

## Graduate Orthodontic Program at the Faculty of Dentistry, University of Toronto

The graduate specialty program in Orthodontics at the University of Toronto is one of Canada's largest and oldest programs that continues to be renowned for its contribution to orthodontic education and research. The core student profile is constituted by a yearly intake of 4 Msc with Specialty training students, 1 Dental Specialty Assessment and Training Program student and it also offers the opportunity to train in a combined PhD with specialty training program for eligible candidates. The content of the graduate program in orthodontics is derived from both, its scholarly content as well as the clinical training experience. The scholarly content is based on a strong and exhaustive curriculum encompassing basic and applied science as related to the field, lectures and seminars and an original thesis research completed under the supervision of qualified and experienced research mentors. The clinical component is derived from a wide based clinical experience that covers the spectrum of orthodontic problems in growing children and adults. A multitude of clinical techniques are taught and each graduate student's clinical training is overseen directly by more than twenty clinical instructors who are experienced in the respective clinical techniques they teach, with overall direction by the program director. Students also participate in supervised multidisciplinary treatment by collaborating with graduate students from other disciplines of dentistry such as oral and maxillofacial surgery for the surgical orthodontic cases, periodontics, prosthodontics and oral and maxillofacial radiology. In addition, orthodontic graduate students have rotations in Mount Sinai hospital and the craniofacial program at The Hospital for Sick Children, through which they receive a strong educational experience in pain, temporomandibular joint disorders and craniofacial anomalies respectively. Affiliation with the renowned Centre for Cleft and Craniofacial Anomalies at the world renowned Hospital for Sick Children is a unique strength of the program. In recent years, several technological updates have been made to optimally use contemporary technological advancements in the graduate orthodontic program.

The program's appointed faculty includes 3 full time (tenured or tenure stream), three half time and three faculty members having 0.25 or 0.20 FTE appointments (all non-tenure stream). Many of these faculty appointed academic staff are also active in research and publications, and have membership with the school of graduate studies. They are accessible to the graduate students of the Faculty for supervision of their original thesis research. Orthodontic faculty members continue to contribute to the scholarly peer reviewed literature. There were more than 15 peer reviewed papers and 3 book chapters contributed in the last 12 month period. Faculty members have received research awards and competitive funding from the American Association of Orthodontists Foundation and other grant agencies. Graduate students have also continued to receive research awards and their clinical and research work has been regularly presented and appreciated at major orthodontic and research conventions. Current research themes that are being actively pursued by faculty members and students include cleft and craniofacial anomalies, craniofacial imaging, facial growth, orthodontic tooth movement, pain, and orthodontic materials.

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