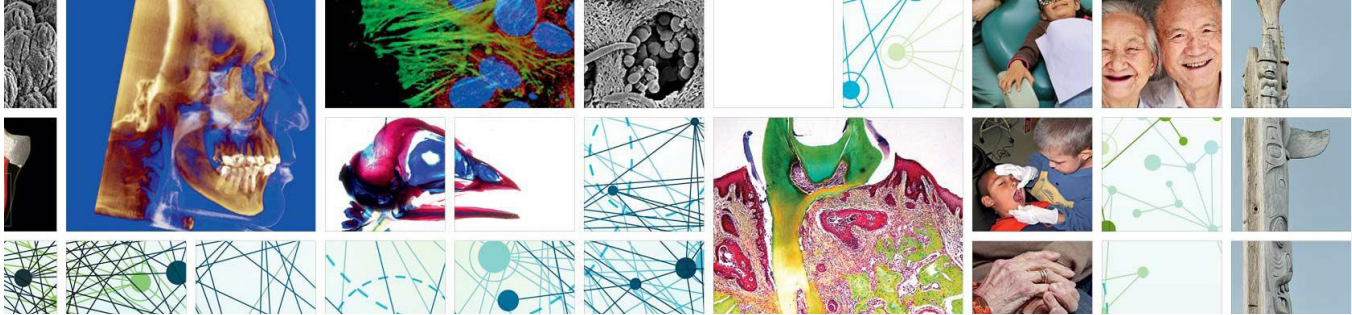


# UBC FACULTY OF DENTISTRY



## DENTISTRY FACTS

\$3M

Research funding  
(2023/24)

5

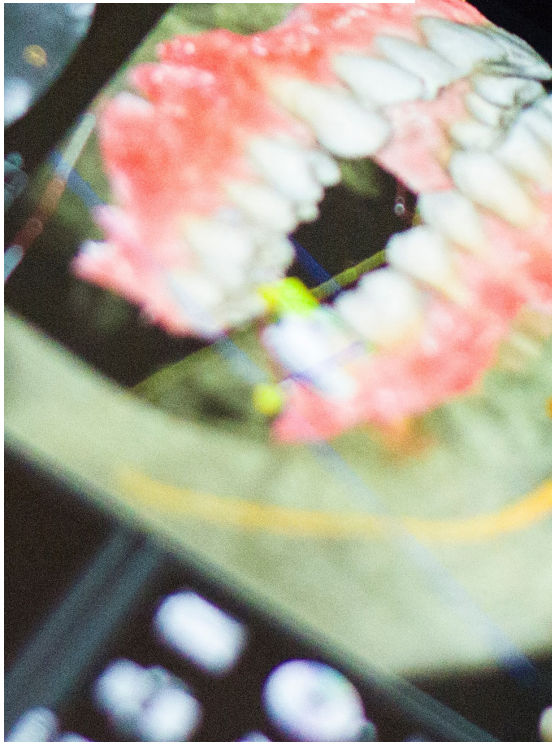
integrated  
clinical specialty  
programs

3

Canada Research Chairs

UBC Dentistry is committed to delivering outstanding research-intensive MSc and PhD graduate studies in the field of Craniofacial Science.

Graduate studies in oral health-related clinical research (including both interventional and observational studies) and basic science research in biomaterials, cell biology, developmental biology, microbiology, and molecular biology.



## RESEARCH STRENGTHS & FACILITIES

The Faculty of Dentistry has an exceptional history of research achievement and has implemented a foundation for continued excellence in research through our strategic plan. Our professors are funded by the **Canadian Institutes of Health Research (CIHR)**, **Natural Sciences and Engineering Research Council of Canada (NSERC)**, Michael Smith Health Research BC, and various national and international foundations.

Our annual **Research Day** showcases innovative and ground-breaking discoveries via oral and poster presentations by undergraduate and graduate students, postdoctoral research fellows, research associates, visiting scientists, and faculty members. An ever-popular feature is a “rapid talks” session where selected presenters have 4 minutes to describe their research to the audience.

The Centre for High-Throughput Phenogenomics is a core research facility funded by the Canada Foundation for Innovation. It offers a comprehensive suite of imaging technologies to provide multi-dimensional information and analysis about the fine structure of specimens.

## ADMISSIONS

The Faculty offers study leading to a PhD or MSc in Craniofacial Science. This degree can be combined with one of five recognized dental specialties: endodontics, orthodontics, pediatric dentistry, periodontics or prosthodontics. In addition, postgraduate general practice and oral medicine/oral pathology residencies are available.

The Faculty of Graduate and Postdoctoral Studies establishes common minimum admission requirements. Each graduate program may have additional requirements. Please see the program website for details. [dentistry.ubc.ca](http://dentistry.ubc.ca)

## FINANCIAL SUPPORT

Financial support for graduate students in the Faculty of Dentistry comes from one or more of the following: awards administered by Graduate and Postdoctoral Studies, teaching/research assistantships, awards from external agencies, internal awards from the Faculty of Dentistry, and travel support for graduate students presenting at research conferences.

## GRADUATE PROGRAMS

- Craniofacial Science ([MSc](#), [PhD](#))

Clinical specialty programs that combine Craniofacial Science with a diploma at the graduate level, specializing in:

- Endodontics ([MSc/Dip](#), [PhD/Dip](#))
- Orthodontics ([MSc/Dip](#), [PhD/Dip](#))
- Pediatric dentistry ([MSc/Dip](#), [PhD/Dip](#))
- Periodontics ([MSc/Dip](#), [PhD/Dip](#))
- Prosthodontics ([MSc/Dip](#), [PhD/Dip](#))

Our clinical training programs include endodontics, orthodontics, pediatric dentistry, periodontics, and prosthodontics. All must be completed in combination with an MSc or PhD degree. These programs complement our General Practice Residency Program and Oral Medicine & Oral Pathology Residency Program.

Our combined educational approach ensures that newly graduated clinicians are well prepared to critically evaluate new treatment modalities as they are developed.

We strive to ensure that all students are supported by highly trained clinicians and scientists who work in concert with students, ensuring they develop their fullest potential and are successful in their studies.

UBC Dentistry's areas of research excellence are grouped into four themes:

- Clinical Research Theme: Applied research in cancer diagnosis and prevention, dental sleep medicine, imaging, and diagnostic radiology.
- Public Health, Educational, and Community Research Theme: Quantitative and qualitative research on oral health promotion, dental caries, oral epidemiology, digital dentistry, special care populations, healthcare services, and educational studies.
- Matrix Biology, Infection, Immunity, and Biomaterials Research Theme: Basic science biomedical research in integrins, molecular biology, inflammatory diseases, proteases, proteomics, biomaterials, microbial biofilms, photodynamic therapy, and wound healing.
- Craniofacial Development and Preclinical Disease Models Research Theme: Basic science biomedical research in craniofacial development, developmental biology, and biochemical signalling.

