



McGill

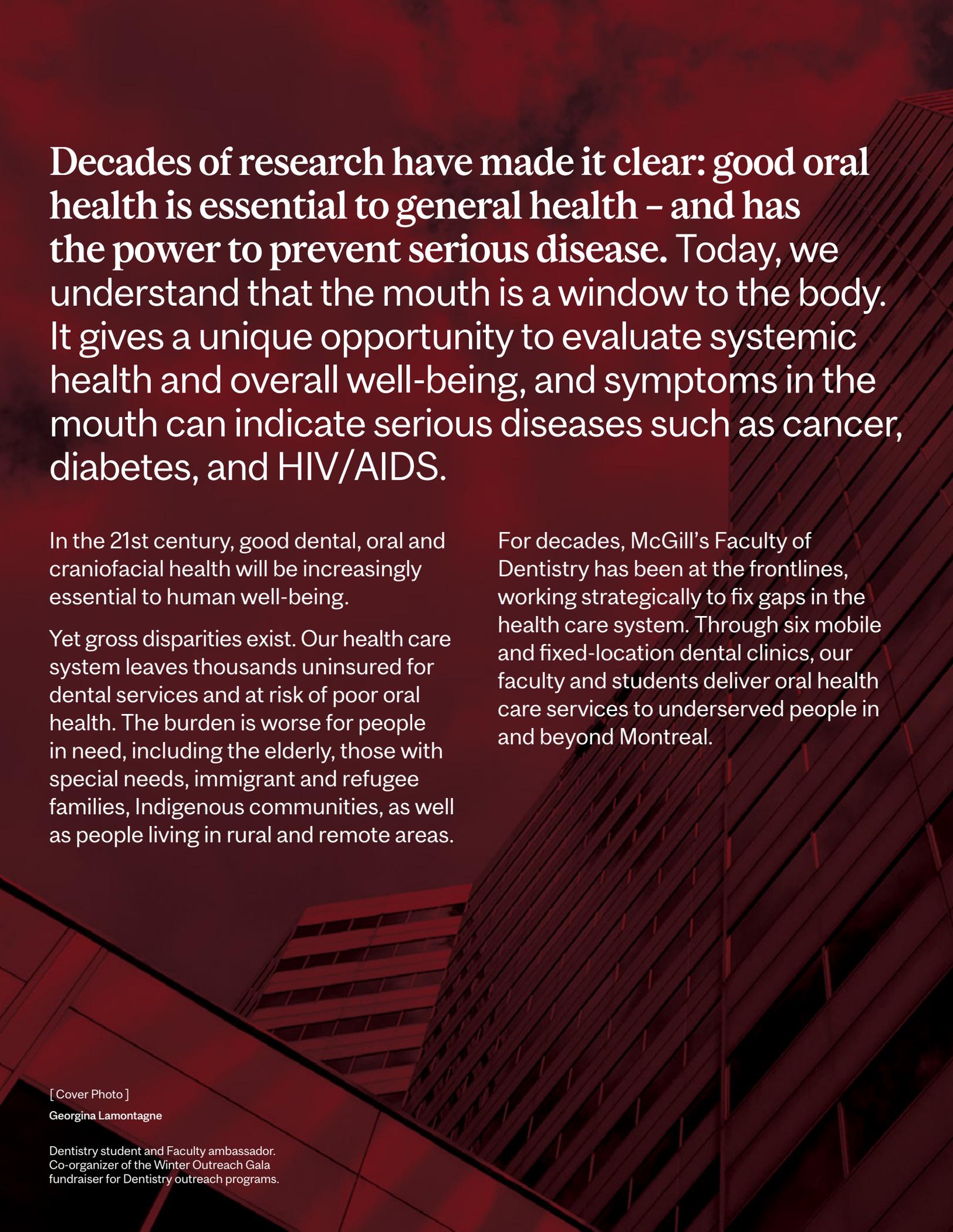
Faculty of
Dentistry

Building a healthier
future for all

MADE

by McGill

Georgina Lamontagne
Dentistry student



Decades of research have made it clear: good oral health is essential to general health – and has the power to prevent serious disease. Today, we understand that the mouth is a window to the body. It gives a unique opportunity to evaluate systemic health and overall well-being, and symptoms in the mouth can indicate serious diseases such as cancer, diabetes, and HIV/AIDS.

In the 21st century, good dental, oral and craniofacial health will be increasingly essential to human well-being.

Yet gross disparities exist. Our health care system leaves thousands uninsured for dental services and at risk of poor oral health. The burden is worse for people in need, including the elderly, those with special needs, immigrant and refugee families, Indigenous communities, as well as people living in rural and remote areas.

For decades, McGill's Faculty of Dentistry has been at the frontlines, working strategically to fix gaps in the health care system. Through six mobile and fixed-location dental clinics, our faculty and students deliver oral health care services to underserved people in and beyond Montreal.

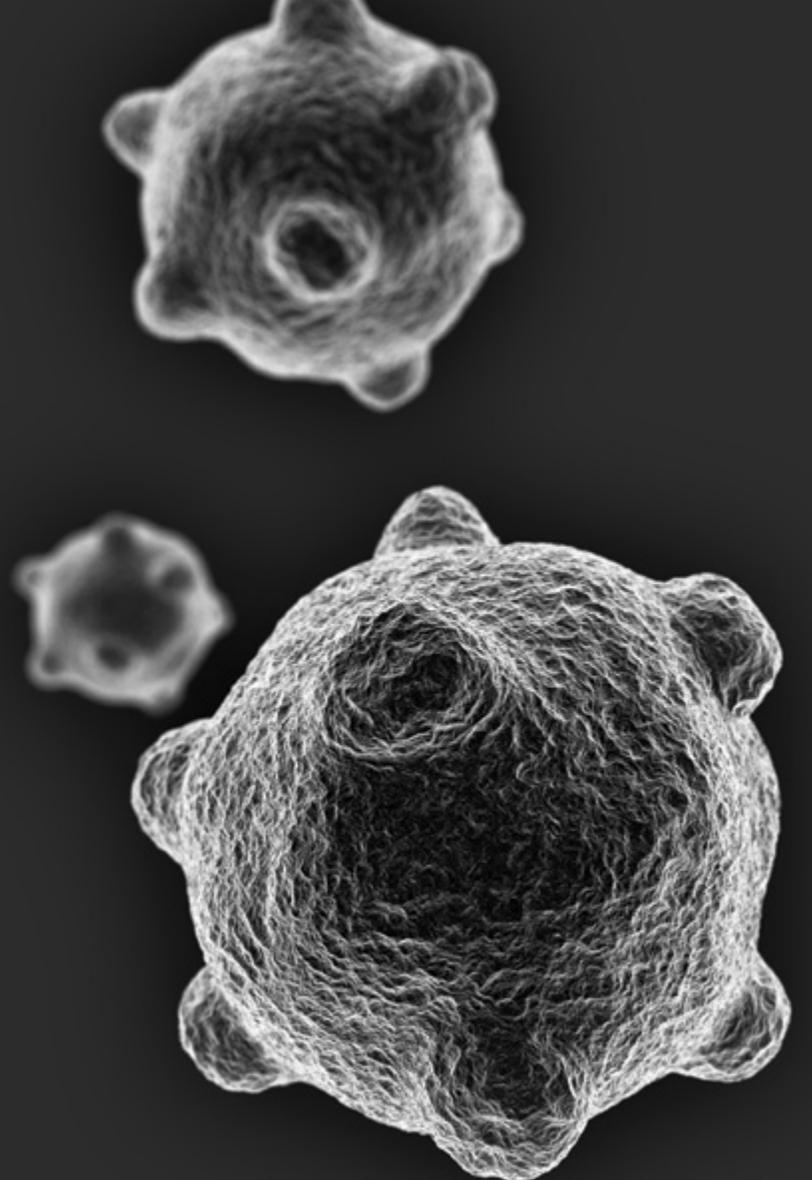
[Cover Photo]
Georgina Lamontagne

Dentistry student and Faculty ambassador.
Co-organizer of the Winter Outreach Gala
fundraiser for Dentistry outreach programs.

**The Faculty's
community clinics
are where the city's
most underserved
people get their
smiles back.**



The Faculty of Dentistry is recognized as a powerhouse for its innovation and excellence.



Oral health research generates knowledge on public health, cancer, bone health, tissue engineering, pain, infectious diseases and artificial intelligence.





The mission of **21st-century dentistry** extends beyond the dentist's chair and its traditional equipment.



The **challenges are great** – but so is our potential to meet them.



These are our strengths

Education, research, and community: McGill Dentistry is unique in integrating these three core pillars into its curriculum. In highlighting the importance of oral health as part of overall health, teaching a holistic approach to interprofessional care, investing in digital dentistry to train master clinicians and shape the future of research, and by empowering students to serve the community, we deliver transformative impact.

More than a century since our founding, our vision for dentistry remains an example to follow.

What else gives McGill's Faculty of Dentistry a distinctive edge as we seek to solve pressing global challenges and prepare the leaders of the future?

A steadfast commitment to the most vulnerable in our community

Our Service to the Community Program stands as a model for dental schools around the world. A crowning achievement of outreach and impact for more than 20 years, the almost entirely donor-funded program delivers oral health services to the community's most underserved populations. Compassion is the most important lesson we teach, and the greatest strength of every Dentistry graduate. From their first year on, McGill Dentistry students become professionals who serve, and alumni who give back as instructors, clinic volunteers, and lifelong donors.

The breadth and depth of our expertise

Headquartered in a state-of-the-art facility equipped with the latest technologies, our Faculty remains a leader in dental science, producing more than one third of Canada's oral health research despite holding only five per cent of the country's dentistry professors. With deep knowledge and a drive for innovation, working across top-of-class research centres, our researchers punch high above their weight.

Local connections and global reach

Existing in Montreal, one of the world's great cities, connected to universities, governments, public organizations and industry partners, and with a research network that spans the globe, the Faculty's doors are open to the myriad possibilities beyond our campus.



A portrait of Luda Diatchenko, a woman with short brown hair, wearing a dark, textured cardigan over a light-colored top. She is looking directly at the camera with a neutral expression. The background is a plain, light grey color. The image is framed by a red border on the left and top, with a white diagonal shape in the top-left corner.

A world with less pain.

**Made by researchers
like Luda Diatchenko.**

Made by McGill.

Professor of Dentistry, Canada Excellence
Research Chair in Human Pain Genetics,
Alan Edwards Centre for Research on Pain.



Training for the next generation
of compassionate professionals.

Made by alumni like Dr. Yu Kwong Li.

Made by McGill.

DDS'90. Volunteer with the McGill Dental Outreach Program since its creation. Advocate for community dentistry who dedicates his private practice to the physically and mentally challenged.

This is our vision

Bringing our strengths to their full potential.

Health care is a global concern that transcends social barriers and disciplinary boundaries. As health care becomes increasingly interdisciplinary, dental and oral health leaders will take on new roles and stage important policy interventions that will greatly affect health across society.

What comes next matters: we want to bring our Faculty to its full potential and help shape the future of dentistry for the better. We have identified three strategic areas of development where philanthropic support is vital: our flagship Service to the Community Program, the students we are training as future leaders in the profession, and the innovative research that is shaping the future of dental science at large. By investing in these areas, we can ensure that our tradition of excellence endures into McGill's third century and beyond.

Our vision is organized around three key pillars:

Taking service to the community to the next level

Strengthening our commitment to the communities we serve, and developing innovative ways of reaching populations in need of oral health care who are currently within our sight but beyond our grasp.

Training future-ready dental professionals

Giving our students the facilities, equipment, and fundamental skills they need in order to become master clinicians, while also developing an innovative curriculum using emerging tools in digital dentistry to ensure they are empowered to succeed in delivering a high standard of care to their patients.

Boosting dentistry research for innovation

Keeping our researchers at the forefront of dental science with the support of funding and updated infrastructure, we can ensure that McGill forges new paths for life-changing research, while leading the conversation on public policy issues related to oral and overall health.



Taking service to the community to the next level



Through a network of six mobile and fixed-location clinics that are almost entirely donor-funded, the Faculty's Service to the Community Program has set the example in altruism for dentistry schools for over 20 years. Every day, we witness the power of dental care to ease pain, restore smiles and change lives.

From refugee and immigrant families without access to dental insurance coverage, to low-income and homeless Montrealers, to Indigenous communities and people living in rural parts of Quebec, McGill Dentistry is dedicated to providing oral health services to underserved individuals. These are our Faculty's priority populations.

Philanthropic support goes directly to the community and enables us to reach further with every passing year.

The support of donors has a direct impact on our ability to serve the populations we already engage with, and offers the promise to expand our efforts to include more groups that need our help.

The Faculty seeks support that will allow us to:

Ensure the success of our clinics and improve the services they provide

Our community-facing facilities include the Undergraduate Teaching Clinic, the Jim Lund Clinic at the Welcome Hall Mission, the Pediatric Clinic and See Things My Way Clinic (adapted to patients with autism spectrum disorder and intellectual disabilities) in the Montreal Children's Hospital, and the Summer Dental Clinic. In addition, when people in need cannot come to us, our Mobile Outreach clinics go to them.

Funding from donors can help us offset the cost and staffing needs of our clinics, and enable us to offer more specialized services. Support can also empower us to strengthen our work in pediatric dentistry – a specialization few dentists train for, and where McGill stands out as a leader.



Pioneer a first-in-Canada Special Needs Care Program

Serving the community is a cornerstone of the Faculty, yet our ambitions exceed our reach. Our students and faculty are committed to helping people in the community, but we need your support to do more than ever before.

The Special Needs Care Program is a flagship project that will build on our current efforts, expanding our impact to underserved groups that would benefit greatly from targeted care. These include: at-risk or homebound elderly; individuals with disabilities; immigrant and refugee families; children and youth in need of specialized and social pediatric dentistry services; as well as Indigenous, rural and remote communities.

Our existing partnerships with community organizations are ready to help our Special Needs Care Program identify and provide service to new patient populations in underserved areas.

Reach further and innovate in care delivery

Better care to more diverse groups will require developing new start-up clinics, as well as creative approaches to how we can reach further beyond Montreal.

Many Canadians live hours away from the closest hospitals or dental practices; accessing oral services presents a major challenge. The problem is especially pronounced for northern and rural communities.

Building on lessons learned at our existing sites and mobile clinics, your generous support will help us bring oral health care services directly to these communities by building new clinics and innovating in care-delivery technologies. By optimizing emerging platforms like teledentistry, we can dramatically increase our ability to assess and interface with currently underserved people, both up close and remotely.

Make an impact on policy and global health

To scale up the impact of the Faculty's Service to the Community Program, it is critical that we add specialists and researchers to run regular program evaluations. With this framework in place, we can rigorously assess and refine the way we do this crucial work - and extend the benefit by making policy recommendations for the betterment of public and global health, closing equity gaps and addressing broader health care issues.



Training future-ready dental professionals

As the University enters its third century, our mission is to train technologically fluent graduates. We must empower students with the adaptive skills they will need in order to graduate as future-ready professionals.

The Faculty of Dentistry trains future leaders who will enter into a tech-heavy, rapidly changing profession. Yet the latest systems and technology used in dental science come at a cost.

By equipping our facilities with the latest technologies, we can close the gap between education and profession. For today's learners, this means virtual reality simulations – not plastic teeth.

Your philanthropic support is an invaluable investment in our students – an investment in the future of dentistry.

Besides training tech-agile students and new graduates, investing in teaching and research facilities will benefit our profession. With investments in infrastructure and equipment, the Faculty's academic and Continuing Education programs will be able to expand their offerings to students, alumni, and practicing dentists. By providing more opportunities to re-skill and embrace lifelong learning, we will empower members of our community to keep pace proactively with changing professional demands. What's more, all investments in Faculty resources will improve the quality of service we can offer our patients.

The Faculty of Dentistry seeks philanthropic support to:

Help our Faculty to expand our services

We have the knowledge, skills, and world-class teaching staff to train future-ready dental professionals. Yet our ambitions are limited by the size of our current facilities. With a vision and architectural plan in hand, philanthropic support will enable us to expand our facilities and create space for additional dental units in both teaching and clinical services. Expanding our facilities will directly expand our impact.

Create a forward-looking curriculum in digital dentistry

Professional dentistry has evolved digitally, yet few schools have integrated digital methods into their teaching curricula. By taking a proactive role, McGill can keep its students ahead of the technological curve.

Our teaching faculty have been early adopters of virtual rendering, 3D printing, and simulation technology. Building on this, we aim to embed AI/IT infrastructure in a robust digital curriculum, including a new in-Faculty online platform. This will be supported by renewed physical assets, technical staff and training for tech-agile teaching faculty. Moving forward, with your support, we will build on our technological expertise and leverage our facilities to create rich online resources for teaching and learning.





Train our students in practice management

The Faculty of Dentistry provides students with the skills they need to succeed as master clinicians. Despite this, they often leave unprepared for the practical management demands of life as a practicing dentist, whether in private clinics, hospitals, or community-based settings.

By developing a new practice management program and expanding postgraduate clinical training opportunities, we can close this gap. McGill is home to some of the best management programs in the country; with your support, we can ensure that our students are trained with an interdisciplinary approach to prepare them as dental professionals.

Support inclusion and diversity by offering more student funding

The cost of a Dentistry education is a barrier for many potential students, and the Faculty wants to increase its capacity to provide financial support so that many more students can benefit.

Whether through increased undergraduate financial-need bursary funding, merit-based scholarships, graduate fellowships, or

exploring new international partnerships, every donation to this area will go directly to funding our students' degrees, allowing us to expand access to the dental profession and continue growing a diverse community of practitioners.



A professional portrait of Adam Dadoun, a man with short brown hair and a beard, wearing a dark grey blazer over a light blue and white checkered shirt. The background is a plain, light grey color. The image is framed with a black border on the right and bottom sides.

A future to match his potential.
Made by opportunity.

Made by McGill.

Adam Dadoun

Dentistry student, Faculty ambassador
and bursary recipient.

Boosting dentistry research for innovation

As Canada's most research-intensive dental school, McGill's Faculty of Dentistry is a steadfast innovator in dental science, driving progress across disciplines.

Our students and researchers produce pioneering research on a number of key oral health issues, including many interdisciplinary collaborations with affiliated institutes resulting in high impact publications, fruitful knowledge transfer activities, and research funding success.

The Faculty of Dentistry's multidimensional research programs are organized into four clusters, and are empowered by affiliated centres, institutes, and research facilities.

Our research clusters

- › Pain and Neuroscience
- › Mineralized Tissues and Extracellular Matrix Biology
- › Biomaterials, Nanobiotechnology, and Tissue Engineering
- › Population Oral Health

Our affiliated centres, institutes, and facilities

- › Alan Edwards Centre for Research on Pain
- › Research Institute of the McGill University Health Centre
- › Centre for Bone and Periodontal Research
- › McGill Institute for Advanced Materials
- › Facility for Electron Microscopy Research



These centres and institutes provide the space, resources, equipment, and skilled staff our researchers need to shape the future of dental science. The Alan Edwards Centre for Research on Pain, for example, generates research that continually improves our understanding of chronic pain, and stands as an important example of interdisciplinary health science research at McGill.

Leading the research of oral health in the context of overall health, our Faculty is also on the brink of important discoveries. As technology transforms the possibilities for dental training and clinical care delivery, other researchers are evaluating the use of emerging technologies in the health sector at large.

Yet most, if not all, research projects that receive government funding are initiated by philanthropic support. Funding helps our researchers excel and undertake bold projects shaping the future of dentistry.

From seed money to project and program endowments, philanthropic support is the lifeblood of innovative research that changes lives.

More funding also means more opportunities to disseminate and translate research results into real-world practice and influence decision-makers in industry and government.

The Faculty of Dentistry seeks philanthropic support that will allow us to:

Create collaborative spaces that foster innovation

In order to improve our ability to develop powerful new treatments and forge meaningful knowledge networks, we need to build spaces where that research can happen. We've begun transforming our teaching and clinical sites at 2001 McGill College Avenue, and the effects for learning and service delivery are gaining momentum.

Our ambitions include modernizing outdated laboratory spaces in the Strathcona Anatomy and Dentistry Building. We also aim to invest in digital laboratories in the interdisciplinary research platform currently being developed at the Montreal General Hospital.

Secure better financial support for our graduate students

McGill trains more hospital residents than any other school in Canada. Yet our General Practice residents are among the lowest-paid dental residents in the country. Currently, 42 per cent of Dentistry students are graduate-level or residents in General Practice or Oral and Maxillofacial Surgery. Yet only six awards are available to these students each year. Support in the form of fellowships and awards for graduate students, especially in this critical training year, is essential to supporting our students.

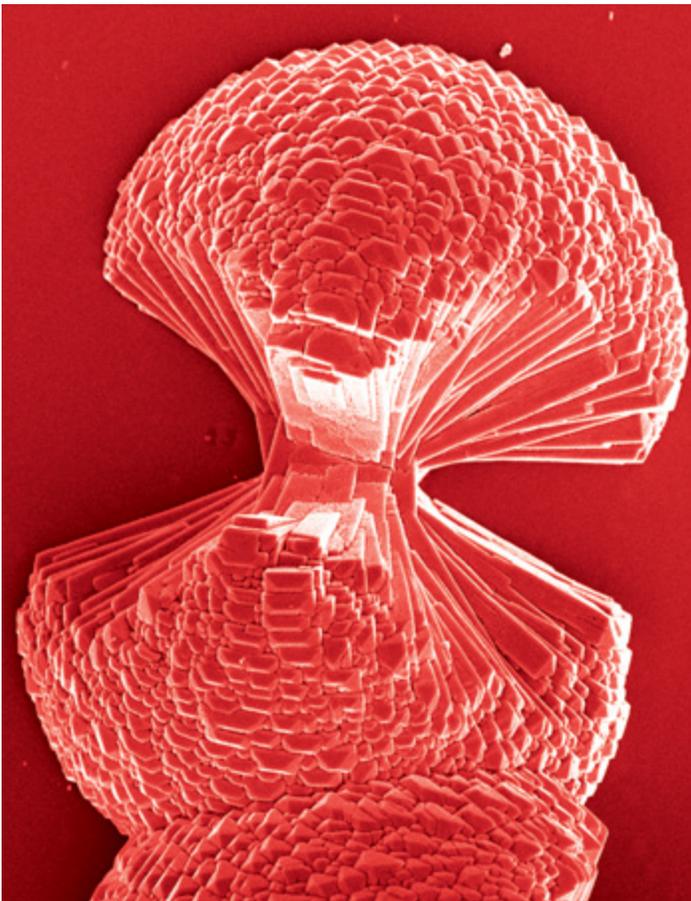
Strike bold interdisciplinary paths

The days of isolated research are reaching their end. With a number of exciting connections in place, we are eager to continue building collaborative interdisciplinary partnerships with colleagues within and beyond the University, broadening our perspective and increasing our range of impact.

We can expand our research impact across society in partnership with McGill faculties, including these existing avenues:

- › School of Continuing Studies: professional development offerings for in-service dentists and alumni
- › Faculty of Engineering: bioengineering; materials engineering
- › Faculty of Science: using AI to gather patient data and assess risk using targeted algorithms
- › Faculty of Medicine: using our knowledge to help head and neck cancer research; assessing the dental needs of at-risk pediatric patients, Indigenous, rural and remote communities
- › Desautels Faculty of Management: practice management programs
- › Faculty of Education: preventative education for young families

Our University community also has untapped potential for further connections with the School of Social Work, the School of Human Nutrition, and the School of Physical and Occupational Therapy. New sources of research funding will allow us to explore these exciting possibilities.



A close-up portrait of Dr. Lancelot Brown, a Black man with a goatee, wearing a dark suit, light blue shirt, and patterned tie. He is smiling slightly and looking towards the camera. A red diagonal shape is in the top-left corner of the image.

A Faculty of Dentistry
for McGill's third century.

Made by donors like
Dr. Lancelot Brown.

Made by McGill.

DDS'88. Faculty Advisory Board member, longtime donor and dedicated volunteer in McGill's Toronto community. Kick-started the Faculty of Dentistry bursary program, co-founding the Caribbean Entrance Bursary with Dr. Anthony Mair, DDS'87.

Supporting Faculty excellence



We've championed excellence in dentistry for over 100 years. Help keep this tradition alive by supporting the Faculty's ongoing needs.

In addition to accomplishing the goals set forth by the Faculty of Dentistry's strategic plan, investing in our three areas of development will also benefit the following key resources:

- › Need- and merit-based student funding to provide opportunities
- › Robust graduate student funding to strengthen recruitment
- › Travel and mobility awards to expand our research internationally and increase our Faculty's visibility
- › Infrastructure to support our long-term goals
- › Skilled support staff to reinforce our expertise in all areas
- › New faculty hires to boost our research and teaching initiatives

The Faculty of Dentistry: Devoted to community.
Changing society for the better.

Made by McGill: THE CAMPAIGN FOR OUR THIRD CENTURY.



McGill

Faculty of
Dentistry