSI – the Centre for the Study of Immunology (CSI), Centre for Cancer Drug Discovery (C2D2) and Centre of Medical Device Technologies (CMDT). Research programmes are carried out in a state-of-the-art facility designed to maximise interaction and facilitate co-operation. The institute has established a wide range of core technologies of the highest standard, including nuclear magnetic resonance spectrometry (NMR), biological transmission electron microscopy (TEM), x-ray crystallography, mass spectrometry, flow cytometry, confocal microscopy, and transgenics. A category 3 facility is available for research into hazardous biological agents such as HIV and hepatitis C.

TBSI also houses significant biomedical teaching facilities, including lecture theatres, seminar rooms and teaching laboratories. Over eleven hundred undergraduates per year attend classes in TBSI, including senior sophister students of biochemistry and immunology and preclinical students of medicine. Over ninety students undertake M.Sc. courses including bioengineering and immunology.

TBSI aims to foster a spirit of interaction, exploration and collaboration on the frontiers of biomedical research, such that truly ground-breaking discoveries can be made. TBSI researchers collaborate extensively with researchers in other institutions throughout the world. The institute also supports spin out companies and is working with several pharmaceutical and medical device companies.

TBSI enables researchers to continue to perform at the highest level, copper-fastening Trinity's place as a leading international scientific university.

See <http://www.tcd.ie/biosciences/>.

Academic Director

Orla Hardiman, B.Sc. (N.U.I.), M.B. (N.U.I.), M.A., M.D. (N.U.I.), F.R.C.P.I., M.R.I.A., F.T.C.D. (2015)

Executive and Technical Director

Anthony Byrne, B.E. (N.U.I.), M.ENG.SC. (N.U.I.)

TRINITY COLLEGE INSTITUTE OF NEUROSCIENCE (TCIN)

TCIN is Ireland's first purpose-built research institute set up to advance the frontiers of neuroscience. The disciplines of biochemistry, computer science, electronic engineering, genetics, gerontology, microbiology, neurology, pharmacology, physics, physiology, psychiatry, psychology and zoology converge to understand the most complex entity in the known universe – the human brain. It is here that discoveries will be made and technologies and therapies developed which will change our lives in the coming decades. The philosophy of the institute is that a meaningful research programme in the neurosciences crosses traditionally distinct academic boundaries focusing on and anticipating the needs at the cutting edge of neuroscience.

The research areas at TCIN are drawn from molecular, cognitive, behavioural and clinical neurosciences. The strategic research themes include ageing, neurodegenerative and neuropsychiatric diseases with strengths and expertise in neurogenetics, neuroplasticity, synaptic plasticity, neuropharmacology, neurophysiology and neurochemistry. TCIN houses novel technologies including functional magnetic resonance imaging (fMRI), animal MR brain imaging and functional neurogenomics.

The TCIN physical infrastructure is the focal point for research that extends across subject, faculty and disciplines and provides the framework and facilities to complement the existing expertise of researchers in their quest to explore the complexity of brain chemistry, networks and how they function.

There are currently seventeen principal investigators based at TCIN with their teams, comprising a total of forty-six postdoctoral researchers and eighty-three postgraduate researchers.

See <http://www.tcd.ie/neuroscience/>.

Deputy Director

Ruth Mary Josephine Byrne, B.A. (N.U.I.), M.A., PH.D., F.P.S.S.I., M.R.I.A., F.T.C.D. (1995)

Operations Manager

[Ciaran Conneely](#), B.SC. (APP. SC.), M.ENG.SC. (N.U.I.), M.SC. (N.U.I.), C.PHYS.

Finance and Business Planning Manager

[Barbara Hewitt](#), I.A.T.I., C.P.A.

MRI Core Staff

[Sojo Joseph](#), B.SC. (S.RAMACHANDRA MED.)

[Christian Matthias Kerskens](#), DIPL. PHYS. (KÖLN), DR. RER. NAT. (KÖLN)

Visiting Academic

[Hari Kasaba Srinivasaiah](#), M.B. (B'LORE.), M.D. (KARN.), DIP. HEALTH ECON. (N.U.I.), F.C.A.R.C.S.I.

Research Fellows

[Mircea Balasa](#), M.D. (LLEIDA), PH.D. (BARCELONA)

[Charlotte Callaghan](#), B.SC. (N.U.I.), M.SC., PH.D. (*Science Foundation Ireland*)

[Christopher Dillingham](#), B.SC. (CARDIFF), PH.D. (CARDIFF) (*Science Foundation Ireland*)

[Orla Finucane](#), B.SC. (N.U.I.), PH.D. (*Science Foundation Ireland*)

[Omar Mamad](#), PH.D. (BORDEAUX) (*Wellcome Trust*)

[Pawel Matulewicz](#), M.SC. (GDANSK), PH.D. (GDANSK) (*Wellcome Trust*)

[Claire McDonald](#), B.A., PH.D. (M.U. INNSBRUCK) (*Science Foundation Ireland*)

[David McGovern](#), PH.D. (NOTT.) (*Irish Research Council*)

[Anne Marie Miller](#), B.A., PH.D., P.G.DIP. STATS (*Health Research Board*)

[Geeske Peters](#), B.A. (HOGESCHOOL LIMBURG), M.SC. (V.U. AMST.), PH.D. (V.U. AMST.)

[Adria Rofes](#), B.A. (U.A. BARCELONA), M.SC. (GRON./POTSDAM), PH.D. (TRENTO)

[Jennifer Rouine](#), B.A., M.SC., PH.D. (*Science Foundation Ireland*)

[Karen Ryan](#), B.A., PH.D. (*Health Research Board*)

[Katharina Ulrich](#), B.SC. (LUND), M.SC. (MÜN.), PH.D. (OTAGO) (*Wellcome Trust*)

[Nigel Vahey](#), B.A. (N.U.I.), PH.D. (N.U.I.) (*Health Research Board*)

Visiting Research Fellow

[Joanna Edel McHugh](#), B.A. (N.U.I.), PH.D.

Trinity Led Research Consortia & Inter-institutional Research Groupings

ADAPT CENTRE FOR DIGITAL CONTENT TECHNOLOGY

The ADAPT Centre for Digital Content Technology is a Science Foundation Ireland funded research centre that aims to lead on the development of digital content technologies that will revolutionise the way people interact with content, systems and each other to achieve unprecedented levels of access, efficiency and empowerment. ADAPT has significant commercial knowledge and actively collaborates with industry to create breakthroughs in the global content industry.

ADAPT's research areas include localisation, social media analysis, multimodal interaction, intelligent content and media, and informal and formal learning. In 2015 the centre, which was formerly known as CNGL (Centre for Global Intelligent Content), was re-branded as ADAPT to highlight the extension of its research expertise which covers all aspects of the digital content life-cycle.

ADAPT is led out of Trinity College Dublin and combines the world-class expertise of researchers at Dublin City University (DCU), University College Dublin (UCD) and Dublin Institute of Technology (DIT).

Director

[Vincent Patrick Wade](#), B.SC. (N.U.I.), M.A., M.SC., PH.D., F.T.C.D. (2002)

Associate Director of Commercialisation

[Liam Cronin](#), B.SC. (LIMERICK, DUBL.), M.A. (D.I.T.), GRAD.DIP. COMPUTER SCIENCE (LIMERICK), P.G.DIP. PRODUCT MANAGEMENT (D.I.T.)

Design and Innovation Manager

[Declan McKibben](#), B.A., M.B.A. (N.U.I.)

Research Institutes and Centres

Marketing and Communications Manager

[Olivia Waters](#), B.A., B.SC., M.SC. (D.I.T.), P.G.DIP. P.R. (P.R.I.I.)

Research Programme Manager

[Hilary McDonald](#), B.A., M.SC. (N.U.I.)

E.U. Research Manager

[Maire Brophy](#), B.A. (N.U.I.), M.A. (N.U.I.), PH.D. (N.U.I.)

Financial Controller

[Robbie Gallagher](#), ADV. DIP. (A.C.C.A.), A.C.C.A., I.A.T.I.

Systems Administrator

[Graziano D'Innocenzo](#), M.A. (LOUVAIN)

Junior Project Manager

[Aoife Brady](#), B.A., B.A.I.

Visiting Research Fellow

[Lamia Tounsi](#), PH.D. (TOURS)

Administrative Officer

[Sinead Gorham](#), B.A. (H.E.T.A.C.), M.SC. (D.I.T.)

ADVANCED MATERIALS AND BIOENGINEERING RESEARCH (AMBER)

AMBER is an SFI funded centre that provides a partnership between leading researchers in material science and industry. It is jointly hosted in Trinity College Dublin (TCD) by CRANN and the Trinity Centre for Bioengineering (TCBE), working in collaboration with University College Cork and the Royal College of Surgeons in Ireland (RCSI). The centre delivers internationally leading materials research that is industrially and clinically informed. Outputs include new discoveries and devices in ICT, medical device and industrial technology. AMBER has a strong emphasis on linking industry to research programmes. The aim of the centre is to develop products that directly impact everyone's quality of life such as the development of the next generation computer chips and new medical implants and pharmaceuticals that will improve patient care.

AMBER brings together Ireland's leading material science researchers working across the disciplines of Physics, Chemistry, Bioengineering and Medicine; with an international network of collaborators and companies.

Director

[Michael Morris](#), B.SC. (LIV.), PH.D. (LIV.)

Deputy Director

[Fergal Joseph O'Brien](#), B.A., B.A.I., PH.D., MIEI

Executive Director

[Lorraine Byrne](#), B.SC. (D.C.U.), PH.D. (D.C.U.), P.G.CERT. NANOTECHNOLOGY (OXON.), M.R.S.C., M.A.C.S.

General Manager for Operations

[Colm McAtamney](#), B.SC. (N.U.I.), M.SC. (D.C.U.), DIP. APPLIED PROJECT MGMT (N.U.I.)

Senior Business Development Manager

[Brendan Ring](#), B.ENG. (D.C.U.)

Commercialisation Development Manager

[James Doyle](#), B.A., PH.D.

Communications, Outreach and Public Affairs Manager

[Mary Colclough](#), B.SC. (HUM. NUT.), M.A. (OPEN), P.G.DIP. I.T. (D.C.U.)

Finance Manager

[Simon Ridgway](#), B.A. (LIV.J.MOORES), C.I.M.A.

INSTITUTE OF MOLECULAR MEDICINE

The Institute of Molecular Medicine (IMM) is a state-of-the-art facility housed in a 4,500 sq. metre building within the Trinity Centre for Health Sciences at St James's Hospital. IMM is primarily designed as a molecular research facility. To date, IMM has been successful in bringing

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key research groups into a single location promoting interdisciplinary and complementary synergies.

IMM is a facility dedicated to research into the molecular basis of human disease with significant core technology platforms in: high content screening analysis and association with the SiRNA Library, cell signalling, flow cytometry facility, high throughput genomics, transcriptomics and houses the Irish Gene Bank. IMM's key research themes are: cancer, infection and immunology and neurosciences.

IMM's location on a hospital site permits close interaction between basic science and clinical sciences promoting the bench to bedside approach in molecular medicine. IMM has strategically targeted the aggregation of research teams within the institute, and as a result, an excellent pool of academic researchers, clinician scientists, technologists and teaching resources has been assembled and aligned around a molecular level approach to medicine.

This multi-disciplinary research institute also serves as the focus for a range of postgraduate programmes, including the M.Sc. in molecular medicine and the four year Ph.D. programme in molecular medicine. The institute builds on the strong support of the TCD teaching hospitals at St James's Hospital and Tallaght Hospital to provide for integrated education and research at both undergraduate and postgraduate levels.

Interim Director

[Padraic Fallon](#), B.SC. (E. LOND.), M.A., M.SC. (WALES), PH.D. (WALES), M.R.I.A., F.T.C.D. (2009)

INSTITUTE OF POPULATION HEALTH

The Institute of Population Health (IPH) was opened in August 2016, based at the Russell Centre, Tallaght Cross in Dublin 24. It is a joint initiative of the Schools of Medicine and Nursing and Midwifery. Among the priority actions will be to provide an academic backdrop to the primary care centre and general practitioners who share the premises with the IPH. Focus will be on prevention and chronic disease prevention and management. A range of new postgraduate courses will be run from the IPH. Public health advocacy will also be a priority, together with major interaction with the community in Tallaght.

Director

[Joseph Barry](#), M.B. (N.U.I.), M.SC. (LOND.), M.A., M.D., F.R.C.P.I., F.F.P.H.M.I., F.F.P.H.M.(U.K.), M.F.C.M.I., M.R.C.P.(U.K.), F.T.C.D. (2012)

Chair of the Steering Group

[Mary McCarron](#), R.M.H.N., R.G.N., R.N.T., B.N.S. (D.C.U.), M.A., PH.D., F.T.C.D. (2011)

LEARNOVATE CENTRE

The Learnovate Centre is an Enterprise Ireland / IDA Ireland, Trinity hosted Technology Centre of excellence for innovation in learning technologies. Research areas include; Social and Informal Learning, Mobile and Collaborative Learning, Immersive Learning, Metrics and Assessment

Director

[Martyn Farrows](#), B.A. (PLYM.), M.A. (LIMERICK), PH.D. (LIMERICK) (*Enterprise Ireland*)

Professor of Computer Science (1990)

[Vincent Patrick Wade](#), B.SC. (N.U.I.), M.A., M.SC., PH.D., F.T.C.D. (2002)

Project Manager

[Deirdre Green](#), B.A., M.SC.

Commercial Development Manager

[Tom Pollock](#), M.B.A. (LIMERICK)

Research Fellows

[Amelia Kelly](#), B.SC. (N.U.I.), M.PHIL., PH.D. (*Enterprise Ireland*)

[Kathy Kipp](#), B.A. (KANSAS), M.ED. (NATIONAL LOUIS UNIV.), PH.D.

[Kerri McCrory](#), B.SC. (ULSTER), M.SC. (ULSTER), PH.D. (ULSTER)

[Ian O'Keefe](#), B.A., B.A.I., PH.D. (*Enterprise Ireland*)

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Neil Peirce, B.A., M.SC., PH.D. (*Enterprise Ireland/Industrial Development Agency*)

Patricia Scanlon, B.ENG., PH.D. (N.U.I.) (*Enterprise Ireland*)

Eddie Walsh, B.SC. (LIMERICK), M.SC. (LIMERICK), PH.D. (*Science Foundation Ireland/Enterprise Ireland*)

CONNECT

CONNECT, formerly known as CTVR, is Ireland's Future Network and Communications research centre. Funded by Science Foundation Ireland, it is headquartered in Trinity College Dublin and brings together nine other academic institutions (Maynooth University, University of Limerick, Dublin Institute of Technology, University College Cork, Dublin City University, University College Dublin, Tyndall National Institute, Cork Institute of Technology and Waterford Institute of Technology with TSSG (Telecommunication software and systems group). CONNECT is also partnered with thirty-five companies ranging from large ICT multi-nationals to smaller and emerging indigenous companies.

CONNECT's mission is to research, develop and innovate new communication solutions to address many of the challenges facing society. At the core of the CONNECT research vision is the idea that the network will be performed into existence in response to service needs. CONNECT focuses on service-aware networks, network-aware services, responsive things and integration.

Director

Linda Elizabeth Doyle, B.E. (N.U.I.), M.SC., PH.D., P.G.DIP. STATS, F.T.C.D. (2011)

Executive Directors

Penelope Regene Storey, B.A., B.SC. (BUS. AND INF. TECH.), M.A., M.PHIL.

Frank Smyth, B.ENG. (D.C.U.), M.ENG. (D.C.U.), PH.D. (D.C.U.)

Adjunct Professor of Telecommunications

William Webb, B.ENG. (STON), M.B.A. (STON), PH.D. (STON)

Adjunct Assistant Professors

Jim Connolly, B.A. (OPEN)

Simon Saunders, B.SC. (BRUN.), PH.D. (BRUN.)

Senior Research Fellow (Part-time)

Alan Hill, B.SC. (LOND.), PH.D. (LOND.)

Research Fellows

Aleksandra Kaszubowska Anandarajah, B.ENG. (POZNAN), PH.D. (D.C.U.) (*Science Foundation Ireland*)

Muhammad Majid Butt, B.SC. (LAHORE U.E.T.), M.SC. (KIEL), PH.D. (N.T.N.U. TRONDHEIM) (*E.U./Science Foundation Ireland*)

Carlo Galiotto, B.SC. (PADOVA), M.SC. (PADOVA), PH.D. (*Science Foundation Ireland*)

Ismael Gomez, M.SC. (POLYTECHNIC UNIV. CATALONIA), PH.D. (POLYTECHNIC UNIV. CATALONIA) (*Science Foundation Ireland*)

Andrea Hess, DIPL. ING. (T.U. VIENNA), PH.D. (VIENNA) (*Science Foundation Ireland*)

Nicholas Kaminski, B.SC. (VIRGINIA TECH.), M.SC. (VIRGINIA TECH.), PH.D. (VIRGINIA TECH.) (*E.U.*)

Irene Macaluso, M.SC. (PALERMO), PH.D. (PALERMO) (*Science Foundation Ireland*)

Andrei Marinescu, M.SC. (AALBORG), PH.D. (*Science Foundation Ireland*)

Johann Marquez Barja, B.SC. (ST. F.X.), PH.D. (P.U. VALENCIA) (*Science Foundation Ireland/E.U.*)

Avishek Nag, B.E.TELE. (JAD.), M.TECH. (I.I.T. KHARAGPUR), PH.D. (CALIF.) (*E.U.*)

Andre Puschmann, DIPL. INF. (T.U. ILMENAU), DR. ING. (T.U. ILMENAU)

George Ropokis, M.SC. (SUR.), PH.D. (PATRAS) (*Science Foundation Ireland*)

Stephen Roddy, B.SC. (LIMERICK), M.A. (LIMERICK), PH.D.

Pratap Kumar Sahu, B.SC. (UTKAL), PH.D. (NATNL. CENTRAL (TAIWAN)) (*Science Foundation Ireland*)

Ahmed Mohamed Selim, B.SC. (CAIRO), PH.D. (*Science Foundation Ireland*)

Paul David Sutton, B.A., B.A.I., PH.D. (*Science Foundation Ireland*)

Justin Tallon, B.A., B.A.I., PH.D. (*Science Foundation Ireland*)

Yi Zhang, B.ENG. (TSINGHUA UNIV. BEIJING), PH.D. (TSINGHUA UNIV. BEIJING) (*E.U.*)

Visiting Research Fellow

Jorg Lotze, DIPL.ING. (T.U. ILMENAU), PH.D. (*Science Foundation Ireland*)

Director of Industry Engagement

[Mark Cooney](#), B.E. (N.U.I.)

Director of Innovation

[Timothy Kirby Forde](#), B.A., B.A.I., PH.D.

Communications, Education and Outreach Manager

[Andrew Matthew O'Connell](#), B.SC. (N.U.I.), PH.D. (N.U.I.)

Funding Diversification Manager

[Raquel Harper](#), B.ENG., M.S.C. (T.U., LISBON), PH.D.

Finance and HR Manager

[Shirley Walsh](#), M.I.A.T.I.

Programme Officer

[Monica Lechea](#), B.A.

Centre Administrator

[Catherine Keogh](#), B.SC. (N.U.I.), M.SC.

TRINITY IMMIGRATION INITIATIVE

The Trinity Immigration Initiative (TII) brought together key strands of Trinity College Dublin's research in order to support the development of a more inclusive, multicultural Ireland. A key initiative in the TII was a major *Research Programme on Diversity, Integration and Policy*. This programme was designed to stimulate a quantum leap in research activity in relation to immigration, helping to generate evidence relevant to local and national policy and contributing to international debates and the development of international practice.

TRINITY INTERNATIONAL DEVELOPMENT INITIATIVE (TIDI)

The Trinity International Development Initiative (TIDI) was established, by researchers at Trinity College Dublin (TCD), in 2007, to maximise the university's contribution to understanding and addressing the major global development challenges of our time through research, teaching and outreach activities.

TIDI's vision is that TCD will be internationally renowned for excellence in development research and education and for the provision of practical solutions to real-world challenges. A vibrant outreach programme will raise awareness among the wider community of development issues and of TCD's role in addressing these.

Chair

[Carol Newman](#), B.A., PH.D., F.T.C.D. (2013)

Trinity Research Centres

TRINITY CENTRE FOR BIBLICAL STUDIES

The Trinity Centre for Biblical Studies continues Trinity's interest and investment in biblical studies over the past four centuries by providing a focus for a range of research activities and projects in this discipline. In keeping with the growing breadth of biblical studies as a discipline and the range of expertise and interests at Trinity, the centre promotes research in a variety of areas, including the study of the Bible in its ancient contexts, its interpretation in late Antiquity and the Medieval period, and its reception in the visual and performing arts. The centre facilitates and disseminates research in these areas by drawing upon the expertise of its staff and associates within and beyond Trinity, as well as the rich resources of Trinity College's library and the Chester Beatty library.

Director

[David Shepherd](#), B.A. (SASK.), PH.D. (EDIN.)

Research Institutes and Centres

TRINITY CENTRE FOR COMPUTING AND LANGUAGE STUDIES

The centre was founded in 1996 as a pastoral and administrative home for the interdisciplinary moderatorship (B.A.) course in computer science, linguistics and a language, and as a focus for research collaboration in related areas within College, nationally and internationally. The centre contributes to the organisation of the Dublin Computational Linguistics Research Seminar, which is the product of collaboration among Dublin City University, Dublin Institute of Technology, University College Dublin and Trinity College Dublin.

Director

[Carl Vogel](#), B.SC. (LOYOLA), M.A., M.SC. (S. FRASER), PH.D. (EDIN.), F.T.C.D. (2002)

TRINITY CENTRE FOR CONTEMPORARY IRISH HISTORY

The centre promotes research in recent Irish history. Its graduate students and postdoctoral fellows and associates manage their discrete projects within a framework which facilitates dialogue and interaction with researchers in their own and in related disciplines inside and outside College, as well as the sharing of research tools and experience.

Academic Director

[Eunan James O'Halpin](#), B.A. (N.U.I.), M.A. (DUBL., N.U.I.), PH.D. (CANTAB.), M.R.I.A., F.T.C.D. (2003)

Deputy Director

[Anne Dolan](#), B.A. (N.U.I.), M.A. (N.U.I.), PH.D. (CANTAB.)

Visiting Research Fellows

[Catriona Crowe](#), B.A. (N.U.I.)

[John Horgan](#), B.A. (N.U.I.), PH.D. (N.U.I.)

[Michael Kennedy](#), B.A. (N.U.I.), PH.D. (N.U.I.)

[Seán McConville](#), B.SC. (BATH), PH.D. (CANTAB.), LL.D. (CANTAB.)

[Deirdre McMahon](#), B.A. (N.U.I.), M.A. (N.U.I.), PH.D. (CANTAB.)

[Mary Muldowney](#), B.A., PH.D.

[Steven O'Connor](#), B.A. (N.U.I.), M.A. (N.U.I.), PH.D. (N.U.I.)

[Kate O'Malley](#), B.A., PH.D.

[John Terence O'Neill](#), M.PHIL. (PEACE STUDIES), PH.D.

[Peter Rigney](#), B.A., PH.D.

TRINITY CENTRE FOR CREATIVE TECHNOLOGIES

The future of the creative arts lies in a robust engagement of the artist, engineer and scientist. The Trinity Centre for Creative Technologies is harnessing the university's critical mass in the technologies and science that underpin the creative and entertainment industries, and in partnership with these industries, pioneering new research and graduate programmes relating to creative technologies and new media.

Director

[vacant]

TRINITY CHILDREN'S RESEARCH CENTRE

The centre was established in 1995 as a joint initiative of what are now the Schools of Psychology and Social Work and Social Policy. The mission of the centre is to conduct policy and practice-relevant research with children, the family, the community and other contexts in which children and young people live their lives. Reflecting the multi-disciplinary nature of the centre, staff and postgraduate students are drawn from a range of professional backgrounds, including psychology, social work, education, anthropology, sociology and social policy. The centre has undertaken work in partnership with, or on behalf of, a range of statutory and voluntary organisations.

AIB Professor of Childhood Research (2004) and Director of the Centre

[Trevor Spratt](#), B.SC. (ULSTER), M.A., M.SC. (OXON.), PH.D. (BELF.), DIP. SUPERVISORY MGMT (I.S.M.)

Associate Director

[Robert Henry Gilligan](#), B.S.S., M.A., C.Q.S.W., F.T.C.D. (2004)

Senior Research Fellow

[Michelle Share](#), B.A. (C.STURT), M.A. (DEAKIN), M.ED., PH.D. (ULSTER)

Adjunct Professor

[James Williams](#), B.A. (N.U.I.), M.A. (N.U.I.), M.ECON.SC. (N.U.I.), DIP. APPLIED STATS (N.U.I.)

TRINITY RESEARCH CENTRE FOR CULTURES, ACADEMIC VALUES AND EDUCATION (CAVE)

CAVE focuses its research, teaching and outreach activity on the study of higher education both in Ireland and internationally. The centre brings together staff with expertise in the areas of educational theory, sociology, history and policy. It undertakes both funded and non-funded research that inquires into educational initiatives and processes in the field of higher education, using a broad range of methodological approaches.

Director

[Aidan Seery](#), B.SC. (N.U.I.), B.PHIL. (HOCHSCHULE FÜR PHILOSOPHIE (MÜNCHEN), M.A., PH.D.

Visiting Research Fellow

[Aida Idris](#), B.SC. (ABERD.), M.B.A. (OHIO), PH.D. (U.M. MALAYSIA)

TRINITY CENTRE FOR EARLY MODERN HISTORY

The centre promotes understanding of the culture, society, economy, religion, politics and warfare of early modern Europe. The centre organises seminars, conferences and public lectures on the early modern history of Ireland, Britain and Continental Europe, as well as on relations between European and non-European states and cultures. Postdoctoral and postgraduate researchers undertake projects within a framework which promotes dialogue and exchange around shared interests in the early modern period. The centre also hosts externally-funded research projects, and contributes to the taught M.Phil. in Early Modern History offered by the Department of History.

Director

[Joseph Michael Clarke](#), B.A. (N.U.I.), M.A. (DUBL., N.U.I.), PH.D. (EUROPEAN UNIV. INST. (FLORENCE))

TRINITY CENTRE FOR THE ENVIRONMENT

Founded in 1979, the Trinity Centre for the Environment (TCE) acts as a focus for interdisciplinary research in environmental sciences. It also provides a diverse range of laboratory and field support to a large community of academics and researchers. The TCE acts as a focus for visiting academics and researchers, by providing them with space, and where required, basic research support. The centre is managed by the director, who also chairs the management committee comprising the resident members, as well as representatives of the student body and School. It is located in the former anatomy building in the heart of College.

Director

[Nicholas Frederick Gray](#), B.SC. (C.N.A.A.), M.A., M.SC. (SALF.), PH.D. (C.N.A.A.), SC.D., D.W.M., C.BIOL., F.R.S.B., F.L.S., S.F.T.C.D. (1985)

Senior Technical Officer

[Mark Kavanagh](#), B.SC. (N.U.I.)

Resident Members

[Norman Andrew Allott](#), B.A., M.S. (MINN.), PH.D.

[Ainhoa Gonzáles Del Campo](#), B.SC., PH.D.

[Catherine Elizabeth Coxon](#), B.A., PH.D.

[Nicholas Frederick Gray](#), B.SC. (C.N.A.A.), M.A., M.SC. (SALF.), PH.D. (C.N.A.A.), SC.D., D.W.M., C.BIOL., F.R.S.B., F.L.S., S.F.T.C.D. (1985)

[Mark Kavanagh](#), B.SC. (N.U.I.)

[Stephen Waldren](#), B.SC. (WALES), PH.D. (WALES)

Research Institutes and Centres

TRINITY CENTRE FOR GENDER AND WOMEN'S STUDIES

The centre's graduate programmes (M.Phil./Diploma, M.Litt. and Ph.D.) address current scholarship on women, gender and sexualities. The centre's dedicated research unit has undertaken nationally and internationally funded projects on such diverse topics as the gender history, work-life balance, gender and ageing, barriers and facilitators toward the promotion of women, the role of men in the promotion of gender equality, prostitution and women and ambition. The centre fosters links with the community through its public seminars and lectures.

Director

[Catherine Lawless](#), B.A., PH.D.

Visiting Research Fellows

[Mary Condren](#), B.A. (HULL), M.A. (BOSTON COLLEGE), TH.D. (HARV.)

[Derval Conroy](#), B.A., D.E.A. (PARIS III), PH.D.

[Mary Cullen](#), B.A. (N.U.I.), M.A. (N.U.I.)

[Aleksandra Maria Derra](#), M.A. (U.M.K. TORUŃ), PH.D. (U.M.K. TORUŃ)

[Mary Healy](#), B.A. (H.E.T.A.C.), M.A. (LIMERICK), PH.D. (LIMERICK)

[Gillian Kenny](#), B.A. (N.U.I.), M.A. (N.U.I.), PH.D.

[Anne-Marie McGauran](#), B.A. (N.U.I.), M.A. (N.U.I.), PH.D.

CENTRE FOR GLOBAL HEALTH

The centre was established in 2004 with a focus on *Strengthening health systems*. Its aim is to strengthen health systems through a multi-disciplinary and multi-country approach to critical analysis, research-in-action and capacity building. The centre draws on expertise from sociology, psychology, health policy and management, health informatics and public health. Teaching activities centre on the M.Sc. in Global Health programme established in 2005 and the International Doctoral School in Global Health (Indigo) established in 2009. Indigo is co-ordinated by the centre and participating partners include universities in the U.S. and in four African countries.

Academic Director

[Malcolm MacLachlan](#), B.SC. (WALES), M.A., M.SC. (LOND.), PH.D. (DUND.), DIP. B.A. (STRATH.), F.P.S.S.I., M.R.I.A., F.T.C.D. (1999)

Associate Directors

[Michael Joseph Clarke](#), B.A. (OXON.), D.PHIL. (OXON.)

[Eilish McAuliffe](#), B.SC. (N.U.I.), M.SC. (LOND.), M.B.A. (STRATH.), PH.D., C.PSYCHOL.

Assistant Professor in Global Health and Director of the M.Sc. in Global Health

[Fiona Larkan](#), B.A. (N.U.I.), M.A., PH.D. (N.U.I.)

Assistant Professor/Co-ordinator of the International Doctorate in Global Health (Indigo)

[Frédérique Vallières](#), B.SC. (MCG.), M.SC., P.G.DIP. STATS

Adjunct Assistant Professors

[Muireann Brennan](#), M.SC. (JOHNS H.), M.D.

[Greg Martin](#), M.B. (WITW. JOHANNESBURG), M.SC. (LOND.), M.B.A. (S.AF.), DIP. STRATEGIC MANAGEMENT (LOND.)

[Michael O'Toole](#), B.SC. (N.U.I.), PH.D.

[Niall Roche](#), B.SC. (ENV. HEALTH), M.SC. (MANC.)

Visiting Academic

[Paul Revill](#), B.A. (SHEFF.), M.SC. (YORK (U.K.))

Research Fellow

[John Oyange Owuor](#), B.SC. (EGERTON), M.P.H. (SHEFF.HALLAM), PH.D. (HUDD.)

Centre Administrator

[Magdalena Szewczyk](#), B.A. (AHE), M.A. (AHE)

HAMILTON MATHEMATICS INSTITUTE

The Hamilton Mathematics Institute fosters mathematics by creating an environment in which researchers can meet, collaborate, discuss and explain the frontiers of fundamental mathematics

Research Institutes and Centres

and related disciplines to each other. It also facilitates interaction between leading researchers and talented young people, organises public lectures to communicate the challenge and excitement of fundamental research and engages in dialogue both with other disciplines and society at large.

Director

[Samson Shatashvili](#), KANDIDAT NAUK (LENINGRAD), DOKTOR NAUK (LENINGRAD STEKLOV MATHEMATICAL INSTITUTE), M.R.I.A., F.T.C.D. (2005), University Professor of Natural Philosophy (1847)

CENTRE FOR INNOVATIVE HUMAN SYSTEMS

The mission of the centre is to foster innovative design and organisational change to improve performance and reduce risk in critical systems – in a variety of domains, including transport, manufacturing, resources, health and other services. It is multi-disciplinary – spanning individual, group and organisational activity; technologies, information systems and knowledge; operational processes and business processes; system performance. The role of the centre is to foster an effective innovation cycle working with industry and other partners through research, education training, and consultancy.

Director

[Nicholas Jonathan McDonald](#), B.A., PH.D., F.T.C.D. (1995)

Centre Administrator

[Paula Hicks](#), M.SC., DIP. HISTORY OF ART (N.U.I.)

TRINITY CENTRE FOR IRISH-SCOTTISH AND COMPARATIVE STUDIES

The centre promotes scholarship and teaching in the fields of Irish and Scottish history, literature and culture. Through the Irish Scottish Academic Initiative the centre has links with Queen's University Belfast and with the universities of Aberdeen, Edinburgh and Strathclyde. It is now affiliated to the Trinity Long Room Hub and to College Research Strand 'Making Ireland'.

Director

[David Dickson](#), B.A., PH.D., M.R.I.A., S.F.T.C.D. (1990)

TRINITY CENTRE FOR LITERARY TRANSLATION

The centre was established in 2013 in order to develop, promote and support literary translation in Ireland. It is a three-way partnership bringing together the School of Languages, Literatures and Cultural Studies in Trinity College Dublin, Literature Ireland, formerly Ireland Literature Exchange (ILE), and Dalkey Archive Press. Historically this initiative was the result of Trinity College's commitment through the Creative Arts, Technologies and Culture Initiative to create a dynamic network of interconnectivity in education, research, creative practice and entrepreneurship at the heart of the city.

Director

[Sarah Smyth](#), M.A., PH.D.

TRINITY CENTRE FOR MEDIEVAL AND RENAISSANCE STUDIES

The centre promotes interdisciplinary collaboration between scholars working in the fields of Medieval and Renaissance studies both within and outside Trinity with a view to raising the profile of Medieval and Renaissance studies at a national and an international level. The centre organises conferences, seminars and public lectures on a regular basis, and has recently launched a school liaison programme. It has developed close ties with a number of other institutions, works closely with the Society for Renaissance Studies and Medium Aevum and is a member of CARMEN (the Confederation for the Advancement of Research through a Medieval European Network).

Director

[Sarah Elizabeth Alyn Stacey](#), B.A. (HULL), M.A., PH.D. (HULL), MEMBRE DE L'ACADÉMIE DE SAVOIE, F.T.C.D. (2004)

Research Institutes and Centres

Visiting Research Fellows

[Helen Conrad-O'Brian](#), B.A. (STEBENVILLE, OHIO), M.M.S. (NOTRE DAME), PH.D.

Barbara Crostini, B.A. (OXON.), D.PHIL. (OXON.)

Peter Field, B.A. (OXON.), B.LITT. (OXON.), M.A. (OXON.)

[Gavin Hughes](#), B.A. (WALES), PH.D. (WALES)

Savvas Neocleous, B.A. (CYPRUS), M.PHIL., PH.D.

[Eavan Mary O'Brien](#), M.A., PH.D.

Jane Roberts, B.A., M.A. (DUBL., OXON.), M.LITT., D.PHIL. (OXON.), LITT.D. (*h.c.*)

David Rundle, B.A. (OXON.), M.A. (OXON.), D.PHIL. (OXON.)

Pauline Smith, B.A. (LOND.), PH.D. (LOND.)

Anatole Tchikine, B.A., PH.D.

TRINITY CENTRE FOR MEDITERRANEAN AND NEAR EASTERN STUDIES (MNES)

The aim of the centre is to investigate how, at local, national and international level, peoples, ideas, and practices in these two highly important cultural zones have lived together in peaceful and hostile relationships; and how the multiple identities thus negotiated and given expression have led to either conflict or accommodation. Combining literary, historical, philosophical, archaeological and scientific methodologies, the core of the centre's research activities brings together scholars, both local and international, from classics and archaeology, biblical, New Testament and Jewish studies, philosophy and history. The Plato Centre is a constituent member of MNES.

Director

[Brian Charles McGing](#), B.A., M.A. (DUBL., TOR.), PH.D. (TOR.), M.R.I.A., S.F.T.C.D. (1989)

CENTRE FOR NONPROFIT MANAGEMENT

The centre develops and supports research, education and dialogue on nonprofit organisations, on the nonprofit sector as a realm of individual, organisational and social action and on social entrepreneurship. At programme level we are seeking to (a) contribute to the understanding of nonprofit organisations, their emergence, management, survival and impact on wider society; and (b) encourage, facilitate and undertake research on social entrepreneurship, to embed social entrepreneurial teaching in undergraduate and postgraduate teaching, and to initiate and sustain dialogue on social entrepreneurship in Ireland.

Academic Director

[Gemma Donnelly-Cox](#), B.A. (WAT.), M.A., M.PHIL. (OXON.), D.PHIL. (OXON.)

TRINITY CENTRE FOR POST-CONFLICT JUSTICE

The centre fosters interdisciplinary research that explores how societies come to terms with episodes of extreme violence in war, civil war, and periods of prolonged civil and political unrest. The centre brings together faculty and graduate students working in the fields of history, law, peace studies, sociology, theology and ethics. Its current projects address the themes of justice, transition, and memory and reconciliation and draw from field and archival work in the Balkans, Eastern and Central Europe, Central America, Africa, the Middle East, and Southeast Asia, as well as the experience of the peace process in Ireland, north and south.

Director

[Jude Lal Fernando](#), B.PH. (ROME), B.TH. (ROME), M.PHIL. (ECUM.), PH.D.

TRINITY CENTRE FOR PRACTICE AND HEALTHCARE INNOVATION

The aims of the Centre are to: (i) establish a Centre for Healthcare Innovation in partnership between Trinity College Dublin (TCD) and its allied health centres in order to encourage and support innovations in education, research, practice and implementation; and (ii) to develop an extensive national network of Practice Innovation Units that work together to share ideas and

Research Institutes and Centres

resources for mutual benefit and for the common good of research in practice development in nursing and healthcare.

Director

[Anne-Marie Brady](#), R.G.N., R.N.T., B.S.N. (NORTHEASTERN), M.A., M.S.N. (NORTHEASTERN), PH.D., P.G.DIP. C.H.S.E.

TRINITY CENTRE FOR PSYCHOLOGICAL HEALTH

The centre brings together a critical service-focused research capacity to develop, implement and evaluate psychological interventions to enhance health and well-being. The centre fosters research-led innovation to help services optimise client quality of life and advance the science of clinical practice. Through external collaborations and with innovative models of working with service users, the centre is uniquely positioned to meaningfully engage with society in addressing core issues related to enhancing well-being.

Director

[David Hevey](#), B.A. (N.U.I.), M.A. (N.U.I.), PH.D.

TRINITY CENTRE FOR RESEARCH IN I.T. IN EDUCATION (CRITE)

CRITE is a joint initiative between the School of Education and the School of Computer Science and Statistics. Its research area is technology enhanced learning with a focus on creating, and evaluating, innovative learning experiences and tools, inspired by educational principles and technical progress.

Academic Co-Directors

[Keith Johnston](#), B.TECH. (ED.) (LIMERICK), M.A. (DUBL., LIMERICK), PH.D. (LIMERICK)

[Denis Brendan Tangney](#), B.SC. (N.U.I.), M.SC., F.T.C.D. (2006)

Academic Staff

[Nina Bresnihan](#), B.A. (N.U.I.), M.A. (N.U.I.), M.SC.

[Richard Millwood](#), B.SC. (LOND.), PH.D. (BOLTON), F.B.C.S., F.R.S.A.

[Joseph Roche](#), B.A., PH.D.

[Timothy Savage](#), B.A. (E. ANGLIA), M.SC., PH.D., H.DIP.ED.

[Glenn David Strong](#), B.SC. (STIR.), M.A.

Research Fellows

[Aibhin Bray](#), B.A. (N.U.I.), M.SC. (N.U.I.), PH.D., H.DIP.ED. (*E.U.*)

[Jake Byrne](#), B.ENG. (D.C.U.), M.SC., PH.D. (*Google*)

[Megan Kuster](#), B.SC. (TOR.), M.A. (NEVADA), M.PHIL., PH.D. (*Google*)

[Katriona O'Sullivan](#), B.A., PH.D. (*Google*)

[Ronan Smith](#), B.A., PH.D. (*Google*)

TRINITY CENTRE FOR TRANSPORT RESEARCH AND INNOVATION FOR PEOPLE (TRIP)

The aim of TRIP is to initiate and develop interdisciplinary research in transport focusing on a set of theme areas; balancing transportation supply and demand/need, the use of information and communication technologies (ICT) in transportation, environmental impacts of transportation, safety and quality of life.

Director

[Margaret Mary O'Mahony](#), B.E. (N.U.I.), M.A., D.PHIL. (OXON.), C.ENG., FIEI, MICE, F.T.C.D. (2001)

TRINITY CENTRE FOR URBAN AND REGIONAL STUDIES

The centre is a joint initiative of the Departments of Economics and Geography in order to meet the need for an expanded research programme in urban and regional development and the built environment. The centre addresses a wide spectrum of economic, social and environmental issues. In addition to research, the centre organises conferences, seminars and meetings relating to urban and regional affairs. In particular, it attempts to cater for the needs of communities and organisations in the Dublin area.

Research Institutes and Centres

Directors

Patrick Joseph Drudy, B.COMM. (N.U.I.), B.A. (N.U.I.), M.ECON.SC. (N.U.I.), M.A. (DUBL., CANTAB.), PH.D. (CANTAB.),
Fellow *emeritus*

Andrew Charles MacLaran, M.A. (DUND.), PH.D. (DUND.)

TRINITY CENTRE FOR WAR STUDIES

The centre was established in 2008 to promote the study of the origins, nature and consequences of war in history and the contemporary world. It draws on the interests of staff in the School of Histories and Humanities with convergence on three areas in particular: the Thirty Years War and the wars in Britain and Ireland in the seventeenth century; the Revolutionary and Napoleonic Wars, 1792-1815; and the era of the two world wars, 1914-1945. While the cultural history of war is a special strength of the centre, the study of all aspects of war – from military operations to politics, society and the economy – is supported.

Director

Alan Richard Kramer, B.A. (N'CLE (U.K.)), M.A. (N'CLE (U.K.)), DR.PHIL. (HAMBURG), F.R.HIST.S., F.T.C.D. (1994)

Associate Director

Fergus Robson, B.A., PH.D.

TRINITY FUTURE CITIES: CENTRE FOR SMART AND SUSTAINABLE CITIES

The centre fosters research-led innovation in smart approaches to optimising cities' resources, reducing their environmental impact, and improving citizens' quality of life within urban environments. Its research is multi-disciplinary, including researchers from computer science, statistics, information systems, engineering, natural sciences, social science, chemistry, English, nursing and midwifery, business and law. The centre provides a focus point for leveraging existing activities and collaborations, as well as seeking new opportunities for funding.

Director

Síobhán Clarke, B.SC. (D.C.U.), M.A., PH.D. (D.C.U.), F.T.C.D. (2006)

TRINITY CENTRE FOR IMMUNOLOGY (TCI)

The area of immunology is one of the fastest-growing disciplines in biomedical research and is a key component of the biotechnology industry. The aims of the TCI are to promote the development of immunology in College; to foster links between immunologists within College; to provide a focus for the raising of funds; and to co-ordinate present and future teaching in immunology. This initiative builds on what is already a strong aspect of research in College, the aim being to build on Trinity's reputation as one of international renown for research in the field of immunology.

Director

Kingston Mills, B.A., PH.D., F.R.A.M.I., M.BIOL.I., M.R.I.A., F.T.C.D. (2004)

TRINITY INSTITUTE OF CARDIOVASCULAR SCIENCE

In June 2004, Trinity College established the Institute of Cardiovascular Science, a partnership between the College and its two main teaching hospitals: Tallaght Hospital and St James's Hospital. The aims of the institute are to increase the understanding of cardiovascular disease in order to improve and develop prevention, diagnostic, treatment and rehabilitation strategies. While the main focus of the institute is research; it is also engaged in the development and delivery of education and in co-ordinated service development. It offers an M.Sc. in Cardiology on the St James's campus.

Co-directors

Ross Thomas Murphy, L.R.C.P. & S.I., M.B. (N.U.I.), M.SC., M.D., M.R.C.P.I.

Deirdre Ward, B.A., M.B., M.R.C.P.I.

IRISH CENTRE FOR EUROPEAN LAW

The centre seeks to promote the knowledge, understanding and good practice of EU law and the law of the European Convention on Human Rights. To this end, the centre organises conferences, seminars and refresher courses on substantive areas of Union and Convention law (free movement, agriculture, competition, intellectual property, public procurement, immigration and asylum, human rights) as well as on the Union's institutional framework and on the interrelationship between the Union legal order and that of its Member States.

Chair

The Hon. Mrs Justice Fidelma Macken, Retired Judge of the Supreme Court

Director

Nathy Dunleavy, LL.B., LL.M. (MAASTRICHT), Barrister-at-Law, Attorney-at-Law

TRINITY MEDIEVAL HISTORY RESEARCH CENTRE

The centre is designed to promote research in the history and archaeology of Ireland and Europe in the Middle Ages. It provides facilities for the interaction and exchange of ideas among postgraduate students, postdoctoral researchers and staff (from inside and outside College), while also furnishing a forum where relevant research from other disciplines can be aired and discussed from a historical viewpoint. In addition to hosting externally-funded projects, the centre also offers a taught M.Phil. in Medieval History.

Director of the centre and Co-ordinator of the M.Phil. in Medieval History

[David Ditchburn](#), M.A. (EDIN.), PH.D. (EDIN.)

Visiting Research Fellows

[Ann Buckley](#), B.MUS. (N.U.I.), M.A. (N.U.I.), PH.D. (CANTAB.)

[Robin Frame](#), B.A., PH.D.

[Niav Gallagher](#), B.A. (N.U.I.), M.LITT. (N.U.I.), PH.D., H.DIP.ED. (N.U.I.)

[Chris Given-Wilson](#), B.A. (CANTAB.), PH.D. (CANTAB.)

[Stephen Hugh Harrison](#), B.A., M.A. (N.U.I.), PH.D.

[Conor Kostick](#), B.A., PH.D.

[Alastair Macdonald](#), M.A. (ABERD.), PH.D. (ABERD.)

[Gráinne McLaughlin](#), B.A., PH.D. (CANTAB.)

[Elizabeth Matthew](#), B.A. (DURH.), PH.D. (DURH.)

[Brendan Smith](#), B.A., PH.D.

TRINITY MIGRATION AND EMPLOYMENT RESEARCH CENTRE (TMERC)

The centre undertakes social-scientific research into migration and employment in Ireland and Europe. In its work the centre strives to produce high quality research of interest to researchers and policy makers. The centre aims to build capacity around researching migration and employment. The centre is also committed to forging strong links with Irish and international colleagues in the field of migration and employment research.

Director

[Camilla Devitt](#), B.A., M.A. (N.U.I.), PH.D. (EUROPEAN UNIV. INST. (FLORENCE))

TRINITY CENTRE FOR PEOPLE WITH INTELLECTUAL DISABILITIES

Trinity Centre for People with Intellectual Disabilities is one of Trinity College Dublin's most innovative initiatives. Formerly known as the National Institute for Intellectual Disability, this Trinity centre promotes the rights of people with intellectual disabilities with its mission of inclusion through education, research and pathways. Since its inception in 2004, it has aimed to create a paradigm shift in opportunity, policy and service provision with the objective to enable people with intellectual disabilities to be empowered and become active participants in Irish society. This work is aligned within the overarching framework of the 2006 United Nations Convention on the Rights of Persons with Disabilities. From an educational perspective, the two-

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year programme, entitled the 'Certificate in Arts, Science and Inclusive Applied Practice' provides adults with an intellectual disability an opportunity to experience tertiary level education and the richness of life as a college student. Following ten productive years as part of the School of Social Work and Social Policy, Trinity Centre for People with Intellectual Disabilities moved to the School of Education in October 2014, where it has been fully integrated into the core teaching and learning activities and research programme of the 'Inclusion in Education and Society' research group.

Director (under the remit of the Inclusion in Education and Society research group)

[Michael Gerald Shevlin](#), B.A. (N.U.I.), M.A., PH.D., H.DIP.ED. (N.U.I.), F.T.C.D. (2008)

Programme Co-ordinator

[Natasha Spassiani](#), B.SC. (YORK), M.SC. (YORK), PH.D. (ILL.)

Teaching and Learning Officer

[John Kubiak](#), B.A. (OPEN), M.ED. (OPEN), D.ED.

TRINITY OSCAR WILDE CENTRE FOR IRISH WRITING

The centre was opened in January 1998 as the teaching and research centre for both the M.Phil. in Irish Writing and the M.Phil. in Creative Writing. Devoted to writing and research, the centre's main focus is on providing an academic yet lively environment for students of both M.Phil. graduate courses. As an interface between College and community, the centre plays a key role in bringing the achievement and ambition of writers and scholars to the attention of a wider public both at home and abroad.

Director

[Ian Sansom](#), B.A. (CANTAB.), D.PHIL. (OXON.)

Director of the M.Phil. in Irish Writing

[Eve Veronica Patten](#), B.A. (OXON.), M.PHIL., PH.D., F.T.C.D. (2006)

Director of the M.Phil. in Creative Writing

[Gerald Chartres Dawe](#), B.A. (ULSTER), M.A. (DUBL., N.U.I.), F.T.C.D. (2004)

THE IRISH ART RESEARCH CENTRE (TRIARC)

This centre was established to promote and facilitate the study of Irish art and architecture, and began operations in October 2003. Located in the renovated Provost's House Stables, it serves as a focus for academic research and is responsible for organising seminars, conferences and postgraduate courses. It also has responsibility for a visual archive. By exploiting the exceptional resources available in the centre of Dublin, both in Trinity College and in the major cultural institutions nearby, the centre builds on the Department of the History of Art's existing achievements in the field of Irish art.

Director

[Yvonne Scott](#), B.B.S., M.A. (N.U.I.), PH.D., DIP. H.E.P., F.T.C.D. (2015)

THE TRINITY PLATO CENTRE

The centre is designed to co-ordinate and direct activities in the field of Platonic philosophy in the Greater Dublin area (including Maynooth), to supervise graduate students, and to organise seminars, colloquia and reading groups. In co-operation with University College Dublin and the National University of Ireland, Maynooth it will offer an M.Litt. and Ph.D. in Neoplatonic Studies.

Director

[Vasilis Politis](#) (Department of Philosophy, T.C.D.), B.A. (OXON.), B.PHIL. (OXON.), D.PHIL. (OXON.), F.T.C.D. (2005)

TRINITY ACADEMIC GASTROENTEROLOGY GROUP RESEARCH CENTRE

The Trinity Academic Gastroenterology Group (TAGG) is an active research and clinical team working collaboratively at Tallaght Hospital, St James's Hospital Dublin and Trinity College

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Dublin. TAGG is affiliated with Trinity Health Ireland (THI). Our vision is of excellence and innovation in service delivery and research in all fields of gastroenterology. The team is multi-disciplinary comprising gastroenterologists, surgeons, medical physicists, nutritionists, nurses, engineers, scientists and allied health professionals. Our principal investigators (PIs) collaborate with national and international colleagues across Europe, North America, Canada and Ireland as well as with small and medium sized enterprises (SMEs) and industry partners.

Co-directors

[Barry McMahon](#), M.SC., PH.D. (AALBORG), DIP. ELECTRONIC ENGINEERING (N.C.E.A.)

[Deirdre McNamara](#), B.A., M.D., DIP. CANCER PREVENTION (N.C.I.), F.R.C.P.ED., M.R.C.P.I.

[Nasir Mahmud](#), M.B. (PUNJ.), M.D., DIP. GASTROENTEROLOGY (E.B.G.), M.R.C.P.I.

TRINITY CANCER RESEARCH CENTRE (TCRC)

Cancer has been identified as a priority research theme based on the quality of research that has been generated by Trinity academics. There are over 170 researchers from the School of Medicine and other Schools and Institutes across the College actively working on cancer projects as part of a vibrant interdisciplinary research community. Research in cancer incorporates basic biomedical and biomolecular research based at the Trinity Biomedical Sciences Institute and the Institute of Molecular Medicine, along with clinical research based in the teaching and affiliated hospitals, including St. James's, Tallaght, Coombe Women and Infants University Hospital and Our Lady's Hospital for Sick Children, Crumlin.

Co-Directors

[John James O'Leary](#), M.B. (N.U.I.), B.SC. (N.U.I.), M.SC. (N.U.I.), M.A., M.D. (N.U.I.), D.PHIL. (OXON.), F.R.C.PATH., F.F.PATH.R.C.P.I., F.T.C.D. (2005)

[John Vincent Reynolds](#), M.B. (N.U.I.), M.A., M.CH. (N.U.I.), F.R.C.S.I., F.T.C.D. (2004)

TRINITY CENTRE FOR ASIAN STUDIES

The Trinity Centre for Asian Studies provides a structure for multidisciplinary education in Asian Studies and integrates the university's actions in developing Chinese, Korean and Japanese Studies as well as other regionally-based scholarship and pan-Asian research. Located in the School of Linguistic, Speech and Communication Sciences, the centre acts as a focal point for Asian Studies and creates cross-College opportunities for collaboration and outreach. Its teaching and research focus on contemporary society and culture, language learning, diaspora studies, and comparative studies including Asian-European studies. The centre's aim is to promote Asian Studies nationally and internationally, and in so doing, to be the leading knowledge centre in Ireland for policy-makers, business leaders and scholars in the field. The centre organises regular seminars and public lectures.

Director

[Lorna Carson](#), B.A., M.A. (COLLEGE OF EUROPE, BRUGES), M.PHIL., PH.D., F.T.C.D. (2015)

TRINITY CENTRE FOR BIOENGINEERING

The centre was established in May 2002 and has principal investigators drawn from the Schools of Engineering, Medicine, Dental Science and Natural Sciences in Trinity College, and from the Royal College of Surgeons in Ireland, Dublin City University, and University College Dublin. The aim of the centre is to facilitate the development of bioengineering research and to support interdisciplinary teaching initiatives in the field of biomedical engineering. The specific areas of research focus at present are: biomechanics and mechanobiology, tissue engineering and regenerative medicine, neural engineering, medical devices, and advanced drug delivery.

Chair of the Executive Committee

[Fergal Joseph O'Brien](#), B.A., B.A.I., PH.D., MIEI

Director

[Daniel John Kelly](#), B.A., B.A.I., M.SC., PH.D., F.T.C.D. (2010)

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Deputy Director

[Bruce Philip Murphy](#), B.A., B.A.I., PH.D.

TRINITY CENTRE FOR DIGITAL HUMANITIES

The Centre brings together expertise from various disciplines of the arts and humanities as well as from computer science, linguistics, engineering and the library. A major goal of the centre is to build on past achievements by further bringing together research interests from across College to create new synergies and opportunities for collaboration and cross-disciplinary research.

Co-directors

[Owen Conlan](#), B.A., B.A.I., PH.D., F.T.C.D. (2015)

[Jennifer Edmond](#), B.A. (BOSTON), M.A., PH.D. (YALE)

TRINITY ENGAGE – CENTRE FOR RESEARCH IN AGEING

Through strategic investment over the last decade, Trinity has developed a strong research capacity in ageing. Over one hundred and ten Trinity researchers are engaged in ageing-related research spanning fields of biology, public health, medicine, informatics, macroeconomics, finance, urban planning, engineering, technologies, globalisation and migration, the law, sociology, business and philosophy. The centre will create a unique hub of ageing-related research that will shape policies and programmes and foster multi-disciplinary collaborations, transforming Trinity from being world class to world leading in this field.

Director

[Rose Anne Marie Kenny](#), M.B. (N.U.I.), M.D. (N.U.I.), F.R.C.P., F.R.C.P.I., M.R.I.A., F.T.C.D. (2007)

TRINITYHAUS RESEARCH CENTRE

TrinityHaus was formed in 2008 to provide innovative solutions for buildings, neighbourhoods and cities. It is staffed by a diverse range of researchers with professional and academic expertise in architecture, computer science, engineering, management science, and soil science. Current projects include a HRB research project into design of dementia friendly hospitals and COST Action TU1204 into 'People friendly cities in a data rich world' with twenty-eight European partners resulting in urban living laboratory studies carried out in Dublin, Glasgow, Lucca, Reykjavik and Vilnius.

Executive Director

[Brian Michael Broderick](#), B.E. (N.U.I.), M.ENG.SC. (N.U.I.), PH.D. (LOND.), D.I.C., MIEI, F.T.C.D. (2006)

Director

[Mark Dyer](#), B.ENG. (WALES), B.SC. (OPEN), M.A., D.PHIL. (OXON.), C.ENG., FICE, AoU, F.T.C.D. (2009)

Inter Faculty Groupings

COMPARATIVE MEDICINE UNIT

Director

[Jose Sanchez Morgado](#), B.V.SC. (U.C. MADRID), M.SC. (R.V.C. LOND.), PH.D. (U.A. MADRID), E.C.L.A.M.

Chief Technical Officer, Grade II

[Sylvia Mehigan](#), M.I.A.T., R.AN.TECH.

Senior Technical Officer

[Ciaran Gavagan](#)

Technical Officers

[Charles Murray](#)

[Mark Travers](#)

Research Support Officer/Administrative Officer

* [Laavanya Parthasarathi](#), B.SC. (B'THIDASAN.), M.SC. (B'THIDASAN.), PH.D. (B'THIDASAN.)