INTRODUCTION

At the School of Dental Science in the Dublin Dental University Hospital (DDUH) we pride ourselves in providing education and specialist training programmes for all members of the dental team. We offer a wide range of postgraduate programmes from Doctorate to Diploma level. We are a centre of excellence in education, scholarship and patient care. Our mission is to enhance the learning experience of our students and the delivery of care to patients in an integrated and balanced way. We combine world-class teaching, research and clinical facilities with an open environment in which students, clinicians and researchers benefit from working side-by-side.

We are proud of what we do, of the community we serve, and of our role in the education of students in all aspects of dentistry, to the highest level.

We are pleased to introduce you to the taught and research postgraduate programmes at the Trinity School of Dental Science in the Dublin Dental University Hospital.

Dr Michael O’Sullivan,
Director of Teaching and Learning Postgraduate
PROFESSIONAL DOCTORATE IN DENTAL SURGERY

Duration: Three years, full-time; five years, part time
Course Administrator: Ms. Agnes Hagan agnes.hagan@dental.tcd.ie
Telephone: 01 612 7214

The School of Dental Science provides a clinical doctorate programme which results in the award of a Doctorate in Dental Surgery (D.Ch.Dent.) from Trinity College Dublin. There are six individual strands available:

- Oral Surgery
- Orthodontics
- Paediatric Dentistry
- Periodontology
- Prosthodontics
- Special Care Dentistry

This three-year clinical training programme is recognised as meeting the entry criteria for the speciality FFD examinations held by the Faculty of Dentistry, Royal College of Surgeons in Ireland.

Application requirements:
Applicants will be considered only if they have held a primary dental qualification for at least two years. The MFD/MFDS or equivalent is desirable, and mandatory for some courses. Normally, up to 12 months should have been spent working in hospital practice. Good communication skills in English are essential. Minimum requirements are an IELTS score of 7 or TOEFL score of 230 computer based, 570 paper based, 88 internet based.

The first year of the programme is designed to provide a background in relevant sciences and to develop basic skills within the chosen speciality. The emphasis during the 2nd and 3rd years is on the development of high levels of diagnostic ability, treatment planning, operative skills and patient management. Further details on each of the strands are contained in the following pages.
ORAL SURGERY

Course Director: Professor Leo Stassen
Email: leo.stassen@dental.tcd.ie
Course Administrator: Ms. Agnes Hagan, Agnes.hagan@dental.tcd.ie

Overview:
The D.Ch.Dent in Oral Surgery is a three-year doctorate programme which prepares the student for the practice of oral surgery at specialist level. MFD or equivalent is a requirement for entry to this course. Experience in a hospital setting and in oral surgery is advisable. Publications in peer review journals are an advantage. The emphasis will be placed on the practical aspects of Oral Surgery (dentoalveolar surgery, implants, intra-oral soft tissue surgery and bone grafting). There are strong links with Oral Medicine, Oral Pathology and other dental specialties, especially Periodontology, Prosthodontics and Special Needs Dentistry. There is a very strong component of Conscious Dental Sedation and students undertake the ACLS course. Oral Surgery is a recognised dental speciality in Ireland. On completion of this D.Ch.Dent the graduate should be competent in a wide range of oral surgery procedures. The graduate should also be capable of teaching the practical of oral surgery at postgraduate level. Students will undertake a research project leading to a thesis.

The programme leads to the award of Doctorate in Dental Surgery (D.Ch.Dent) and fulfils the criteria for specialist recognition by the Dental Council of Ireland. There are strict criteria for entry on the Oral Surgery Specialist Register in Ireland and advice on this is available on the Dental Council website.
ORTHODONTICS

Course Director: Dr. Therese Garvey  
Email: Therese.garvey@dental.tcd.ie  
Course Administrator: Ms. Agnes Hagan, Agnes.hagan@dental.tcd.ie

Overview:

The aim of the D.Ch.Dent. in Orthodontics is to educate dentists to become specialists in orthodontics with a broad academic background and sufficient clinical experience. MFD or equivalent is a requirement for entry to this course. The course follows the guidelines developed by the School of Dental Science, in conjunction with Advisory Committee (AC) in Orthodontics of the Irish Committee for Specialist Training in Dentistry. It is the intention of this course to develop students’ clinical skills in the light of currently available scientific knowledge. Students will undertake a research project leading to a thesis. This research activity should also provide the basis for refereed publication. The course leads to the award of Doctorate in Dental Surgery (D.Ch.Dent) and fulfils the criteria for specialist recognition by the Dental Council of Ireland.
PAEDIATRIC DENTISTRY

Course Director: Dr. Anne O’Connell
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Course Administrator: Ms. Agnes Hagan, Agnes.hagan@dental.tcd.ie

Overview:
The D.Ch.Dent in Paediatric Dentistry prepares the student both didactically and clinically to manage the child patient (0-16 years) at specialist level in a variety of settings (clinic, hospital, private practice). Clinical experience is provided under consultant supervision in the Dublin Dental University Hospital and in two Paediatric Hospitals. The volume and variety of patients includes healthy children, children with traumatic injuries, children with challenging behaviour, medically compromised children, children with dental anomalies/ syndromes etc. Treatment is provided under local anaesthesia, relative analgesia or general anaesthesia. Interdisciplinary care is co-ordinated with the other specialty programmes. The student is required to complete one or more research projects and present at international meetings. Publication of clinical and research work is encouraged. The course has been developed with the intention of fulfilling the criteria for specialist recognition identified by the Dental Council of Ireland. The course leads to the award of Doctorate in Dental Surgery (D.Ch.Dent).
PERIODONTOLOGY

Course Director: Dr Ioannis Polyzois
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Course Administrator: Ms. Agnes Hagan, Agnes.hagan@dental.tcd.ie

Overview:

The D.Ch.Dent in Periodontology focuses on the management of periodontal conditions and the planning and execution of oral implant therapy. The course includes didactic and clinical components and provides the basis for continuing professional development after completion of the programme. Students will be instructed in clinical periodontics with emphasis on the scientific basis for treatment. There is a heavy emphasis on evaluation of the contemporary literature. Elements of the surgical management of implant patients will also be included. Students will undertake a research project leading to a thesis; The findings should be suitable for publication in peer reviewed international journals. The course has been developed with the intention of fulfilling the criteria for specialist recognition identified by the Dental Council of Ireland. The course leads to the award of Doctorate in Dental Surgery (D.Ch.Dent).
PROSTHODONTICS

Course Director: Professor Brian O’Connell
Email: boconnell@tcd.ie
Course Administrator: Ms. Agnes Hagan, Agnes.hagan@dental.tcd.ie

Overview:
The D.Ch.Dent. in Prosthodontics prepares the student for the clinical practice of prosthodontics at specialist level and provides the basis for continuing professional development after completion of the programme. Students will thoroughly explore the prosthodontic literature and become competent in the clinical/laboratory aspects of fixed and removable prosthodontics, including dental implantology. Students will learn how to diagnose, plan and execute high quality prosthodontic treatment for a range of patients. They will have the opportunity to use state-of-the-art materials and equipment, including CAD-CAM restorations, computer-aided implant placement and fully adjustable articulators. The course explores the use of high strength ceramics and high-aesthetic situations. The Prosthodontic course works closely with periodontics, especially in treatment planning for implant patients. In addition, students attend multidisciplinary clinics for the treatment of dental trauma, developmental disorders (including hypodontia) and cancer surgery defects.

The course has been developed with the intention of fulfilling the criteria for specialist recognition identified by the Dental Council of Ireland. The course leads to the award of Doctorate in Dental Surgery (D.Ch.Dent).
SPECIAL CARE DENTISTRY

Course Director: Professor June Nunn
Email: june.nunn@dental.tcd.ie
Course Administrator: Ms. Agnes Hagan, Agnes.hagan@dental.tcd.ie

Overview:

Special Care Dentistry is that branch of dentistry which provides preventive and treatment services for people who are unable to accept routine dental care because of some physical, intellectual, medical, emotional, sensory, mental or social impairment, or a combination of these. The seven modules in the course in Special Care Dentistry cover: general and oral/dental aspects of impairment, planning of dental services, preventive and health promotion activities, inter-professional working, legislation and ethics, use of behaviour management strategies such as sedation and general anaesthesia, audit and research. Part of the programme will incorporate some of the modules from the Developmental Disabilities Graduate Diploma Course in University College Dublin. There will also be clinical attachments with outside hospitals and units, alongside hands-on training in the Dublin Dental University Hospital. Students will undertake a research project leading to a thesis; The findings should be suitable for publication in peer reviewed international journals. The course has been developed with intention of fulfilling the criteria for specialist recognition identified by the Dental Council of Ireland. The course leads to the award of Doctorate in Dental Surgery (D.Ch.Dent).
POSTGRADUATE DIPLOMA IN CLINICAL DENTAL TECHNOLOGY

**Duration:** 18 months, part-time.

**Course Director:** Dr Brendan Grufftery

**E-mail:** Brendan.grufftery@dental.tcd.ie

**Course Administrator:** Ms. Catherine Creagh, catherine.creagh@dental.tcd.ie

**Telephone:** 01 612 7354

**Overview:**

The Postgraduate Diploma in Clinical Dental Technology is held over an eighteen-month period, commencing in September. The course provides a wide background of focused education and training in clinical dental technology techniques to enable the Clinical Dental Technician to work clinically to the highest national and international standards both safely and independently. A comprehensive education in the theoretical and clinical principles of treatment of edentulous and partially dentate patients is provided. The course leads to the award of Postgraduate Diploma in Clinical Dental Technology (P. Grad. Dip. in Clinical Dental Technology).

**Application requirements:**

Applicants must possess a dental technology degree or equivalent qualification. Entry to training in Clinical Dental Technology would normally follow a minimum of a three year period of general professional training.
POSTGRADUATE DIPLOMA IN CONSCIOUS SEDATION IN DENTISTRY

Duration: 18 months, part-time.

Course Director: Professor June Nunn & Professor Leo Stassen
E-mail: june.nunn@dental.tcd.ie & leo.stassen@dental.tcd.ie
Course Co-ordinator: Dr Mary Clarke, mary.clarke@dental.tcd.ie
Course Administrator: Ms. Catherine Creagh, catherine.creagh@dental.tcd.ie
Telephone: 01 612 7354

Overview:

This Postgraduate Diploma in Conscious Sedation in Dentistry is designed to provide dental practitioners with postgraduate education and training in theoretical principles and clinical practice of conscious sedation. It has been designed in response to the increasing use of conscious sedation techniques in dentistry in Ireland and a demand by practitioners for formal training as directly applicable to the practice of conscious sedation for dentistry.

The course is part-time and will involve attendance at 10-12 didactic days and a minimum of 20 clinical hands-on sessions at the Dublin Dental University Hospital or an associated hospital.

Application requirements:

Applicants must possess a dental degree, which is registerable with the Dental Council in Ireland or the equivalent medical degree registerable with the Medical Council of Ireland. Entry to training in conscious sedation in dentistry would normally follow a two-year period of general professional training that a student would already have undergone. Applicants must have evidence of satisfactory seroconversion for protection against Hepatitis B. New regulations may require testing for Hepatitis C for new entrants to the HSE. Applicants will also be required to undergo Garda (Police) Vetting.
POSTGRADUATE DIPLOMA IN SPECIAL CARE DENTISTRY

**Duration:** 18 months, part-time.

**Course Director:** Professor June Nunn

**Course Co-ordinator:** Dr Caoimhin MacGiolla Phadraig

**E-mail:** june.nunn@dental.tcd.ie and caoimhin.macgiollaphadraig@dental.tcd.ie

**Course Administrator:** Ms. Catherine Creagh, catherine.creagh@dental.tcd.ie

**Telephone:** 01 612 7354

**Overview:**

The Postgraduate Diploma in Special Care Dentistry provides training in clinical special care dentistry to enable dentists to deliver primary care both safely and independently to this patient group. In addition, it aims to deliver a comprehensive education in the theoretical principles of special care dentistry and develop an ability to critically analyze professional literature. The course leads to the award of Postgraduate Diploma in Special Care Dentistry (P.Grad.Dip. in Special Care Dentistry). The curriculum is designed to enable postgraduate students, including dental practitioners who work in general dental practice as well as community and hospital dental services, to achieve the intended learning outcomes of the course.

In addition to the course of study and examinations, a student must present an essay-based project on barriers to care, and a related presentation, a professional literature review of a topic, clinical competencies and submit a project on health delivery models. A student must also submit a portfolio based on a reflective logbook of all cases seen as part of the course as well as selected cases from their own independent practice demonstrating application of knowledge and practical skills obtained through this course. Satisfactory attendance at all aspects of the course is compulsory.

**Application requirements:**

Practitioners must hold a Bachelors Degree in Dental Science or its equivalent, registerable with the Dental Council of Ireland, for at least two years. Students have a responsibility to have valid Basic Life Support (BLS) certification from certified bodies prior to commencement of the course. Furthermore, students must possess their own professional indemnity insurance and present evidence of satisfactory seroconversion against Hepatitis B virus and a recent negative hepatitis C antibody test. Applicants will also be required to undergo Garda (Police) Vetting.
PROFESSIONAL DIPLOMA IN ORTHODONTIC THERAPY (UNDERGRADUATE)

Duration: 12 months.
Course Director: Dr Darius Sagheri
E-mail: sagherid@tcd.ie
Course Administrator: Ms. Natalie McGettigan, Natalie.McGettigan@dental.tcd.ie
Telephone: 01 612 7361

Overview:
The School of Dental Science offers this one-year professional diploma for Dental Nurses and Dental Hygienists to train as Orthodontic Therapists. Orthodontic Therapists are registered Dental Healthcare Professionals who carry out certain parts of orthodontic treatment. These are treatments which may only be carried out under the supervision of a dentist registered in the Orthodontic division of the Register of Dental Specialists. The Orthodontist examines the patient and indicates to the Orthodontic Therapist the course of treatment to be provided for the patient. All dental work carried out by the Orthodontic Therapist must be inspected and approved by the Orthodontist before the patient leaves the practice premises.

The Course consists of four parts: An initial 20-day Core Course, spread over a 7-week period; Workplace Training in an approved private orthodontic practice or public health orthodontic clinic under the supervision of a registered orthodontic specialist or consultant orthodontist; 14 Study Days based at the School of Dental Science; Self-directed Study and Distance Learning.

Application requirements:
Applicants must have a Dental Hygiene or Dental Nursing qualification, current registration with the Dental Council in Ireland, professional indemnity insurance, negative HBsAg and Hepatitis C antibody test result, current BLS certificate, English Language requirement of IELTS 7 in all domains. Applicants will be required to undergo Garda (Police) vetting. Applicants should have at least two years’ workplace experience in a private orthodontic practice or a public health orthodontic clinic and written support of a suitably qualified orthodontist trainer who is on the Orthodontic Specialist register of the Dental Council. The Orthodontist trainer is required to attend for interview alongside their applicant and must attend a ‘Training the Trainers’ course prior to the start of the Diploma, to prepare them for the role.
PhD RESEARCH PROJECTS

Director of Research: Dr Gary Moran
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Telephone: 01 612 7245

Overview:
The School of Dental Science in the Dublin Dental University Hospital is strongly committed to improving health in Ireland, in particular oral health, through research in Dentistry and Oral Biology. Our commitment to excellence in research and research-led teaching is evident in the high quality and quantity of our research output, made possible by strategic investment in infrastructure and staff. Our research is recognized internationally and many staff members are active in the international research arena through publishing in high impact journals, presenting and chairing at international conferences and through membership of editorial boards. Our vision for the future is to continue to be the leading research-led Dental School in Ireland and to continue to produce research with potential to enhance oral health and support undergraduate and postgraduate training.
There are two over-arching research programmes recognized and supported by the School of Dental Science.

These are:

• Clinical and Translational Dentistry
• Basic and Applied Oral Biosciences

These two programmes are currently comprised of a total of seven priority thematic research areas.

These are:

• Periodontology, Implantology and Maxillofacial Surgery
• Quality of Life Outcomes
• Special Care Dentistry
• Oral Cancer and Mucosal Disease
• Cell Biology of Oral Tissues
• Materials Science
• Oral Microbiology (Includes: Mycology, MRSA, Biofilm control in waterlines & Periodontal Microbiology

Further Information:
For further information, please visit our website, or contact our Director of Research, Dr Gary Moran.
FOR FURTHER INFORMATION:

How to apply:
All Postgraduate Courses must be applied for online at the following link:
http://www.tcd.ie/courses/postgraduate/

Further information is available at www.tcd.ie/study

Contact Us:
Please visit our website for detailed information on our courses and our research activity:
www.tcd.ie/dental

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