

Professor Moran's academic functions at Trinity include both education and research. From an education perspective, current post-graduate activities include a contribution to the MSc in Sports and Exercise Medicine, MSc in Bioengineering and the education of surgical trainees as part of the Surgical Training Programmes of the Royal College of Surgeons in Ireland. Professor Moran also acts as Director of the new clinical and academic Orthopaedic Sports Medicine Fellowship being hosted across Sports Surgery Clinic and Trinity College Dublin. In addition, he delivers lectures, tutorials and clinical electives that are part of the curriculum of the School of Medicine, he further assists with the interdisciplinary Sports Medicine education of allied health professionals at Trinity College Dublin.

As part of his research role in Trinity Medical School, Professor Moran is a Principal Investigator in Trinity Centre for Bioengineering and AMBER research centres. His research focuses on the transfer of biological developments in Sports Medicine to improve the outcomes of surgery for soft tissue and sports injuries. Professor Moran is internationally recognised as emphasising the translational role of the surgeon in linking bench and bedside in the Regenerative Medicine and Tissue Engineering field of Orthopaedics and Sports Medicine. A strong emphasis is being placed on the development of new fit for purpose infrastructure for clinical trials in Orthopaedics and Sports Medicine at Sports Surgery Clinic and partner sites in Ireland. In particular, key strategic partnerships are being forged across Trinity, Sports Surgery Clinic, RCSI, AMBER, the Trinity/St James' Clinical Research Facility, national and international academic partners, industry, Cappagh National Orthopaedic Hospital and additional clinical sites.

In addition to his role in traditional academic pursuits of the School of Medicine and Trinity Centre for Bioengineering, Professor Moran is also working with academic, service and clinical partners within Trinity College Dublin to pilot a new Sports Medicine Programme. This initiative builds on Professor Moran's extensive experience working with professional, amateur and collegiate athletes and teams across the US and Ireland over his career to date. It combines the three key strategies of injury research, musculoskeletal education and clinical care for athletes, teams and students of the College. This platform hopes to deliver a real-time learning environment for all students of the Faculty of Health Sciences, and underlies academic contributions to the Faculty of Health Sciences and School of Medicine. It is anticipated that the injury management and prevention strategies led by this programme shall be linked to awareness and prevention of overuse injuries in children, adolescents, and recreational athletes in society at large.

Professor Moran lives in Rathmines with his wife Claire and their three children, Alannah, John and Eavan.



Trinity College Dublin

Coláiste na Tríonóide, Baile Átha Cliath

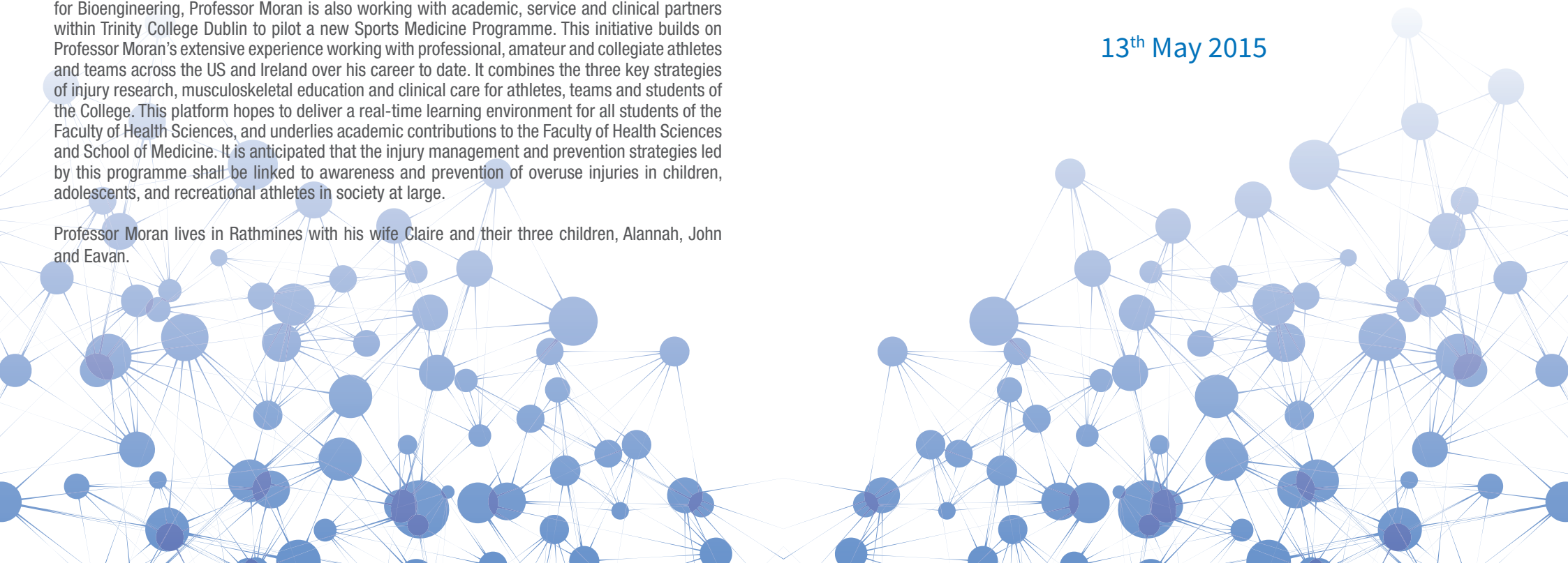
The University of Dublin

The Faculty of Health Sciences
presents the Inaugural Lecture of

Professor Cathal Moran

To Replace, Repair, or Regenerate?
Linking Science, Surgery and Prevention

13th May 2015



Inaugural Lectures

Inaugural lectures provide newly appointed professors with the opportunity to showcase their academic activity to the College community and members of the public. An inaugural lecture is a significant event in an academic staff member's career. At Trinity College, inaugural lectures are a ceremonial occasion, which is why academic robes are worn by the inaugural professor and the rest of the platform party.

The Faculty of Health Sciences is proud to present the inaugural lecture of Professor Cathal Moran. This lecture also marks the opening of the Academic Unit of Orthopaedics and Sports Medicine in the School of Medicine. The newly established Chair of Orthopaedics and Sports Medicine was made possible through an endowment from Sports Surgery Clinic to Trinity College Dublin.



Introduction

Professor Cathal John Garrett Moran, is the Professor and Chair of Orthopaedics and Sports Medicine, School of Medicine, at Trinity College Dublin (appointed 2014). Additionally, he has recently been appointed Honorary Professor at the Royal College of Surgeons in Ireland (2015). Earlier this year Professor Moran was awarded a Professorial Fellowship of Trinity College Dublin, as well as Fellowship of the Faculty of Sports and Exercise Medicine. Professor Moran's clinical practice as Consultant Orthopaedic Surgeon is located at Sports Surgery Clinic, Dublin.

Professor Moran was born and raised in Gort, Co. Galway. He was a student of Our Lady's College, Gort, and entered the National University of Ireland (NUI), Galway in 1995 to study Medicine. At NUI Galway, he first graduated with an Intercollegiate BSc Degree in Pharmacology (2000), completed during leave of absence from medical school (1999-2000) and linked to a period of academic training at University of California, San Francisco. Following completion of his primary medical degree (MB,BAO, BCh; 2002), Professor Moran undertook his internship at Galway University Hospitals (2002-'03). He then moved to the Mater Misericordiae University Hospital in Dublin in 2003. During 2003-'05 he completed his Basic Surgical Training (BST) Programme at the Mater Hospital and undertook the Intercollegiate Examinations leading to Membership of the Royal College of Surgeons (2005). He returned to NUI Galway from 2005-'06 as a Research Fellow in Orthopaedic Tissue Engineering at the Regenerative Medicine Institute (REMEDI). This research fellowship was linked to training periods at Mayo Clinic, Rochester, Minnesota and University of California, Irvine, and led to the award of Doctorate of Medicine (MD).

Professor Moran entered the RCSI Higher Surgical Training programme in Trauma and Orthopaedic Surgery in 2006. In 2009 he was appointed to the National Specialist Registrar Academic Fellowship Programme, facilitating completion of his clinical training in Orthopaedic Surgery alongside his PhD research in knee surgery. After completing the Intercollegiate Examinations in Trauma and Orthopaedic Surgery (2010), he received his Fellowship of the Royal College of Surgeons and his Certificate of Completion of Specialty Training in Orthopaedic Surgery (2011). Professor Moran then moved to the United States to gain sub-specialty clinical and academic experience in Orthopaedics and Sports Medicine. He completed the prestigious 2-year Orthopaedic Sports Medicine and Shoulder Fellowship Programme at Hospital for Special Surgery (HSS) in New York (2011-'13) and also held an academic appointment as Senior Clinical Instructor at Weil Cornell

Medical College (WCMC) during this time. He also worked with professional, college and high-school teams from the New York area during this period, gaining an important understanding of injury care in athletes. In addition to his time at HSS/WCMC in New York, Professor Moran also completed a visiting Fellowship to the Cartilage Repair Centre of Brigham and Women's Hospital / Harvard Medical School (2011) and a Sports Knee and Shoulder Fellowship at Antwerp Orthopaedic Centre in Belgium (2013-'14). Professor Moran returned to Ireland in August 2014 to take up the role of Professor of Orthopaedics and Sports Medicine and Consultant Orthopaedic Surgeon at Trinity College Dublin and Sports Surgery Clinic.

Professor Moran's sub-specialty clinical interests lie in the management of sports injury, soft tissue and degenerative conditions of the knee and shoulder. In his career to date Professor Moran has published over 60 international peer-reviewed manuscripts and has made over 250 scientific presentations. He has been awarded traveling fellowships of the International Cartilage Repair Society (ICRS; 2011) and the European Society for Sports Traumatology, Knee Surgery and Arthroscopy (ESSKA; 2015). He has also previously awarded significant research funding by the Health Research Board of Ireland (Science Degree Scholarship for Medical Undergraduates - 2000; and the above-mentioned NSAFP Fellowship - 2009). Professor Moran is also a recipient of a significant research grant from the American Orthopaedic Society for Sports Medicine (2012) for research in meniscus replacement surgery at the knee joint. Professor Moran has served as a research fellow at the Regenerative Medicine Institute (REMEDI) at NUI Galway, the Departments of Pharmacology and Obs/Gyn at NUI Galway, Department of Surgery at the Mater Hospital in Dublin, the University of California San Francisco, Mayo Clinic Rochester, University of California Irvine and Hospital for Special Surgery / Weil Cornell Medical College, New York. He has been awarded multiple prizes for his research, including the Irish Universities Pharmacia and UpJohn Pharmacology Gold Medal (2000), Prize-Session Medal at Annual Meeting of the Surgeons of Great Britain and Ireland (2003), the Cappagh National Orthopaedic Hospital Resident's Prize (2009), and the RCSI President's Gold Medal (2010). He is a Member or Fellow of ESSKA, the Arthroscopy Association of North America (AANA), American Orthopaedic Society for Sports Medicine (AOSSM), American Academy of Orthopaedic Surgeons (AAOS), the ICRS, the Irish-American Orthopaedic Society and the Irish Orthopaedic Association, and acts as a reviewer for many of the leading international orthopaedic journals.