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McGill

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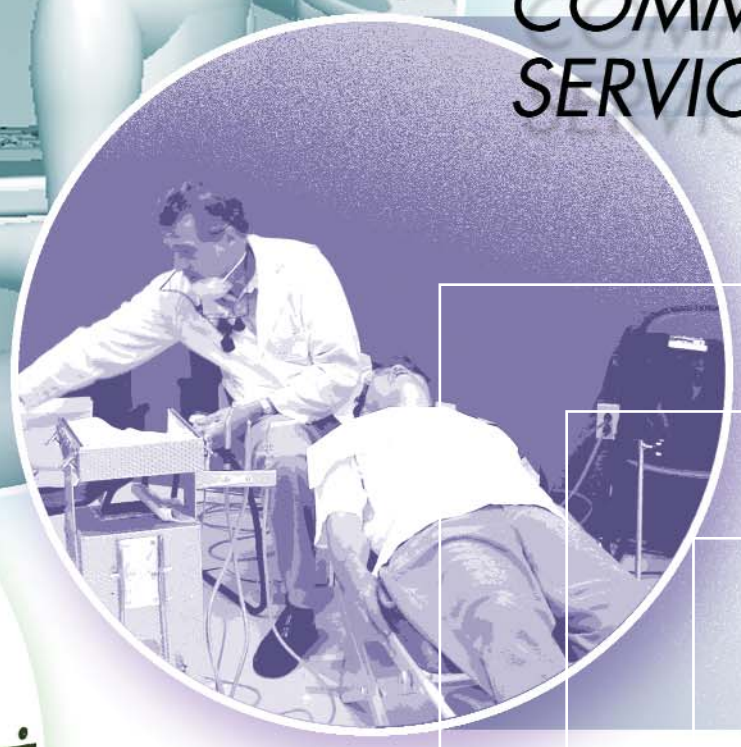
FACULTY OF Dentistry

Preparing tomorrow's practitioners and researchers through...

TEACHING

COMMUNITY SERVICE



RESEARCH

TRANSFORMING DENTISTRY THROUGH INNOVATION AND IMAGINATION

Changing demographics and health care needs are altering the demands placed on dental practitioners, while new knowledge and technologies have enabled the development of treatments that, just a short time ago, were not possible. Naturally, these changes are influencing the teaching of dentistry at all levels – undergraduate, graduate and post-graduate – at McGill's Faculty of Dentistry. The incorporation of the latest ideas, information and methodologies at all levels has transformed how students, researchers and young practitioners acquire and refine their knowledge and their technical and professional skills. From the classroom, to research into the delivery of the best in dental care to all, including our disadvantaged citizens, to clinical training in complex procedures, the Faculty of Dentistry is using innovation and imagination to prepare tomorrow's practitioners and researchers.

TRANSFORMING DENTISTRY THROUGH INNOVATION AND IMAGINATION

BY PATRICK McDONAGH

MISSION STATEMENT

The Faculty Council recently approved a new Mission Statement to guide us into the new era. Dr. Christophe Bedos was instrumental in developing this very important document.

Our Vision

- The Faculty of Dentistry, McGill University, envisions a healthy and equitable society. It is committed to the promotion of oral health and quality of life in the whole population, with emphasis on the needs of under-served communities and individuals.

Our Main Goals

- To enable oral health professionals to attain the highest levels of competence and commitment to patients and to the community.
- To foster outstanding research, and to educate and nurture students in order to increase knowledge and improve the wellbeing of the population.
- To serve the population through the delivery of oral health care in hospital facilities and through outreach programs in underprivileged communities.
- To maintain a leadership role in oral health education, in scientific research and in the shaping of public health policy, with an emphasis on reducing health inequalities.

Our Core Values

- Commitment to excellence and innovation.

It was with great pleasure that we welcomed Dr. James Lund for a third term (of 3 years) effective June 1, 2005 as Dean of the Faculty of Dentistry. By this rather exceptional re-appointment of a third term, it is clear that the search committee, the Provost and the Principal recognize the extraordinary achievements, commitment and vision of Dean Lund in leading our Faculty.

DEAN'S MESSAGE

Imagination, innovation, transformation and change: you will find these words and their synonyms on every page of this newsletter. In the dental schools that I knew of before coming to McGill, change came slowly, and usually in the form of curriculum review and revision every 15 to 20 years. I am very pleased to tell you that we have moved well past this at McGill. We have been improving our research and teaching over the last decade, and those who have read this newsletter every year will have seen the evidence for themselves. We now have young and dynamic faculty who are constantly on the lookout for new discoveries and ways to improve student life and learning. We are, however, only in the middle of a phase of growth which includes the recruitment of new faculty members, four of whom are profiled on page six. We are also rapidly expanding our research labs into 740 Dr. Penfield (Pages 19 and 20) and 3550 University Street, but there is a great deal more that we must do.

You will all remember that our clinic at the Montreal General Hospital (now called the Mountain Site of the McGill University Health Centre (MUHC) was fully renovated in 1994 under the able direction of Dr. John Blomfield who was then acting dean. Our alumni and friends played a crucial role in this collective effort, which culminated in the opening of the McCall Undergraduate Dental Clinic of McGill University. The clinic is still running well, but it is now time to plan for a new and expanded clinic.

We have begun to work on plans for a new clinical centre (Page 4), although its final location will not be fixed for a year or so. There are several reasons for this, but the most important is that McGill, the MUHC and the Government of Quebec have not yet signed off on the definitive floor plan of the new University hospital at the Glen Yards site. We can, however, complete most of our planning while this decision is being made. All full time members of academic staff and many of our part-time faculty members, support staff and students will be involved in the process that is being coordinated by Associate Dean (Academic) Marie Dagenais, Clinic Director Jeffrey Myers, the new Director of the Division of Restorative Dentistry, Sam Abi-Nader and myself.

As well as defining our requirements for the new facilities and drawing up floor plans, we are developing our concepts for the teaching of clinical skills in the future. The University of British Columbia has just inaugurated its new Oral Health Centre, and the University of Maryland is completing a huge new building in central Baltimore, both of which we can use as reference points for ourselves. We have already decided that one of our key training facilities will be the preclinical training laboratory (Page 19). With help from many of you, we will complete the installation of our audiovisual centre by this fall. The next stage will be to complete the transformation of our preclinical laboratory to a clinical skills training centre. Although it may seem as if we are just changing the name, the name change signifies a change in the learning environment.

In the new centre, second year DMD students will learn everything from sterilization to scrubbing and gowning, tray set-up and cleanup to simple surgical skills. Third and four year students will return to the centre from the clinic each time that a new clinical skill needs to be practiced, be it orthodontics, periodontal, surgery or prosthodontics. We will also use the centre to provide hands-on courses for general dentists and even for specialists.

Dental technology is changing rapidly, and we plan to equip the centre with simulators that are multifunctional so that we can teach not only dental surgery, but also bone and soft tissue surgery, endodontics and orthodontics, etc. New generations of simulators are now being conceived and we want to participate in their development. All this can be done as we plan new facilities, because any equipment that is acquired can be transferred to new space.

I have a little more than two years remaining in my third term as dean and, although we are unlikely to have anything built before my successor takes over, I do hope that we will have completed our planning by the time I step down. Of course, the most difficult part is not the creation of a virtual building, it is the negotiation of a solid financial plan! However, I do believe that with the support from McGill, our graduates and government, we will reach our goals.

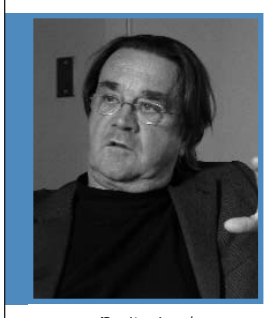
TRANSFORMING DENTISTRY THROUGH INNOVATION AND IMAGINATION

INNOVATION AND UNDERGRADUATES

The McGill undergraduate program in dentistry, traditionally strong, is getting stronger, thanks to some innovative pedagogy. "We're experiencing a paradigm shift in the way we teach," says **Jeffrey Myers** Director of Undergraduate Clinical Programs. "It's exciting to be associated with a faculty whose members are always challenging the status quo; always searching for better ways to train our students."

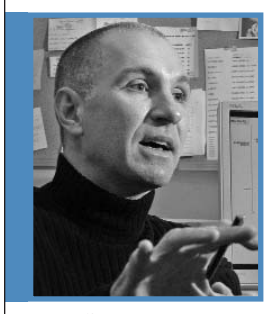
Dr. Jeffrey Myers

Each year, the McGill's four-year undergraduate dentistry program accepts 30 new students. In the first two years, students learn the scientific basis of dentistry and medicine and go through intensive pre-clinical training. The final two years involve a mix of clinical training and coursework. "In the first part of our program, the students learn not only about the basis of dentistry in physiology and biochemistry, but also have a chance to interact with medical students, which helps them develop future professional networks," says **Jim Lund**. "They come into our clinics with a very strong background."



Dr. Jim Lund

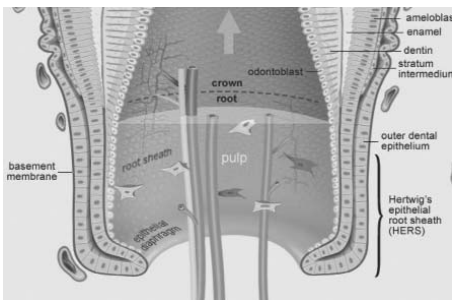
Some credit for that background goes to **Marc McKee**, Associate Dean, Research who teaches histology to incoming dentistry and medicine undergrads. The new histology teaching lab, established by McKee with emeritus professor Hershey Warshawsky, includes 38 computer work-stations, each connected to the Internet, and a microscope with a digital camera, giving students a complete set of optical and digital histology tools for their laboratory work. Students study collectively in groups of five or six, and share learning experiences around a central LCD monitor that displays real-time images from tissue sections using a microscope/digital camera, as well as stored images.



Dr. Marc McKee

McKee's lectures are supplemented with an online e-curriculum, thanks to a Molson Foundation Educational Grant (Molson Medical Informatics Project) awarded to David Fleiszer in the Faculty of Medicine. "The project was developed initially in Medicine, but is also benefiting dentistry students," says McKee, who has been heavily involved with the electronic upgrade from the beginning. "As histology is a very visual science, we have been working with visual artists to transform the old pen-and-ink line drawings, handed down over the ages, into online images." These are colour-coded so that bone, for instance, is always the same colour in each online image the student will see throughout the eighteen-month program, regardless of the lecture. "Some images also include animations, or electronic 'builds' where we can layer one thing over another. The process has been very labour-intensive, but the result makes concepts easier to explain and understand to the students."

"It's exciting to be associated with a faculty whose members are always challenging the status quo; always searching for better ways to train our students."



Tooth development – Root formation (early)

Integration involves more than colour-coding of online images, of course. "Our courses are structured so that our students' approach to their patients reflects how clinicians in the community actually practice." says Myers. "It's very different from the discipline-based approach that was previously used in Canadian dental schools."

Marie Dagenais, Associate Dean, Academic Affairs adds, "We're trying to ease the transition between the lab and the community by turning our labs into clinical simulators and our clinics into models of everyday practice. We're simply trying to make it more realistic."

Dr. Marie Dagenais

"Sometimes a preclinical student will blow on the model's teeth to remove dust – but what happens if they do it with their patients?" smiles Dagenais. "We don't want them to develop unrealistic habits in the lab, like cutting teeth on tables, or approaching the tooth from an angle you cannot do in the mouth."

While students still receive the technical training they need, the desired outcome is not just to cut a perfect cavity on a plastic tooth but also to learn the clinical skills needed for actual practice. To ensure that students understand what they are supposed to be doing, the faculty recently equipped the preclinical lab with digital cameras and large plasma screens, and is installing a clinical demonstration unit to enable instructors to demonstrate, close-up, how instruments are used. **Samer Abi Nader**, Director of the Division of Restorative Dentistry, and the driving force behind the installation of this new equipment, is building a video library that students can consult whenever they learn a new technique. Gone are the days when 20 people had to crowd around an instructor trying to figure out how to prepare a distal box on an upper molar.

Véronique Benhamou, Director of Clinical Periodontics, is also using the new lab. Students work on pigs' jaws to practice their surgical skills before ever touching a patient. "Learning in context," as this teaching technology is called, allows a student to develop a deeper understanding of the subject in a safe environment. *(with more on the new facility, see page 19)*

The shift to a closer-to-real approach is also happening in examinations, says Dagenais: "When I was a student, we were asked theoretical questions and there would be four possible answers we would select from. Today, instead of simply describing a problem, we can show students images, and ask questions based on real-life situations." This innovation in teaching, termed "authentic evaluation," allows instructors to better gauge students' understanding, and relies less on short-term memorization skills. Technology facilitates this approach, with many examinations being given on computer. Dagenais, who pioneered this work at McGill, has been using authentic evaluations for her radiology examinations for several years.

Indeed, technology has enabled many of the pedagogical innovations, says Myers. "We are developing a digital patient record for the undergraduate clinic, which would help us to track treatment outcomes for patients, as well as ensure that students are getting the experience they need to get in order to be successful practitioners." **Jean-Marc Retrouvey**, who's innovative CD on Orthodontic Diagnosis is being used at several schools in Canada and the U.S., is now working on a new computerized Orthodontic patient database.

This initiative extends to other equipment used by students as well: for instance, the faculty is planning to introduce digital radiology, ensuring that students are conversant with the most recent technology.

Of course, technology isn't the only factor driving change. New ideas and research are also having an impact.

continued on page 4

Histology Teaching Upgrade at McGill

by Dr. Marc D. McKee

Histology at McGill – How it all began

Histology is a visual science and requires microscopes and images to teach and learn. Histology images have been traditionally provided to students and others via textbooks and atlases. Accompanying written text descriptions for histology images are the basis for understanding the microscopic structure of cells, tissues and organ systems. Hand-drawn interpretive renditions of microscopic structures give a subjective view of histology, but nonetheless they have been used for centuries ever since the earliest microscopic descriptions of cork cells in 1665, by Robert Hooke, in his famous book *Micrographia*. The artistic quality of drawings varies tremendously, but to this day their value as teaching aids is unquestionable. Histology depends on interpreting microscopic images and thus, actual photographic views of histology are absolutely necessary for both teaching and learning.

In the late 1960s, Prof. Hershey Warshawsky created a histology course at McGill that was radical in design, a regional and systems-based approach to histology. For this course, and for decades thereafter, 35-mm slides were used in medical and dental undergraduate teaching at McGill, but most of these collections have begun to fade. At this time, Profs. Charles Leblond, Yves Clermont, Hershey Warshawsky and Charles Smith, from the Department of Anatomy and Cell Biology and Faculty of Dentistry at McGill were world-renowned for their meticulous preparation of tissue samples for the recording of histology images. McGill Dentistry continues to benefit from their expertise and talent to this very day, and even more significant changes have recently taken place.

The natural affinity between today's "modern student" and computers has, once again, been demonstrated, and histology teaching, like so many other things, has benefited substantially from new technologies. With this new approach to teaching, we believe that student learning has also improved, and in future years we will be developing ways to measure the effects of our curricular changes on learning.

TRANSFORMING DENTISTRY THROUGH INNOVATION AND IMAGINATION

continued from page 3

Taking advantage of McGill's leading role in the treatment and research of pain, the undergraduate program has begun rotating students to the MUHC Pain Centre at the Montreal General Hospital. "We are probably unique in Canada in providing this training," says Myers. The Faculty was able to do this with the Director of the Centre, **Yoram Shir**, who is jointly appointed in Anesthesia and Dentistry. The students benefit from the expertise of **Eric Lessard**, a specialist in oral medicine who supervises them during this rotation. "We don't expect that after a week of rotation students will be able to treat patients with intractable pain, but they will graduate with a better understanding of pain, both theoretically and practically, and a better appreciation of their patients who experience chronic pain." The response to the new rotation has been very positive, both among students and the medical staff running the Pain Centre. "We're very proud of this new program," says Myers.

Curriculum design and program development may not be concepts that traditionally conjure enthusiasm and delight. "But the process has turned out to be very exciting," says Myers. "We're working to graduate better dentists, and to give them the best possible educational experience."

RESIDENT EXPERTISE

Many dental graduates wish to enhance their undergraduate training by undertaking a year of intensive practice in a residency program – an experience that is both intensive and instructive. "New dental graduates functioning in a clinical environment tend to climb an exponential learning curve," says **Antoine Chehade**, Chief of Dentistry for the MUHC "Our residents are exposed in a very concentrated way to challenging cases in a hospital dental setting. The experience and confidence acquired during the residency year, under the supervision of a number of members of the attending staff is generally considered to be equivalent to four or five years of private practice experience," says Chehade. "Once they leave this program, they'll be able to cope with patients with more complex medical histories and more elaborate treatment needs."

Dr. Antoine Chehade

The McGill network of dental residency programs, officially known as the Multidisciplinary Dental Training Programs, has sites at the Montreal General Hospital (MGH), the Royal Victoria Hospital (RVH), the Jewish General (JGH) and the Montreal Children's Hospital (MCH), as well as the Queen Elizabeth Health Centre. Each year, approximately 25 new trainees across the network pursue a 12-month "Post-Graduate" training program that enhances the scope of practice in different subspecialties, including oral surgery, oral medicine, pediatrics, periodontics, prosthodontics, endodontics, and orthodontics. They are also train in the delivery of general dental care to healthy and medically compromised patients.

These programs also offer emergency dental care to the public at large, as well as those people who cannot easily afford dental care. Residents or fellows are accepted to a specific institution for a one-year period. During their residency year, they are vital for the treatment of the large number of patients that visit the clinics in the McGill hospital network. Based on patient statistics from the MGH, RVH and MCH, Chehade estimates that the entire network, including the JGH and the Queen Elizabeth Health Centre receives 30,000 to 40,000 patient visits annually. This network, therefore, provides a vital dental health care service to the public of the Island of Montreal and surrounding geographic regions.

"Our residents are exposed in a very concentrated way to challenging cases in a hospital dental setting"

Each hospital setting provides a common range of experiences, but in different contexts and concentrations. "Our program at the MGH is more heavily involved with oral surgery, as the graduate program in Oral and Maxillofacial surgery is also based here," says Chehade. The dental residency program at the RVH is the second of two dental departments catering to adult patients within the MUHC. **Hilal Sirhan** plays a key role in his capacity as Associate Director of both the MGH and RVH dental residency programs. With his experience in hospital dentistry and as a former graduate of the RVH residency program, Sirhan adds the indispensable expertise of a multi-talented teacher/ clinician in the full scope of hospital dentistry, from prosthodontic expertise to dentoalveolar surgery. Chehade feels that this adds tremendous value to the resident experience by exposing them to interesting cases and preparing them for their future practices.

Dr. Hilal Sirhan

But interesting cases alone do not make a successful program. According to **Mel Schwartz**, Director of Dentistry at the JGH "It's our teachers who make us great: we have a very dedicated group of almost fifty part-time teaching staff, both specialists and general dentists, that we've developed over time; and we work hard to maintain that team." Good students are also a critical part of the mix, so each program conducts careful interviews to ensure that they select the best applicants. "I try very hard to make sure that we have highly motivated residents who want to learn, and that's the greatest gift I can give to the teachers," says Mel Schwartz. As with the RVH and MGH, the focus at the JGH is on the comprehensive learning of the different specialty disciplines.

Dr. Mel Schwartz

As program director at the Queen Elizabeth Health Centre Department of Dentistry, **Irwin Margolese** oversees a unique, non-hospital based residency-training program. This program also offers a multidisciplinary training environment for trainees who treat ambulatory patients from the local community. This program was established as an initiative in collaboration with the Faculty of Dentistry to help meet the demand for dental residency positions within the McGill Dental residency network.

Dr. Irwin Margolese

At the MCH, residents are faced with an extra challenge. "There are more dentists afraid of children than there are children afraid of dentists," says **Stéphane Schwartz**, Director of Dentistry. "When we are selecting residents, we look for people who are disciplined but not judgmental, and who want to work, adapt, learn and accept. You cannot be a cold, distant person." Children offer treatment challenges that are significantly different from those encountered with adults. "One difference is that adults choose to go to the dentist, but the child is taken," says Stéphane Schwartz. "So the first thing residents learn is to understand and respect the child. They also have to understand growing up, not only in dental and physical development but also psychologically," she adds. "And we treat children who are difficult, or delayed, or sick or disabled. There is a lot of variety. But once you know how to treat a child, you know how to treat an adult.'

Dr. Stéphane Schwartz

Each program conducts an exit survey to gauge how residents assess the training they have received over the year. "We've had very positive feedback," says Mel Schwartz. "And former residents make up an important part of our teaching staff." Residency also benefits the professionals running the programs. "I am constantly in a learning environment, surrounded by young people who are asking questions," he enthuses – a sentiment shared by Chehade. "Young graduates keep you on your toes," he says. "It makes for a very stimulating environment. Everyone who comes here takes something away that they can use in their practice, or their specialties."

THE TEACHING CLINIC OF THE FUTURE...

"The goal of a good teaching clinic is to produce an environment close to that which the students will encounter after they graduate," says Jim Lund. "We're trying to move away from using clinical instructors as simply quality control experts to having them become something much more like mentors." However, to approximate professional working conditions and to fulfill the university's teaching mandate, the Faculty needs a new clinical environment. "Our current facilities don't allow us to expand, so we have no space for offices for our clinical professors, nor for students to put on their gowns before they enter the clinic," says Lund. "In addition, we need room for sterilization centres." To address the space crunch, the Faculty is working with the University and the MUHC to plan a new clinic – which so far enjoys only a virtual existence. "The first step is to come up with the floor plan of the clinic and determine the cost," he says. "We're also investigating what sort of equipment we'll need, considering both that which currently exists and that which could become available, so that the tools we put in the clinic will be of the latest generation." A decision on the best location – whether at the Montreal General Hospital, the new Glen Yards site, or perhaps adjacent to the new site – will come later, he says. "We're still in the first stages, working with the university's planning department to come up with the initial set of plans. Once those have been accepted by the university, we can hire an architect to suggest ways that we might realize these ideas." Until the plans are more firm, no completion date can be set.

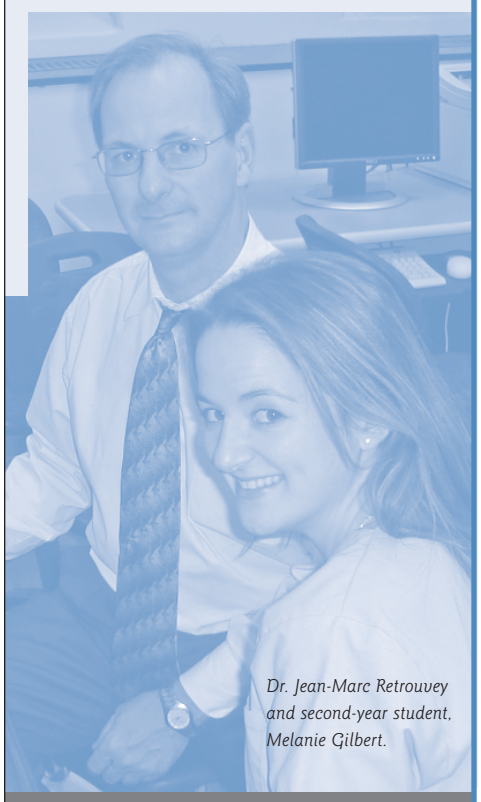
ACCREDITATION VISIT

February 2006 was a busy month as the Faculty prepared for a site inspection from the Commission on Dental Accreditation of Canada. The CDAC inspection, which takes place once every seven years, ensures that our students meet the level of competency expected of graduates of all Canadian dental schools. The preliminary report that was delivered to the Dean and members of the faculty on Friday, February 17 was very complimentary of our program. There was praise for our full-time and part-time instructors and kind words for our students as well. A final report will be issued in November.

TRANSFORMING DENTISTRY THROUGH INNOVATION AND IMAGINATION

JOIN OUR MENTORING PROGRAM!

The Faculty would like to further enhance the undergraduate experience by inviting practicing dentists to mentor its students. "We want people to share their enthusiasm and passion for dentistry, and to discuss the profession with our students," says Marie Dagenais. "We are looking for Montreal-based dentists who would be interested in meeting with a group of four or five students as professional mentors." Student groups would include one student from each year. If you are interested in mentoring aspiring young dentists and would like more information, contact Marie Dagenais at marie.dagenais@muhc.mcgill.ca



Dr. Jean-Marc Retrouvey and second-year student, Melanie Gilbert.

THE FACULTY WANTS TO HEAR FROM YOU!

"We want to evaluate the outcomes of our undergraduate program, and the only way we can improve it is by talking to the people who have gone through it," says Jeffrey Myers. "We give questionnaires to our current students, but they do not have a broad framework for evaluating the program. So feedback from practicing alumni who have a more comprehensive perspective on their education would be extremely valuable." To share your thoughts on your undergraduate education at McGill, contact Jeffrey Myers at jeffrey.myers@muhc.mcgill.ca

GRADUATE STUDIES IN DENTISTRY: TAKING KNOWLEDGE TO NEW LEVELS

"We had very few graduate students when I arrived in 1995," says **Jocelyne Feine**, Director of Graduate Studies in Dental Sciences. "Today we have a very vibrant group of almost 30 grad students. They're organized, they arrange social events, and they're represented on faculty committees and at the graduate level. It's become a very dynamic system."

Dr. Jocelyne Feine

Of course, the growth is not accidental. "We have been putting a lot of emphasis on developing graduate programs," says Jim Lund. "We decided to develop dentistry programs in parallel with those in Medicine, where the University's strengths are well-recognized." Several years ago, the Faculty launched a Master of Science program in oral biology, which has flourished, and continues to expand. This fall the Faculty will add a non-thesis Master of Science option. The current program, which requires a research thesis, receives about 50 applications annually for up to eight positions available. Creating the non-thesis MSc, as well as developing some new courses, will enable the faculty to accept more students into the master's program. "This change will benefit dentists from abroad who wish to upgrade their training, and also creates the possibility that we can begin to offer courses with university credit to dentists in practice, which will allow them to earn enough credits to get either a university certificate or a non-thesis masters degree," says Lund.

The Faculty's course selection includes some innovative options. "Each year we host a summer school offering courses, such as Communicating with Your Biostatistician, which are not taught in the traditional university setting," says Feine. "This summer, we're bringing in people affiliated with a patient advocacy group, AboutFace, which represents people who have facial differences due to birth defects, disease, injury or abnormal development. People with these differences will attend a session and speak with trainees about the kinds of problems they deal with every day. The executive director of AboutFace will give a presentation on how organizations like this one can provide crucial information to researchers on the populations' issues and needs."

The growth of graduate studies is connected to the Faculty's recent research boom. "In the last six years, we've more than quadrupled our number of grants and grant dollars, faculty publications are going up and having greater impact, and we've developed greater interaction with the Faculty of Medicine," says **Marc McKee**, Associate Dean, Research. "Active research leads to improved and updated teaching, resulting in a better learning environment as we extend our research findings to our teaching." In addition to cutting-edge research strengths in fields like oral health and society, as well as biomaterials, the Faculty is heavily involved in research projects at the Centre for Bone and Periodontal Research, the McGill Centre for Research on Pain, and the Centre for Biorecognition and Biosensors.

Dr. Marc McKee

"A real synergy has developed between Dentistry and Medicine," says McKee, who holds a joint appointment in both faculties. "The more that dentists and physicians know about each other, the better. The combined vision of deans Lund and Fuks established the Centre for Bone and Periodontal Research, which brings together approximately 30 Dentistry and Medicine researchers, mainly from McGill but also from other universities and institutions across Quebec. Graduate students benefit, as they're the ones doing the research."

"There is a huge lack of clinically trained professors to fill open positions in schools of dentistry throughout North America," Lund stresses. "But we now have a critical mass of highly trained clinical researchers, so we can train these people. They are our future professors."

"We're aiming to make research here as interdisciplinary as possible, exposing students to other areas of inquiry, even if their own work is not interdisciplinary," says the Centre's Director, **David Goltzman**, who points out that of the four major new recruits to the Centre, three – Svetlana Komarova, Simon Tran and Jake Barralet – are from Dentistry. The Centre's next new hire will hold a joint appointment in Medicine and Dentistry.

Dr. David Goltzman

All of these areas are attracting graduate students – and increasingly, these students are working at the doctoral level. While Dentistry does not have a formal PhD program, it does have about a dozen students pursuing adhoc doctoral programs. Interested students are approaching the consistent numbers needed to turn the PhD into a program with its own designation. "Our emphasis is on training clinicians at the doctoral level," says Lund. The faculty requires professors with science degrees, teaching basic and applied science and doing research in areas like bone and tooth biology or microbiology, and professors with dental or medical degrees who may be doing basic sciences but are often involved with clinical research. Both types of researchers are critical to the intellectual vitality of the faculty, but the latter are especially rare birds. "There is a huge lack of clinically trained professors to fill open positions in schools of dentistry throughout North America," Lund stresses. "But we now have a critical mass of highly trained clinical researchers, so we can train these people. They are our future professors." Indeed, some McGill graduates are already on faculty, and another is at the Université du Québec à Montréal. "Many of the clinicians in the program have already received specialist training from elsewhere, some are general dentists and others are physicians. If they could get parallel clinical training – say in our oral-maxillofacial surgery program – we could give them the research background so that they could become the next generation of professors."

The Faculty's emphasis on graduate studies is not only changing the face of dentistry at McGill; the clinician-researchers, graduating in increasing numbers, will also affect professional training in Quebec and across Canada.

Graduate students; (l-r) William Addison, Hadil Al-Jallad and Yukiko Nakano.

TRANSFORMING DENTISTRY THROUGH INNOVATION AND IMAGINATION

NEWCOMERS

TEACHING STAFF PROFILES

DR. SAMER ABI-NADER
Pre-clinical Revolution

Dentistry students spend their first year and a half taking courses with medical students. When they begin full-time studies in dentistry, their first experiences include pre-clinical education, which involves the basic concepts of dentistry and oral biology, as well as some training in pathology and reconstructive practice. That's when they meet Samer Abi-Nader, who coordinates the pre-clinical program. "In the six months I have them, my job to get them to understand basic dentistry and to replicate procedures on a manikin. When they arrive, they still know nothing about dentistry. They're like anyone else – they recognize the smells of the dentist's office, but that's it. So the exciting part is making sure they have a foundation they can build on – and that they aren't dangerous with the equipment."

Abi-Nader is making some dramatic innovations to the way students acquire this fundamental knowledge. "Students used to learn from books and pictures, but dentistry is a visual field. We're working with our hands," he says. "And if a picture is worth a thousand words, a movie is worth a million." He has filmed countless demonstrations, and is upgrading the preclinical lab to use these films in helping students understand what they should be doing. In addition, he is incorporating real-time video-casting technology in the lab. "The professor can sit before the camera demonstrating a procedure, which will then be shown on a huge screen that everyone can see clearly – just like at a U2 concert."

"The job requires passion and creativity," he says. "But there is lots of variety: from the office – working on your own to develop new ways of teaching – to the classroom, where students give you lots of feedback. It's very rewarding."

DR. NGOC TUAN DINH
Ambrose Professor

Last summer, Ngoc Tuan Dinh completed his specialty training in prosthodontics at the University of Toronto, where he is currently an assistant professor. In July 2006, though, he will return to his home town of Montreal to become the first holder of the Dr. Ernest R. Ambrose Clinical Professorship in Restorative Dentistry (alumni have contributed over $600,000 to help support this position). His new responsibilities will see him teaching dental students the latest in prosthodontics, particularly oral implants, as well as the staples like crowns, bridges, dentures and cosmetic dentistry.

After graduating from dental school in 1999, Dinh worked in private practice and also did a one-year internship at St Peter's Hospital in Albany, New York, where he was stimulated by prosthodontic work. "It's an interesting specialty, with lots taking place. Oral implants are the hottest topic in dentistry today – there's an article published in professional journals every week. Implants represent the future of this field for the next 30 years," he says. "In addition, prosthodontics is well suited to my personality and temperament."

Dinh's new position combines his clinical and pedagogical interests. "I've always wanted to teach, and being a prosthodontist has helped make that possible," he says. "I find teaching very refreshing and satisfying. I enjoy the challenges. Some students are very good, others less so, but you have to reach them all."

DR. SIMON TRAN
Researcher, Clinician and Teacher

Simon Tran's research has drawn plenty of attention. In 2003, the team in which he was working at the National Institute of Dental and Craniofacial Research (NIDCR) in Maryland reported that they had transplanted adult stem cells into the blood of subjects, and that these cells had then differentiated into cheek mucosa cells; previously, scientists had believed that adult stem cells would not transdifferentiate. Today, Tran continues his research into adult stem cells and soft tissue replacement, working on ways to repair tissues damaged by periodontitis. In addition, he has received funds from the Canada Foundation for Innovation to explore the use of stem cells to replace salivary glands destroyed by chemotherapy. He is also a member of the Centre for Bone and Periodontal Research.

But his research activities hardly tell the whole story. Originally from Montreal, Tran pursued doctoral research in oral biology at the University of Minnesota, after completing dentistry at the Université de Montréal. He came to McGill in 2004 after his post-doctoral research at the NIDCR. These days, he balances teaching, clinical work and research.

"I'm in the clinic, teaching third and fourth year students periodontics, especially that having to do with gum diseases," he says. Over the years, Tran has experienced the full range of teaching. "I had high school students working with me on summer research at the NIDCR, and here I'm working with undergraduate as well as graduate students, post-doctoral fellows and visiting professors from other institutions." Two of Tran's current graduate students are dentists working on doctoral research; a third is an immunologist. "I truly enjoy sharing my interests," he says. "I want to help people to understand the field and get them involved."

DR. TOM WHITE
Curricular Reconstruction

As the new coordinator of undergraduate education in Oral and Maxillofacial Surgery, Tom White is working hard to ensure that McGill's curriculum keeps up with the latest innovations. "Things have changed over the years, and certain procedures in the curriculum may be out of date," he says. "For instance, we used to worry about making sure the patient had enough bone to put a denture in their mouth, whereas now we're often concerned about whether there is enough bone for an implant. The curriculum has to reflect these new considerations." White is also planning to put oral surgery lectures on the web and to re-evaluate how the Faculty evaluates students after their two weeks with the oral surgery unit at the MGH.

In addition to teaching undergraduates, White works with the general practice residents during their oral surgery rotation and with oral surgery residents. "I'm staying busy with the residents, supervising their clinics, seeing patients for follow-up, working with them in the operating room, and running teaching rounds for them each week."

The Undergraduate coordinator position was created this summer, and White began in July, immediately after completing his own oral surgery residency. His closeness to the resident life gives him added empathy when dealing with both general practice and oral surgery residents. "I remember clearly how stressful and intense it was, so I'm trying to find ways to improve their experience. And while I don't have the background of some of the other staff members, I'm not hesitant to say "We should discuss this with someone else if I don't know the answer to something. It's a good way to teach the residents, and I'm gaining experience as well."

Research Matters

Faculty attracts world-class visiting professors

By Dr. Mari Kaartinen, Assistant Professor

The Faculty of Dentistry runs a semi-weekly research seminar series at which our Dentistry professors and other world-renowned researchers are invited to present their most recent research findings. These exciting talks, which are open to all, are routinely posted on our website (www.mcgill.ca/dentistry/) and are attended by academic staff, clinicians, students and anyone with an interest in the subject. Over the past two years, we have hosted distinguished speakers from four different continents speaking on the fields of periodontology, bone biology, pain and neurology, biomaterials and epidemiology. An inaugural memorial seminar by Dr. Hervé Le Moual, whose interest in microbiology recognized the outstanding research legacy of the late Professor Eddie Chan, was held October 13, 2005. The Professor Eddie Chan Seminar will be held annually.

In addition to research talks, the seminar series also runs as a course on research for graduate students enrolled in the Faculty. The course content includes lectures on topics such as academic integrity, responsible conduct of research, and scientific writing and publishing. With the assistance of the staff of the McGill Health Sciences Library, we also offer workshops on information literacy and reference manager literature citation software programs. At right, is a list of speakers who have been invited to present talks in the faculty seminar series in the 2005-2006 academic year.

Faculty of Dentistry Seminar Series **The Past Year in Review**

Dr. JARO SODEK *(CIHR Group in Matrix Dynamics, Faculty of Dentistry, University of Toronto, Ontario, Canada)*
"Meet the SIBLINGs — A dysfunctional family"

Dr. BRUCE BAUM *(Chief, Gene Therapy and Therapeutics Branch, National Institute of Dental and Craniofacial Research, National Institutes of Health, Bethesda, Maryland, USA)*
"Salivary glands as a potential target tissue for gene therapeutics of systemic single protein deficiency disorders"

Dr. HERVÉ LE MOUAL *(Faculty of Dentistry/Faculty of Medicine, McGill University, Quebec, Canada)*
"Recognition of the host immune system by bacterial pathogens" (Dr. Eddie Chan seminar)

Dr. KEN HARGREAVES *(Chair, Department of Endodontics, University of Texas Health Science Center, San Antonio, Texas, USA)*
"Mechanisms regulating trigeminal pain"

Dr. BARBARA TAYLOR *(Department of Periodontics, Sydney Dental Hospital, Sydney, Australia)*
"Your heart in your mouth: Evidence for causation and association"

Dr. RAJ GOPALAKRISHNAN *(Department of Diagnostic and Biological Sciences, School of Dentistry, University of Minnesota, Minneapolis, USA)*
"PTH-regulation of Matrix Gla protein in osteoblasts"

Dr. ANDREA SAWCZUK *(National Institutes of Health / National Institute of Neurological Disorders and Stroke, Bethesda, Maryland, USA)*
"Grantsmanship — Key to navigating the review process"

Dr. MARIAN YOUNG *(National Institute of Dental and Craniofacial Research / National Institutes of Health, Bethesda, Maryland, USA):*
"How can animal models help us understand osteoarthritis?"

RESEARCH DAY AND TABLE CLINICS EVENING
Keynote speaker: **Dr. LAWRENCE TABAK** *(Director of the National Institute of Dental and Craniofacial Research, National Institutes of Health, Bethesda, Maryland, USA):*
"Facing the challenge: A systems approach to oral biology and health"

Dr. PETER COONEY *(Chief Dental Officer of Health Canada, Ottawa, Ontario, Canada)*
"Oral health in Canada"

Dr. MARY McNALLY *(Faculty of Dentistry, Dalhousie University, Halifax, Nova Scotia, Canada)*
"The Nova Scotia Oral Health of Seniors Initiative: Creating pathways to better health"

Dr. UWE GBURECK *(Dept. of Functional Materials in Medicine and Dentistry, University of Würzburg, Germany)*
"Low temperature powder printing of calcium phosphate bioceramics"

Dr. LYNDA BONEWALD *(Department of Oral Biology, School of Dentistry, University of Missouri, Missouri, USA)*
"Osteocytes as dynamic not passive cells"

RESEARCH PROFILES

Dr. Christophe **BEDOS**

WHEN WORLDS COLLIDE

When professional and social worlds interact, the consequences can be baffling — but Assistant Professor Christophe Bedos is working to clarify them. His research has shown that poor people, especially welfare recipients, tend to reject the dental system, waiting until they are in tremendous pain before going to the dentist, even though they have free access. "One of their problems lies with their direct interaction with dentists," says Bedos. "They are critical of professionals, and often think that we're only in it for the money and don't care about the people we're treating."

Bedos began his career in France, working both in a private clinic and with Aide Odontologique Internationale, an organization developing dental care systems in poor countries, through which he ran a project in Burkina Faso. He came to Montreal to study community health, completed his graduate studies at the Université de Montréal, and was awarded a post-doctoral fellowship at McGill in 2000. Bedos joined the Faculty as a professor in 2003. Over the past decade, his research focus has shifted from dental services in developing nations to those for the poor in wealthy countries like Canada.

In some sense, the solutions are deceptively simple, although challenging. "We need to be open to what people feel, and to respect them. When we impose solutions, it doesn't work. In addition, our students — and our dentists — must be able to communicate with people from different backgrounds. Being a dentist is more than being a technician, so in my teaching I try to stress the social part of the exchange in the clinic," he says. "I would really like to get dentists and welfare recipients at the same table. People need the tools to understand each other."

Dr. Haissam **DAHAN**

RESEARCHING McGILL DENTISTRY

A year ago, Haissam Dahan was a dentistry student learning his skills from McGill professors. Today, he is researching the interplay between undergraduate students, their professors, and the body of knowledge that comprises the dentistry program.

"Each generation of students says their class had it hardest in school," he says. "But while lots of studies confirm that dental school is stressful, no one has done research on implementing changes." Dahan's two-part project, supervised by Professor Christophe Bedos, involves both an inquiry into the anxiety-producing elements of the dentistry education and the actual implementation of change to alleviate some of this stress.

"McGill has a very student-oriented faculty, but there is always room to improve. Currently students are involved with committees, and there is an exit survey where their opinions are collected so they can be incorporated into decision-making," he points out. "Even my research is an extension of the Faculty taking student concerns to heart — the idea came from students." Dahan has run focus groups with graduating students, to learn more about the challenges posed by the undergraduate program.

In addition to his graduate work, Dahan is also toiling part-time as an associate in an Ottawa clinic. When he finishes the two-year master's program, he'll decide whether to go into practice or continue with research. But even if he does go into practice, the call of the campus will probably remain strong. "I would like to go into research eventually," he says. "Perhaps something to do with public health or dental education."

Dr. Shahrokh **ESFANDIARI**

TECHNOLOGY TRANSFER

For more than a decade, Shahrokh Esfandiari has run successful dental practices on the West Island of Montreal, but a few years ago he began downsizing. "I knew I wanted to do more research, as I was really intrigued by it," he says. So he enrolled in Dentistry's MSc program to pursue clinical research under Jocelyne Feine, and switched after a year to the adhoc PhD program. He is now nearing completion of his research on knowledge and technology transfer in oral health. Esfandiari is also accepted into a very competitive MSc program in International Health Technology Assessment and Management, at the Université de Montréal, which he will complete at the same time as his PhD. Working with patients and clinicians, Esfandiari is assessing the different factors involved when trying to introduce dental implants.

Economic analysis of new technologies is critical if it is to be adopted broadly, he says. "New technologies have to be studied thoroughly to be presented as new models of care. With the right evidence we can go to policy makers, who aren't always in tune with the latest research, and argue for the use of these technologies." Clearly, carrying out health technology assessments demands not just a good understanding of the research and the evidence, but also a solid grasp of economic impact, and Esfandiari's training has included plenty of graduate-level economics courses. "Health technology assessors are supposed to be aware of the latest research and its social and economical implications. They can produce reports that are extremely beneficial to researchers, to health care providers, to health policy-makers and ultimately to end users," he says.

"Health technology assessment is on the rise throughout the world and oral health is lagging behind," he says. "I hope my acquired expertise will help to put oral health back on the map. I strive to be a successful clinician scientist and I hope to improve oral physicians' attitudes in adopting new oral health technologies."

Dr. Svetlana **KOMAROVA**

UNDERSTANDING OSTEOCLASTS

Osteoclasts are highly active cells whose sole function is to destroy bone — and they are a source of great interest to Svetlana Komarova, an assistant professor based at the Centre for Bone and Periodontal Research. The work performed by osteoclasts can be productive — such as creating a channel for tooth to erupt — but it can also lead to diseases like osteoporosis, arthritis and periodontitis.

"We're trying to understand what happens within these osteoclasts; for instance, what changes occur when the cell is activated — or, for that matter, inactivated," she explains. Osteoclasts are challenging research subjects, as they don't proliferate in cultures. So Komarova is using high-speed imaging of live cells, as well as gene expression analysis in her research into the mechanics of osteoclast activity. She is also working to develop a mathematical model describing interactions of osteoclasts with other cells in the bone. A further project, in collaboration with Dr. Peter Siegel, a researcher in Medicine, explores cellular interaction to determine how cancer cells may affect osteoclasts. "We're trying to determine what conditions are necessary for the system to stay in balance, and what conditions will feature an overproduction of osteoclasts," she says. "If we know how it works, we can find out how to control it."

Komarova received her doctorate in biophysics from the Institute of Theoretical and Experimental Biophysics in Pushchino, Russia, and completed post-doctoral work at the NASA Ames Research Centre and with the Skeletal Development and Remodeling Group at the University of Western Ontario before coming to McGill in 2004. "McGill provides a very good environment," she says. "This is one of the best places to be for bone researcher."

Dr. Mark **THOMASON**

INTERNATIONAL BRIDGES

"Looking at somebody's data can be rather like going through their laundry. You find the nice pieces, but also the ones with holes," says Mark Thomason, Chair of Prosthodontics and Oral Rehabilitation at the University of Newcastle in England. So when a conference meeting led Professor Jocelyne Feine to invite him to Montreal to work with her, he approached it with anticipation and just a little trepidation. "You never know what will happen," he says. "It was very generous and trusting of Jocelyne to invite me." Thomason spent more than three months in Montreal in mid-2002, and has returned each year since. "We hit it off wonderfully, and the experience was infinitely better than I could have anticipated. While Jocelyne and I were running in similar directions before our collaborations, now we're running as a team and exploring new directions together. Coming with similar interests from different places, we have been able to think in new ways that we could not have conceived of on our own."

Thomason's research deals with edentulous patients, measuring patient satisfaction with treatment and the impact of their condition on their quality of life. "At the end of the day, success depends on what the patient thinks of the treatment, particularly for a chronic condition like edentulism," he says. The research has resulted in a range of published manuscripts, as well as joint grants from the Canadian Institutes of Health Research (CIHR), industry and research charities. And the University of Newcastle has now received funding from the UK's Medical Research Council, at least partly as a consequence of the McGill collaborations.

This past November, funding from the CIHR enabled the Newcastle nutrition team — Thomason, three other clinician-scientists and a nutritionist — to visit McGill to share information with Dr. Feine's team of nutritionists, dieticians and clinician-scientists, including Drs. Jose Morais and Katherine Gray-Donald. This has resulted in a new grant proposal and another manuscript. "We're planning to send other members of our team to McGill University, and are also hoping to bring people from McGill to Newcastle," says Thomason. "The experience has been wholly positive. This collaboration has allowed me to travel in a direction I didn't think possible, at a speed I wouldn't be able to manage otherwise."

Faculty Highlights

FACULTY AWARDS

Dentistry's Outreach Program and the Ambrose Campaign Receive Silver Medals!

Move over Olympics and make way for CCAE! At the recent annual awards program of the Canadian Council for the Advancement of Education, which recognizes achievements in alumni affairs, public affairs, development and overall institutional advancement, **the McGill Dentistry Outreach Program** received the Silver Award in the Best Community Outreach Program category. Furthermore, in the same awards program, the **Dr. Ernest R. Ambrose Clinical Professorship in Restorative Dentistry Campaign** received the Silver Award in the Best Development Program category.

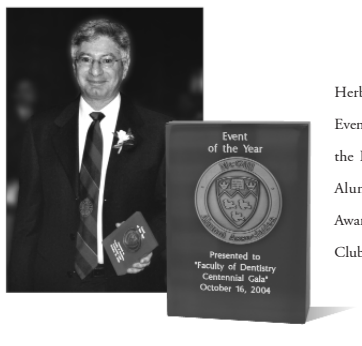
Dentistry holds *Best Event of the Year!*

Health professionals or party planners? Well, last year Dentistry alumni and staff wore many hats while organizing Dentistry's elegant Centennial Gala to celebrate 100 years of Dentistry at McGill.

The McGill Alumni Association's Honours and Awards banquet, held on May 19, 2005, paid tribute to the year's most outstanding volunteers among McGill graduates, friends, faculty, students and staff.

The McGill Alumni Association presented the Faculty of Dentistry with the Event of the Year Award, for the Centennial Gala held on October 16, 2004. Dr. Herb Borsuk (below), Chair of the Centennial Organizing Committee, accepted the award on behalf of the committee and volunteers: Amy Archaumbault, Eileen Borsuk, Olga Chodan, Carol D'Souza, John Drummond, Robert Faith, Mary King, Taras Konanec, Debbie Larocque, James Lund, Mike McHugh, Nick Makhoul, Paul Morton, Wendy Schilling, Nikoo Taghavi, Don Taylor, Leigh Taylor, Marnie Taylor, Andrew Toeman and Susan Young.

McGill | McGill University Faculty of Dentistry



Herb Borsuk, DDS'72 accepting the Event of the Year Award on behalf of the Faculty of Dentistry at the McGill Alumni Association's Honours and Awards Banquet held at the Saint James Club on May 19, 2005.

McGILL DENTISTRY OUTREACH PROGRAM UPDATE

Mission:

- To work directly and creatively with the Montreal community to provide free, basic dental care to people who cannot access private care because of financial hardship or physical or psychological disability.
- To train student dentists in delivering care to a population with needs different from those who regularly attend private dental offices.
- To support volunteerism in its truest sense by bringing together professional dentists, student dentists, and community and student volunteers to help those who could not otherwise access dental care.

The McGill Outreach Program eliminates the financial barriers by providing free basic care and reduces psychological stressors by setting up mobile dental clinics in community centres that are familiar sites for patients.

Volunteers:

- Third- and fourth-year dentistry students provide clinical treatment.
- First-and second-year students assist.
- Pre-dent students and prospective dental students run the clinic.
- Dentists and the Cote St. Luc Emergency Medical Service volunteer time and expertise at each clinic.
- A management committee composed of Nicolas Carpentier, Bruce Dobby, Debbie Larocque, Yu Kwong Li, Jim Lund, Rona Miller, Warren See, Judiann Stern, Aki Tchatikov and Susan Young.

Student volunteers

(l-r) Volunteer Anne Sandoe and students Mamta Mehra and Andre Shenouda.

The Outreach Program has been integrated into the curriculum as part of a mandatory course entitled Community Dental Clinics. All dental and pre-dent students participate in the clinics. Pertinent didactic material is presented during lectures and tutorials.

Clients:

- Clients are referred to the program by 25 community groups and agencies in the Montreal area.
- Clients include those who are homeless, elderly, physically and/or emotionally disabled or recent immigrants.

Agencies:

The Action Centre, Benedict Labre House, Centres Jeunesse, Chez Doris, Good Shepherd, L'Abri en Ville, Le Bon Dieu dans la Rue, Maimonides Geriatric Foster Home, Madame Prend Congé, Montreal Association for the Blind, Montreal Buddhist Community, Montreal Chinese Hospital, Norwood Seventh Day Adventist Church, The Old Brewery Mission, Santropol Roulant, Sun Youth, Teen Haven and The Yellow Door.

Volunteer clinician Dr. Tony Iannella and students Jennifer Yee and Liang Zhao chat with Outreach patient.

(l-r) Program Coordinator Judiann Stern plans a next appointment for third-year student, Jason Zylbering's Outreach patient.

Results:

- In 2004-05, a total of 372 patients received treatment at 18 clinics.

Volunteer Dr. Matthew Mailloux helps students with supplies.

Testimonials:

Giovanni, a 16 year old patient, was treated during several clinics and received treatment that would have cost $745. His mother is unemployed and could not afford any dental care for him. In her words, "At first Giovanni was afraid to see a dentists, but no longer is. He smiles confidently and is happier. He is now motivated to brush his teeth and takes pride in his oral health."

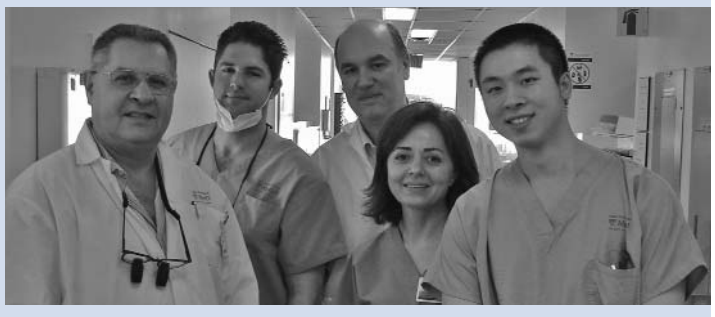
Fourth-year dentistry student, Karen Stallaert, says "The Outreach Program gives us a chance to see different types of patients – perhaps people we wouldn't treat in a regular practice. It also reminds us of the importance of making a contribution to the community."

Volunteers: The Driving Force

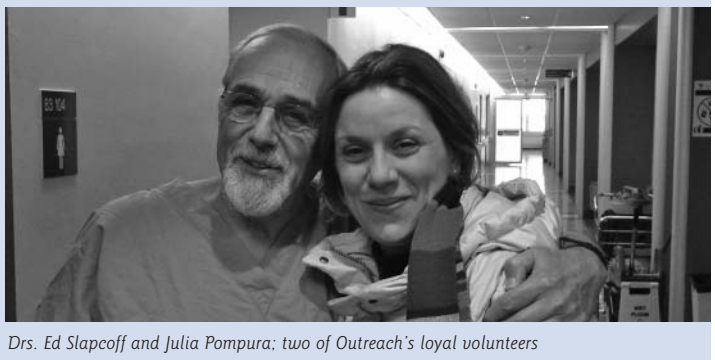
The Dentistry Outreach Program is one of a kind, and is a vital part of the McGill and Montreal Community. The Faculty would like to acknowledge **the volunteers** who make this program possible.

Bruce Dobby, Co-Director
Yu Kwong Li, Co-Director
Judiann Stern, Coordinator
Susan Young, Secretary

Volunteer Clinicians, Hygienists, Nurses and McGill Staff:
Amy Archambault, Michael Beigleman, Tibor Bertalan, Joanne Chouinard, John Fong Chong, Romantha Descartes, Louise Desnoyers, Satwant Dhanoa, Christine Fambely, Wendy Fox, Nicole Guedon, Laura Iannella, Tony Iannella, Nancy Kaplan, Taras Konanec, Christine Koran, Debbie Larocque, Dominique Lemieux, Alison Leung, Matthew Mailloux, Bernard Mayantz, Mike McHugh, Stephanie Ment, Mitch Miller, Debby Mongeon, Paul Morton, Julia Pompura, Anne Sandoe, Nasrin Salamati, Wendy Schilling, Blair Schwartz, Ed Slapcoff, Valerie Suppa, Daphna Vermes, Randy Waks and Christine Wong.



Volunteers and students work hard at an all-day Saturday Outreach clinic. (l-r) Dr. Tibor Bertalan, Patrick Fiore, Dr. Tony Iannella, Nasrin Salamati and Nghe Luu.



Drs. Ed Slapcoff and Julia Pompura; two of Outreach's loyal volunteers

Faculty Highlights

Outreach is a Model for Public Health Around the World

By Dr. Paul Allison, Associate Professor, Faculty of Dentistry,Director, Division of Dental Public Health

One of the events at the prestigious FDI International Dental Congress, held in Montreal in August 2005, was a meeting of international Chief Dental Officers (CDOs). Dr. Peter Cooney, the Canadian CDO, who hosted the Congress, contacted me to see if there were any McGill Faculty of Dentistry programs in place that would be of particular interest to his group.

I suggested the Faculty Outreach Program and, with the help of the program coordinator, Judiann Stern and her team, a special clinic was arranged for the visiting CDOs. The Chinese Hospital site was chosen because of its close proximity to the Palais des Congrès, where the FDI meeting was based.

I began the evening with a presentation to the

Judiann Stern, left, welcomes the international CDO's.

approximately 50 CDOs gathered at the Palais des Congrès. I outlined the development and management of the Outreach Program before accompanying a group of 25 CDOs to the Chinese Hospital, where the Outreach clinic was already under way. Judiann Stern and Drs. Bruce Dobby, Kwong Li and Louise Desnoyers took the CDOs around the clinic in small groups and answered questions about the clinic's organization, equipment, infection-control methods and other elements of the work done in the clinic. The CDOs were very impressed, and many showed particular interest in the portable equipment and the types of treatment provided, and how they might be used to set up similar programs in their own countries. The entire evening was thoroughly enjoyed by all CDOs, even those from South America who spoke only Spanish. Fortunately, Dr. Louise Desnoyers stepped in, using her excellent Spanish language skills to their fullest advantage!

Dr. Peter Cooney expressed his gratitude to the Faculty for having scheduled the clinic for his guests, and declared that he was highly impressed by the Program. This successful event earned kudos for the University and the Faculty, as well as the Outreach Program itself. We had the privilege of hosting an international audience and meeting the new CDO for Canada, all of whom went away very impressed with the Outreach Program's contribution to the local community. This was another occasion in a long line of events recognizing the outstanding work of the Outreach team.

(l-r) Judiann Stern, Dr. Peter Cooney, Dean Lund, Dr. Bruce Dobby, Dr. Louise Desnoyer, Dr. Yu Kwong Li and Dr. Paul Allison.

ABOVE & BEYOND THE CALL OF DUTY
STUDENTS FUNDRAISE FOR OUTREACH PROGRAM

Through various fundraising events this year, students from all four years of the dentistry program raised more than $12,000 towards the Outreach Program. Their dedication is wholehearted, and their efforts tireless. Congratulations to all students, for proving that dentistry truly has a heart!

A "Swedish" Outreach Fundraiser

By Karen Stallaert

The Dental Students' Society organized two fundraisers at Montreal's IKEA store during the weekends of March 5 and November 26, 2005. All students worked at the store checkouts, tirelessly packing and wrapping, while accepting donations for the Outreach Program. In November, the students raised $2,778 in donations, a little more than the $2,600 they raised at the first event in March.

(l-r) Students Aubri Marchand, an IKEA employee, Jennifer Kim and Nicole Nicolas show their support.

The weekend at IKEA was not only an economic success but also it was a great way to raise awareness of the McGill mobile dentistry program. Many shoppers, among whom were McGill alumni, were impressed by our community program and by the fact that McGill's dental students were not only involved in providing its services but also in fundraising and promoting the program.

Outreach coordinator, Judiann Stern, also participated in the bag-packing event and advised students that the money raised would contribute to the purchase of instruments for the mobile units. Traditionally, students have brought their own hand instruments and hand pieces to mobile clinics but, as of fall 2005, Outreach has raised enough money to purchase its own equipment. Congratulations Outreach team!

(l-r) Student volunteers Eugenie Daignault, Andre Shenouda, Sherri Leung, Garrick Liang and Karen Stallaert take a well deserved 'ice cream' break.

Surviving More Than Exams

Fourth-year students Nghe Luu and Jimmy Chen organized a *Survivor* pool, for staff and students, which raised $635 for the Program. Keeping track of each episode of the popular reality show "Survivor," participants were challenged to pick the likeliest winner of the contest.

Golfing for a Cause

On Saturday, July 23, 2005 fourth-year student Derek Maheux organized a student golf tournament at Dorval Golf Club. Proceeds of $50 were donated to the Program.

CDA Lunch Leftovers

The Program benefited from a $200 gift in surplus funds from the Canadian Dental Association Dentistry luncheon.

Candy-Grams for the Community

By Tamara Finkelstein

It is not very often that the dental community encourages the consumption of sweets, but this time it was for a good cause. In October 2005, third-year student Tamara Finkelstein organized a Hallowe'en Candy-Gram, which was sponsored by the Alpha Omega Dental Fraternity. Through this initiative, $200 was raised, with proceeds going to the Outreach Program. In February 2006, Tamara teamed up with classmate Lindsey Jakobovic and organized a Valentine Candy-Gram which raised $340 for the same cause. This event was sponsored by the Class of 2007.

Third-year student Rachel Kanthavel finds a Candy-Gram in her mailbox.

True Holiday Spirit

During the holiday season, a few of the third-year dental students took action to bring good cheer to others by donating $200 towards the Outreach Program. Thank you Lindsay, Colette, Jaime, Jeff, Jason, Margaret, Steven, Rachel, Ilana, Yohan, Nicole, Sylvie, Shaomo and Martin for reminding us what true holiday spirit is all about.

Year of the Dog Celebration

By Naima Liamani and Patsy Yip

The tradition of the Chinese New Year Outreach fundraising dinner entered its third year, on February 6, 2006. More than 280 diners feasted on a 10-course meal, and participated in a silent auction and a raffle. With the help of many sponsors, including Scotia Bank, GUM/Butler, 3M, Heine, we raised $5,215 for the Outreach Program. These charitable efforts enable the volunteers to continue providing free dental care to the underprivileged in the community.

(l-r) Dinner Organizers: Naime Liamani, Patsy Yip, and Joanna Mok.

(l-r) Drs. Michael Wiseman, Bruce Dobby and Yu Kwong Li enjoy the evening's New Years festivities.

THANK YOU!

The Faculty wishes to express its sincere appreciation for the many gifts it has received over the past year in support of the Outreach Program. This Program represents a key priority within the Faculty and private gifts remain its major source of funding. Of particular note are the significant contributions from the following foundations: **The George Hogg Family Foundation** has been a longstanding supporter of the Program and was one of the first major donors to come on board and help us launch the program. In addition, we are proud to recognize a first-time gift from **The J.W. McConnell Family Foundation**. They very generously contributed to the purchase of equipment that will enable the Program to extend its patient base. THANK YOU TO ALL!

Faculty News & Notes

SPREADING THE WORD

McGill Dentistry Graduates Honoured

Congratulations to **Geoffrey Smith**, **DDS'77** and Faculty member, **Dr. Stéphane Schwartz**, who received fellowships with the Royal College of Dentists.

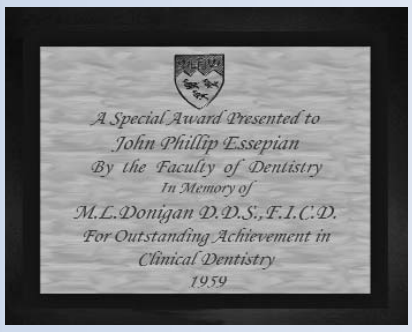
Congratulations to **Marvin H. Steinberg**, **DDS'72**, who was awarded a fellowship in the Academy of Dentistry International at the Annual Meeting of the Canada Section in August 2005.

Dentist and Author

C.G. Brodie-Brockwell, **DDS'48**, is following up his second book, *Migraine, The Causes and Treatment*, with a third book.

A Bit of McGill Nostalgia

Thank you to **John Essepian**, **DDS'59** for sharing with us a piece of McGill history. This plaque was presented to John in 1959 upon his graduation, to recognize his outstanding achievement in clinical dentistry.



Students Take Part in McGill's Centraide Campaign

For years, McGill staff members have been raising funds for Centraide, an organization that finances a network of community agencies and projects in the greater Montreal area. **Louis Touyz**, Director of Periodontics at McGill and a longstanding Centraide supporter, rallied dentistry students to take part in this worthy project. Fourth-year dentistry students raised $220 for the cause. Janet Arts, Chair of the 2005 McGill Centraide Campaign, says "I believe that when we see students participating in efforts such as Centraide, we can rest assured that the future is in good hands. Their concern for those most vulnerable in our society is heartening."

IN RECOGNITION OF FACULTY ADVISORY BOARD CONTRIBUTIONS

The mandate of the Faculty Advisory Board is to assist the Dean in promoting the mission, plans and priorities of the Faculty. As representatives of the communities that the McGill Faculty of Dentistry seeks to serve, members of the Advisory Board can be of invaluable assistance to the Dean in achieving faculty objectives by providing a link to both internal and external constituencies. The main functions of the Board include academic consultation, Faculty, fundraising and promoting effectiveness and growth.

The Faculty of Dentistry is privileged to have a remarkably effective, dedicated and active Board that is comprised of two groups that link the faculty to both internal and external constituencies.

The **Business Group** is made up of individuals from outside the Faculty who represent the external community, and who have the ability to attract major gifts in support of Faculty priorities. This distinguished group includes Alan Edwards, the Louise Edwards Foundation, Charles Kaplan, BCom'69, the VP and General Manager of AstraZeneca R&D Montreal, Arthur Lau, BArch'62, R. Storrs McCall, BA'52, Keith Petrovsky, president Thermo King Canada, Chris Winn, BCom'66 and VP (finance) of Miralta Capital Inc., and Pierrette Wong, President and CEO of Ital Wong Fashion.

(l-r) Prof. R. Storrs McCall, Alan Edwards, Pierrette Wong, Arthur Lau, Dr. Robert Faith, Dean Lund, Christopher Winn, Dr. Herb Borsuk and Keith Petrovsky.

The **Dental Group** is made up of Faculty of Dentistry graduates who have demonstrated a very strong commitment to the mission and priorities of the faculty, and are highly respected professional members of the dental community. This very special group includes David Blair, DDS'73, Robert David, DDS'62, Bruce Dobby, DDS'81, and Don Taylor, DDS'66. The Faculty is pleased to announce two new members to the Board - Tony Iannella, DDS'88 and Christine Koran, DDS'00.

(l-r) Dr. David Blair, Debbie Larocque, Dr. Don Taylor, Dr. Herb Borsuk, Dr. Robert Faith, Dr. Christine Koran, Dean Lund, Dr. Tony Iannella, Dr. Bruce Dobby.

Both groups are led by one chairperson, and we are very fortunate to have recently recruited Herb Borsuk, DDS'72 to this position. Herb replaces Robert Faith, DDS'58, who served the Board with great passion, enthusiasm and dedication over the course of his ten years as chair. The Faculty takes this opportunity to thank Bob for his tremendous contributions and welcomes Herb who will continue with the same strong commitment to the faculty and the community.

CONTINUING DENTAL EDUCATION AT ITS BEST!

The Faculty of Dentistry's Continuing Education Committee would like to thank the generous sponsors of our CE Program.

Endodontic Update

An all-day Continuing Education Course was offered in endodontics on February 3, 2006. Organized by Dr. Herb Borsuk and chaired by Dr. Fredrick Muroff, the course drew on the knowledge of specialists in the field and provided attendees with updated information in endodontics. Speakers and their topics were:

Root Canal Obturation: Why, How and With What?; Speaker: Herb H. Borsuk, DDS'72 (McGill), MScD, Cert. Endo (Boston), FRDC(C), FICD, FACD, FADI.

Intracanal Irrigants and Medicaments - The Past Meets the Future; Speaker: Stacey Abrams, DDS'00 (McGill), Cert. Endo (Boston), FRCD(C).

Concepts and Rationale of Root Canal Preparation; Speaker: Michael Auerbach, DDS'74 (McGill), MScD.

Ultrasonic Tips: Uses in Edodontics: Speaker: Gerald Sohmer, BSc, DDS'85 (McGill), Cert. Endo (Boston), FRCD(C).

Doctor, Can You Save This Tooth?; Speaker: Raphael Garofalo, DDS'98 (McGill), Cert. Endo (Nova Southeastern), FRCD(C).

Endodontic Retreatment: Speaker: Maryse Bertrand, DMD (Université de Montréal), Cert Endo, FRCD(C).

Root Resorption: Speaker: Lisa Kozloff, DDS'00 (McGill), Cert Endo, FRCD(C).

(l-r) Drs. Robert David, Michael Auerbach, Maryse Bertrand, Raphael Garafalo, Herb Borsuk, Lisa Kozloff, Stacey Abrams and Gerald Sohmer.

Orthodontic Update

On March 3, 2006, the Faculty offered a full-day course entitled "Recent Developments in Orthodontics: Fact or Fad?" This course addressed conditions and treatment modalities used in the year 2006, through six lectures on pertinent topics in orthodontics. Because the topics were controversial, a specialist in each area of expertise critiqued each presentation. Chaired by Dr. Donald Taylor and coordinated by Dr. Jean-Marc Retrouvey, the objective of the course was to inform professionals about current trends and developments, to enable them to diagnose and treat their patients using the latest information available. Topics covered were:

The Changing Face of Treatment Planning; Speaker: Frank Shamy, BSc, DDS'56 (McGill), MSc (Université de Montreal), FACD, FICD Moderator. Commentator: David Flam, BSc, DDS'66 (McGill), Cert. Ortho (Université de Montreal), FACD, FICD.

Implant Anchorage in Open Bite Cases; Speaker: Brita Nadeau, DMD, Cert. Ortho (Université de Montreal). Commentator: Claudia Giambattistini, DDS'94 (McGill), Dip Ortho (Toronto), FRCD(C).

Osteoarthritis in TM Joints; Speaker: Paul Rigali, BSc (Kenyon College), DDS (Loyola University), Dip Ortho (Tufts), Lecturer and Clinical Instructor, Harvard University. Commentator: Patrick Arcache, DMD (St. Joseph's University), Beirut Lebanon.

Potential Periodontal Effects of Orthodontic Treatment; Speaker: Fredrick Muroff, DDS, MScD, Cert. Periodontics and Endodontics (Boston), FICD, FACD, FRCD(C). Commentator: Harvey Levitt, DDS'55 (McGill), FRCD(C), FICD, FACD.

Frictionless Orthodontics; Speaker: Louis Fronenberg, DDS'73 (McGill), Cert. Ortho (Minnesota). Commentator: Marvin Steinberg, BSc, DDS'72 (McGill), MScD, Cert. Ortho (Boston), FRCD(C), FACD, FICD, FADI, Diplomate of the American Board of Orthodontics.

Invisalign; Speaker: Alain Brault, DMD, Cert. Ortho (Université de Montréal). Commentator: Michel Di Battista, DMD, Cert. Ortho (Université de Montreal), Angel Society of Orthodontists.

*(l-r): **Back row**: Drs. Michel Di Battista, Patrick Arcache, David Flam, Alain Brault and Ovidiu Ciobanu. **Middle row**: Drs. Fred Muroff and Brita Nadeau. **Front row**: Drs. Don Taylor, Marvin Steinberg, Claudia Giambattistini, Harvey Levitt, Frank Shamy and Paul Rigali. **Missing**: Dr. Louis Fronenberg.*

Faculty News & Notes

A CALENDAR OF EVENTS 2006-07

LOOKING AHEAD

April 5 - 7, 2006
FACULTY EXHIBIT AT THE ONTARIO DENTAL ASSOCIATION SPRING MEETING, at the Metro Toronto Convention Centre. An alumni reception is planned for April 6, 2006.

April 7 & 8, 2006
CONTINUING EDUCATION LECTURE, featuring Dr. Véronique Benhamou, entitled "Cutting Edge", at the Strathcona Anatomy and Dentistry Building, McGill University.

April 28, 2006
CONTINUING EDUCATION LECTURE, featuring Dr. David Isen, on "Drugs in Dentistry", at the Strathcona Anatomy and Dentistry Building, McGill University.

May 5 & 6, 2006
CONTINUING EDUCATION LECTURE, featuring Dr. Véronique Benhamou, entitled "Cutting Edge", at the Strathcona Anatomy and Dentistry Building, McGill University.

May 27 - 30, 2006
FACULTY EXHIBIT AT THE JOURNÉE DENTAIRES The 35th Annual Convention of the Ordre des dentists du Québec will be held at the Palais des Congrès in Montreal.

May 30, 2006
McGILL UNIVERSITY, FACULTY OF DENTISTRY STUDENT CONVOCATION will be held in a marquee on McGill's lower campus.

September 15, 2006
CONTINUING EDUCATION LECTURE, featuring Dr. John Townsend and Dr. Glen Johnson, on "Prosthodontics and Dental Materials", at the Strathcona Anatomy and Dentistry Building, McGill University.

September 22 - 25, 2006
FACULTY EXHIBIT AT THE FDI WORLD DENTAL CONGRESS, at the Shenzhen Convention and Exhibit Center, in Shenzhen China.

October 19 - 22, 2006
McGILL UNIVERSITY HOMECOMING WEEKEND FEATURING THE DR. ERNIE AMBROSE LECTURE SERIES ON OCTOBER 20, featuring Dr. Jeff Erdan on "Computer Assisted Implant Surgery" and Dr. Domenic Morielli on "Bone Grafting for Implants using Intra-Oral Donor Sites."

TOUR OF THE McCALL DENTAL CLINIC ON OCTOBER 20, at the Montreal General Hospital from 3:30 - 5 pm.

November 3, 2006
CONTINUING EDUCATION LECTURE, featuring Dr. Julia Pompura, on "Oral Surgery-Dental Alveolar", at the Strathcona Anatomy and Dentistry Building, McGill University.

December 1 and 2, 2006
CONTINUING EDUCATION LECTURE entitled **"IMPLANT EXTRAVAGANZA."** To be held in partnership with the Université de Montréal. (see advertisement on outside back cover)

January 12, 2007
GERIATRIC DENTISTRY featuring Dr. Abdel Mohammad, Dr. Yu Kwong Li and Dr. Michael Wiseman.

For more information on Continuing Education Lectures, please contact Ms. Nikoo Taghavi.
Tel.: (514) 398-7203, ext.00061
Fax: (514) 398-8900
Email: nikoo.taghavi@mcgill.ca

FDI ANNUAL WORLD DENTAL CONGRESS

The Faculty is delighted to announce that we will be participating in the FDI Annual World Dental Congress in Shenzhen, China. Please visit our booth and find out what's happening at McGill and in the Faculty of Dentistry. Dean Lund will be available to welcome one and all to McGill's home base in Shenzhen. See you there!

STAFF HONOURS AND AWARDS
We Salute You

Congratulations to the following faculty members on their 2005-2006 honours and awards.

Barolet, Ralph
Historian-Archivist, American College of Dentists

Benhamou, Véronique
W.W. Wood Award for Excellence in Teaching

Blair, David
Fellowship American College of Dentists

Borsuk, Herb
Past Chair, American College of Dentists, Quebec Chapter

Bushnell, Cathy
James McGill Professorship

Dorion, Robert
Reidar Sognaaes Award of Excellence

Fletcher, Susan
Farha Foundation "Heroes" Award

Gornitsky, Mervyn, Velly, Ana and **Howard Katz**
posthumously
H. Dean Millard Prize

Kaartinen, Mari
New Investigator Award at ICCBMT

Le Moual, Hervé
FRSQ Chercheur boursier "Senior"

McKee, Marc
Howard S. Katz Prize for Excellence in Dental Education

Retrouvey, Jean-Marc
Bronze Medal; Health & Science Communications Association Media Festival

Schwartz, Stephane
Inducted into Royal College of Dentists

Tabrizian, Maryam
FRSQ Chercheur boursier "senior"

Toeman, Andrew
Chair, American College of Dentists, Quebec Chapter

Tran, Simon
Fellowship; Royal College of Dentists of Canada (Periodontics)

CALL FOR NOMINATIONS
Howard S. Katz Award for Excellence in Teaching

The Howard Katz Award for Excellence in Teaching, initiated in March 2001, will be presented at Spring Convocation to a member of the Faculty of Dentistry, for superior teaching at the undergraduate level. The award will consist of a scroll and a cheque for $1,000, and the recipient's name will be inscribed on a plaque to be mounted in the Faculty Council Room.

Nominations are sought from staff and recent graduates (from the past five years) and must be received prior to April 15, 2007. Those wishing to nominate a candidate for the award should write letters of support, one from the nominator and another from a seconder. Nominators should provide a brief description of the general procedures they used in the selection of the candidate. Nominees must be willing to attend Convocation to accept the award, if selected. The nominator should solicit evidence of outstanding teaching through letters from former faculty and/or students. Letters from current students are discouraged.

Nominations should be mailed to: The Office of the Dean, 3640 University Street, Room M/21, Montreal, QC H3A 2B2 or sent by fax to: (514) 398-8900.

IN MEMORIAM

It is with sincere regret that we announce the loss of the following Dentistry alumni. We extend deepest condolences to their families and friends.

Emmett J. Folgert, DDS'39, at Massena, N.Y., on September 25, 2004
Theodore Krawchuk, DDS'53, at Winnipeg, MB, on October 6, 2004
William B. Zimakas, DDS'59, at Niagara-on-the-Lake, ON, January 5, 2005
Maurice Godine, DDS'44, at Palm Beach, FL, on January 10, 2005
Walter J. Pilutik, DDS'58, at West Vancouver, B.C., on February 12, 2005
William B. Hallett, DDS'52, at Kamloops, B.C., on February 18, 2005
Albert L. Danforth, DDS'42, at Watertown, N.Y., on March 7, 2005
Herbert Mercer Butt, DDS'31, at Toronto, ON, on March 23, 2005
Peter Michael Jackin, DDS'51, at White Rock, B.C., on April 16, 2005
David, T. Shizgal, DDS'39, at Montreal, QC, on July 15, 2005
Rodney, Lefebvre, DDS'52, at Montreal, QC, on July 21, 2005
Eric Jardine, DDS'49, at Sydney, N.S., on August 10, 2005
Hector I. McLeod, DDS'51, at Markham, ON, on September 4, 2005
Robert H Cohen, DDS'44, at Montreal, QC, on September 24, 2005

It is with great sadness and a tremendous sense of loss, that we announce the passing of Professor Emeritus Eddie Chin Sun Chan, a devoted, beloved and cherished member of our Faculty. Before his retirement, he was a Professor in the department of Microbiology and Immunology of the Faculty of Medicine, and of the Faculty of Dentistry. Dr. Chan passed away peacefully at home on July 24, 2005, leaving behind his beloved wife Vivienne. Dr. Chan was a man of science and a man of honour, and was highly respected in his field and by all who met him.

Eddie Chin Sun Chan

Faculty News & Notes

FACULTY STAFF UPDATES

Academic Promotions
Samer Abi Nader - Director, Division of Restorative Dentistry
Robert Clark - to Assistant Professor
Jean-Marc Retrouvey - to Associate Professor

New Staff Appointments
Assistant Professors
Ngoc Tuan Dinh, DMD'99 (U de Montréal), and MSc Prostho '05 (U of Toronto)
Jacques Véronneau, DMD'81, and MSc '91 (U de Montréal), and PhD '05 (McGill),
Thomas White, DDS'99 (U of Western), and Cert OMFS '05 (McGill)

Faculty Lecturers
Maude Albert, DMD'04 (U de Montréal)
Amy Archambault, DMD'02 (McGill)
Ovidiu Ciobanu, DMD'94 (Romania)
Angèle Germain, DMD'00 (U Laval)
Michel El Hakim, DMD'02 (U de Montréal)
Fanny Ip, DMD'01 (McGill)
Gina Kano, DDS'97 (McGill), and Cert Periodontics (NYU)
Lisa Kozloff, DDS'00 (McGill), Cert Endo '04 (Tufts)
Stephanie Ment, MSc '00, and DMD'04 (McGill)
Johanna Pham, DDS'84 (McGill)
Christian Robin, DMD'97 (U de Montréal), and Cert OMFS (Albert Einstein College of Medicine)
Paul Stamboulis, DMD'02 (U de Montréal)
Sandra Suissa, DMD'03 (U de Montréal)
William Steinman, DDS'73 (McGill)
Sharon Nguyen, DMD'01 (McGill)
Wendi Jewers, DDS 2003 (Dalhousie)

Joint Appointment with Faculty of Medicine
Hojatollah Vali, PhD '83 (Germany)

Adjunct Professors
Hani Abd-Ul Salam DDS, and MSc (Lebanon); PhD (McGill), and Cert OMFS (UToronto) Adjunct Professor.
Belinda Nicolau, DDS'88 (Brazil), and PhD 2001 (University College London), Adjunct Professor

Visiting Professors
Rubens Albuquerque, DDS'83, and PhD 1996 (Univ Sao Paulo)
Suguru Kimoto, DDS'86, and PhD 2003 (Nihon Univ)
Hirofumi Sasai, DDS'87, and PhD 1991 (Nihon Univ)
Masuma Moslemi, DMD'87, and MSc 1994 (Shahid Beheshti University)
Shuangying Zhou, DDS, and PhD '96 (Peking Univ)

Postdoctoral Fellows
Katia Muller, DDS'94, and PhD '05 (Sao Paulo), MSc '01 (McGill)
Liam Grover, BMedSc '01, and PhD '04 (Birmingham)

Support Staff
Nellie Boyadjieva, Information Technology Specialist (ICS)
Nicole Guedon, Student Affairs Coordinator
Nikoo Taghavi, Communications Administrator

DENTISTRY'S ELECTRONIC CORNER
Alumnilife; McGill's Alumni Online Community
www.alumni.mcgill.ca

When you become a member of *Alumnilife*, you open up a world of electronic communications only available to McGill graduates. *Alumnilife* is a secure, password-protected environment. As a member of *Alumnilife*, you have complete control over the information you let other McGill graduates see. *Alumnilife* will give you a multitude of ways to communicate and connect with other graduates and with McGill. With *Alumnilife*, you will receive:

- A McGill e-mail for life account (or e-mail forwarding)
- Access to the latest news in your fellow graduates' lives
- Access to a list of your classmates
- Access to a whole network of fellow alumni through information that other graduates make available to *Alumnilife*
- Online registration and payment for events
- …and it's free!

Electronic Newsletter
Still feeling out of the loop? You can now get up-to-date information on Faculty events **four times a year**, right to your inbox. To subscribe to Dentistry's new electronic newsletter *Word of Mouth*, please send your e-mail address to wendy.schilling@mcgill.ca.

Alumnilife McGill's Alumni Online Community

Classified Section
Alumnilife provides a vehicle for conveying all kinds of information to students, staff and alumni, including job opportunities! The Faculty has created a classified section for alumni to advertise the needs of their dental practices; whether you want to sell a practice, or hire an associate, or are looking for job, this site is for you! Please email your request to: wendy.schilling@mcgill.ca

REACHING OUT TO ALUMNI

Toronto Alumni Dinner
Dean Lund met with Toronto alumni for an intimate dinner at the Tasting Rooms Restaurant in Toronto, during the Ontario Dental Association Spring Meeting on May 5, 2005. It was a wonderful opportunity for our Toronto-based graduates and Dean Lund to become better acquainted.

(l-r) Dr. George Dagg, Dr. Richard Orawiec, Dr. Stan Allington, Dr. Walter and Olga Kowal, Dr. Marie Dagenais, Dr. John O'Keefe, Rosemary and Dr. Stephen So.

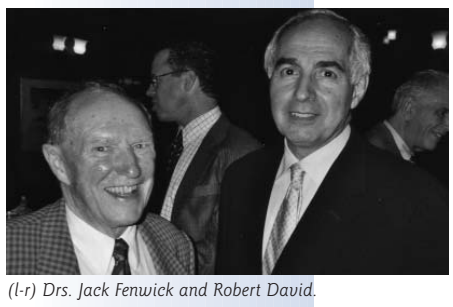
(l-r) Debbie Larocque, Summer and Dr. Gerald Filgiano, Dr. Russell and Elaine Leve.

Second-Year Student Barbecue
The second-year students and Dr. Robert Miller organized the annual student BBQ, on June 17, 2005, to celebrate the summer break for the students in the pre-clinical lab. Although the weather was uncooperative, it did not deter the traditional 'roasting of the lamb' on an outdoor spit.

Mike McHugh and Dr. Robert Miller roast yet another delicious lamb!

Annual Staff Dinner
Dentistry Staff united at the University Club on June 14, 2005, to celebrate the end of yet a rewarding year at the Faculty. Dean Lund introduced new staff and sadly said "goodbye" to a few, as well. This annual event also proved to be a great opportunity to raise a glass to the renewal of Dr. Lund's term as dean.

(l-r) Dr. Seymour Miller, Marnie Taylor and Dr. Herb Borsuk.


(l-r) Drs. Jack Fenwick and Robert David.

(l-r) Drs. Mitch Miller, Mervyn Gornitsky and Louis Touyz.

Alumni Cocktail Reception in Montreal
The Faculty held a cocktail reception in conjunction with the FDI Annual World Dental Congress and Exhibition on August 24, 2005, at the Faculty Club on McGill Campus. This exciting event brought together friends and colleagues from around the globe. Reuniting alumni is such a delight!

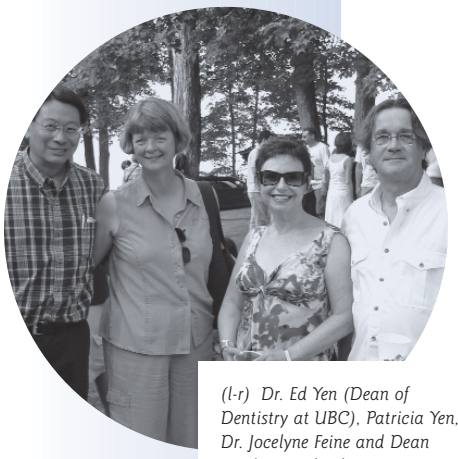
(l-r) Dr. Marie Dagenais, former Vice-Principal of Development and Alumni Relations, Janyne Hodder, Drs. Robert Dorion and Kathy Reichs.

(l-r) Dr. Amy Archambault, Dr. Paul Morton, Antonino Crivello and Meghan Alexander.

(l-r) Drs. Leo Moran and Johanna Pham.

(l-r) Drs. Fay Goldstep, George Freedman, Harry Rosen and Sebastian Saba.

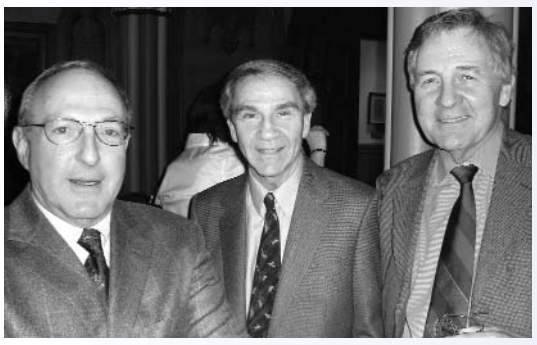
Dean's Summer Barbecue
Dean Lund and Dr. Jocelyne Feine welcomed students, staff and alumni to their annual summer barbecue at their home in Senneville, on August 27, 2005. The radiant weather, friendly guests and delicious food made for yet another successful event!


(l-r) Dr. Ed Yen (Dean of Dentistry at UBC), Patricia Yen, Dr. Jocelyne Feine and Dean Lund enjoy the day.

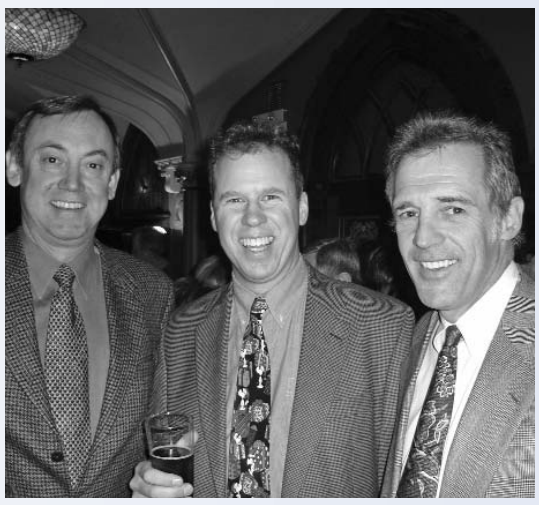
Faculty News & Notes

Staff Holiday Party

Staff and friends gathered at the annual Holiday Cocktail Party on December 14, 2005, at the Faculty Club, to wish happy and healthy holidays to one and all.



(l-r) Drs. Stephen Miller, Mel Hershenfield and Don Taylor.



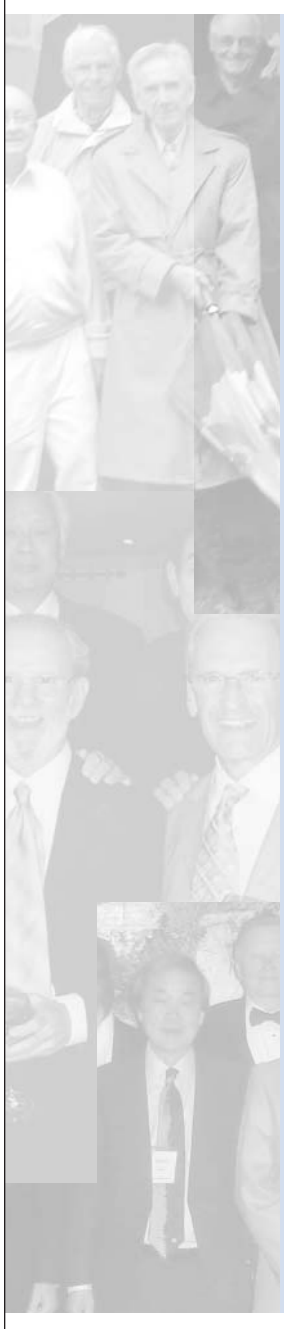
(l-r) Drs. Jeff Erdan, John Drummond and Bruce Dobby

(l-r) Alan Edwards, Dr. Gary Bennett and Dr. Wenhua Xiao.

(l-r) Pierrette Wong and Dr. Marc McKee.

(l-r) Debbie Larocque, Margaret Levitt and Dr. Harvey Levitt.

(l-r) Drs. John Fong-Chong, Deborah Iera, Christopher Herten-Greaven and Julie Drakoulakou.



HOMECOMING 2005

This year's Homecoming was the biggest and best ever! It took place from September 30 to October 2, 2005, and the summer-like temperatures enhanced the overall success of the event. The McGill Alumni Association offered McGill and Macdonald grads more than 70 ways to feel "at home," including the incomparable Leacock Luncheon, moderated by Derek Drummond, BArch'62, and a new event, Classes Without Quizzes, which offered graduates an opportunity to attend a fascinating class without the angst of a final exam.

The Faculty of Dentistry took part in Homecoming with a Continuing Education lecture, a lunch reception at the Faculty, a tour of the McCall Dental Clinic and a student-organized sports event. Many Dentistry classmates traveled from near and far to celebrate their respective reunions.

The Class of '55 celebrated its 50th Anniversary. Class representatives Eric Millar and William Sanders organized many class events, including a tour of the Strathcona Building, a class lunch and reunion dinner.

Class of '55

The Class of '60 celebrated its 45th Anniversary. Class representatives, Douglas Wong and Leonard Prosterman, organized a cocktail reception at the Prosterman home, followed by dinner at Restaurant Vago.

Class of '60

The Class of '65 celebrated its 40th Anniversary. Class representative Mel Hershenfield organized attendance for his class at the McGill Martlet Dinner at the Hilton Bonaventure Hotel as well as arranging a cocktail reception Gerry Konanec's house, and a dinner at the Piment Rouge.

Class of '65

The Class of '70 celebrated its 35th Anniversary with a dinner, planned by Class representative Christopher Herten-Greaven, at the Montreal Athletic Association.

The Class of '75 celebrated its 30th Anniversary at the Auberge St. Gabriel in Old Montreal, thanks to the organizational skills of class representative, Stan Allington.

The Class of '80 celebrated its 25th Anniversary at a dinner arranged by class representative Neil Peloso.

Sincere thanks to all the class members who tirelessly volunteered their time to make Homecoming weekend so memorable for all!

Sports Day: A RESOUNDING SUCCESS

By Anthony Seminara

The day couldn't have been better! Despite being well into the fall, the sun was shining and the temperature unseasonably warm, as the Dental Student Society held its second annual Sports Day.

In conjunction with McGill's Homecoming festivities, approximately 50 students and staff gathered on Sunday, October 2, 2005, at the Rutherford Field, to celebrate healthy living and have some good-natured fun, both on and off the field. A Barbecue lunch capped off the day, which included games of football, ultimate Frisbee and softball.

Dean Lund and Jared Fried (Dr. Irwin Fried's son) led two squads in an impressive soccer match that rivalled the World Cup final in excitement. All in all, everyone had a great time, and we are looking forward to making this event a fall tradition for many years to come.

Students "sport" their new DSS T-shirts!

Spotlight on Students

HEALTH SCIENCES CONVOCATION 2005 GETS A DENTISTRY SPIN

On May 31, 2005, students from Dentistry, Medicine, Nursing, Occupational Therapy and Graduate Studies gathered on lower campus to receive their degrees. They entered the grand white marquee as students and left as graduates, while family, friends and staff looked on. This year, the Faculty of Dentistry was selected to choose a valedictorian to address the students before they embarked on their individual journeys as McGill graduates. This year's valedictorian was Andrea Heckler, whose speech made the Faculty and all her fellow students proud. Here it is:

Andrea Heckler makes Dentistry proud!

THE CROCODILE'S TOOTHACHE - by Shel Silverstein

The Crocodile
Went to the dentist
And sat down in the chair
And the dentist said, "Now tell me sir,
Why does it hurt and where?"
And the Crocodile said, "I'll tell you the truth,
I have a terrible ache in my tooth,"
And he opened his jaws so wide, so wide,
That the dentist, he climbed right inside,
And the dentist laughed, "oh isn't this fun?"
As he pulled the teeth out, one by one.
And the crocodile cried, "You're hurting me so!
Please put down your pliers and let me go."
But the dentist just laughed with a Ho Ho Ho,
And he said, "I still have twelve to go-
Oops, that's the wrong one, I confess,
But what's one crocodile's tooth, more or less?"
Then suddenly, the jaws went SNAP,
And the dentist was gone, right off the map,
And where he went one could only guess…
But what's one dentist, more or less?

Mr. Chancellor, members of the platform party, fellow graduates and guests. Today, I ask myself and every one of you Shel Silverstein's very important question, "What is one health care professional, more or less"? We graduate today as physiotherapists, occupational therapists, scientists, dentists, doctors and nurses, and we join the hundreds of thousands of other professionals in these fields. How can we differentiate ourselves from each other? We now have the same degrees and the same basic education as all our classmates and all the past graduates in our fields - it is the rest of our lives and our experiences that allow each of us to have a unique contribution to offer the world. We are about to be given the opportunity to practice our chosen profession, and we feel important and invincible. We will soon realize that we are only as important as we are to each of our patients. We have all been a patient at some point, and we know it is not only the health care giver's technical skills that render them essential to us. A professional who has a balanced perspective of life as a whole, and who lives his or her own life through this perspective, will develop into a valuable member of society.

La perception que nos patients sont plus essentiels pour nous que nous sommes pour eux, qu'ils sont le cœur de notre pratique, peut être intégrée et évidente dans chaque aspect de notre travail. Est-ce que vous vous rappelez de la première consultation difficile que vous avez fait, ou la première fois que vous avez pratiqué une nouvelle habilité sur un patient qui a mis toute sa confiance en vous? Nous avons une dette morale envers la société qui nous a donné le privilège de suivre notre formation et d'atteindre notre objectif. Cette obligation envers la société continuera à grandir car dans nos professions, on ne finit jamais d'apprendre.

Aujourd'hui, nous obtenons nos diplômes et nous avons deux énormes dette à rembourser - nous devrons non seulement redonner à la société entière, mais nous devrons également commencer à régler nos prêts à la banque! Adapter notre façon de pratiquer selon les besoins du patient, et développer une relation humaine, par exemple, en demandant : qu'est-ce qui marche pour vous? Cela communique à notre patient que nous sommes compatissants et impliqués dans cette relation. Voilà l'une des premières étapes du remboursement de cette dette. Soyons plus qu'un autre intervenant de la santé, soyons avant tout sensibles et a l'écoute de nos patients afin de les aider non seulement au niveau physique mais au niveau de leur bien-être global.

We may also too easily find ourselves lost among other graduates in our fields if we forget that work is but a part of the rest of our lives. There is a concept that I have tried to make a priority of mine and that I believe must be a mission for each of us as we enter the beginning of the next stage of our lives and that is - to get a life. This can be much harder than it sounds as we start our careers as busy health care professionals. It is impossible to convince oneself that certain behaviour is of value in one's life until that behaviour becomes a habit. It is only then that we can see the positive impact the actions have, and we become convinced of their role in our daily lives. Committing yourself to family, friends, community, leisure time and especially your own health on a repetitive basis are all aspects of life that may be difficult to accommodate - but this is what will make each of us "not just one more health care professional." The key to getting a life lies in creating a balance. Maintaining this balance between our life as a professional and these other priorities is the next of life's challenges that we must look forward to with great anticipation.

The question I ask each of you today will always be a part of our thoughts: "what is one of us, more or less?" Adapting ourselves to each patient and to society as well as remembering that our careers are a part of the balance of our lives will allow us to take our place as valuable members of our community. I cannot wait to live and work with all of you as we embark today on this exciting, frightening and fulfilling path toward the rest of our lives.

Professors from the Faculty of Dentistry attend Convocation 2005. (l-r) Drs. Mari Kaartinen, Jeff Myers, Véronique Benhamou, Simon Tran, Jim Lund and Marc McKee

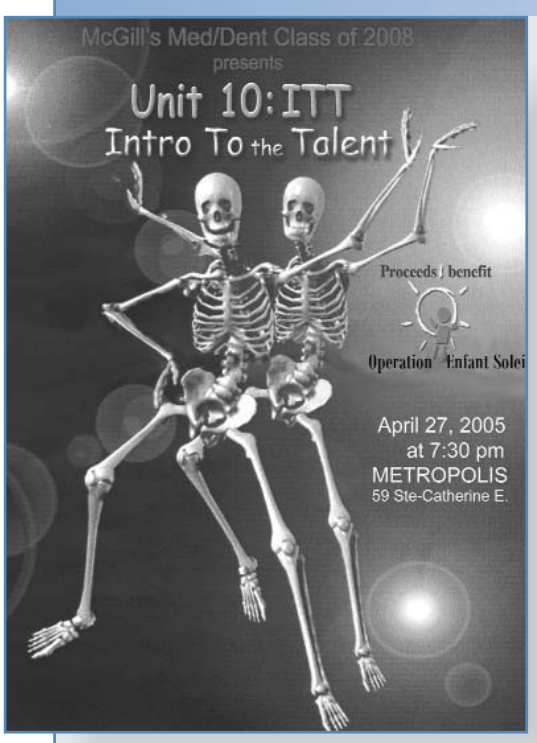
ALPHA PI STUDENT CHAPTER RECOGNIZED

Alpha Pi, the McGill Student Chapter of the Alpha Omega International Dental Fraternity, received the Chapter Efficiency Award, including a $100 prize from the dental fraternity. Congratulations students on a chapter well-run!

COMMUNITY MINDED STUDENTS

THE McGILL DENTISTRY AND MEDICINE TALENT SHOW

By Romina Perri



The McGill Dentistry and Medicine Talent Show is a student-run fundraising event. The show was held April 27, 2005, at Club Metropolis and attracted more than 600 spectators. Students showcased their talents and devoted their time to create a variety show to raise funds for Operation Enfant Soleil. The money collected by this organization is used to buy specialized equipment for hospital centres, and to improve the quality of treatment and to help consolidate pediatric care throughout Quebec. Thanks to the generosity of our sponsors, spectators and students; we have raised $6,500 for this charity!

My sincerest gratitude is extended to the dental students who participated in the show and those that offered their time and support. Though our class is small, we continue to show that through our combined efforts and our awe-inspiring motivation, we can achieve great things.

Two of the many dentistry students who took part; Marianne Collard and Sharon Chandrasegaram.

Spotlight on Students

STUDENT AWARDS 2005

FOURTH-YEAR DENTISTRY AWARDS AND PRIZES, MAY 31, 2005

Fourth-year students, family, friends and staff gathered at the Faculty Club for a pre-convocation champagne reception to honour the graduating class of 2005. It was also an opportunity to celebrate those students receiving top honours.

DEAN'S HONOUR LIST

Hagen Klieb
Nicholas Makhoul
Julie Boudreault

HAGEN KLIEB

Presented by Dr. Timothy Head

DR. A.W. THORNTON GOLD MEDAL: awarded to the student attaining the highest overall standing in the four years of the undergraduate program.

DR. A.L. WALSH PRIZE: awarded for meritorious achievement in Oral Medicine throughout the clinical years.

DR. A. GERALD RACEY PRIZE: awarded to a student in the final year of the undergraduate program, who has excelled in the comprehensive oral examination in Oral and Maxillofacial Surgery.

DR. ANDRÉ CHAREST PRIZE: donated by the Quebec Association of Oral and Maxillofacial Surgeons, awarded to the student in the final year attaining the highest standing in Oral and Maxillofacial Surgery.

AMERICAN ACADEMY OF ORAL AND MAXILLOFACIAL RADIOLOGY AWARD: presented to a graduating student who has demonstrated special interest and accomplishment in Oral and Maxillofacial Radiology.

STUDENT ACHIEVEMENT AWARD IN ENDODONTICS: given to a student who was nominated by the faculty from among the senior class in Dental School.

NICHOLAS MAKHOUL

Presented by Dr. Mark McKee

DR. JAMES McCUTCHEON MEDAL: awarded to the member of the graduating class who has demonstrated outstanding qualities of leadership, scholarship and professional achievement throughout the years.

DR. J.K. CARVER AWARD: presented to the student who has attained the second highest overall standing in the four years of the dental undergraduate program.

ORAL BIOLOGY AWARD: sponsored by the American Association of Oral Biologists. Awarded to a senior dental student who has demonstrated achievement and the potential to make further notable contributions in the area of Oral Biology.

AMERICAN ACADEMY OF ORAL AND MAXILLOFACIAL PATHOLOGY: given to a student who was nominated by the faculty from among the senior class in Dental School.

JULIE BOUDREAULT

Presented by Dr. Leonard Gordon.

DR. W. G. LEAHY PRIZE: awarded for meritorious achievement in Clinical Dentistry throughout the clinical years.

ALPHA OMEGA INTERNATIONAL DENTAL FRATERNITY: awarded to a student attaining the highest academic standing during the prescribed years of study at McGill University.

AMERICAN ACADEMY OF DENTAL PRACTICE ADMINISTRATION AND AADPA ENDOWMENT AND MEMORIAL FOUNDATION AWARD: given to a graduating student who has shown managerial skills and development of outstanding performance in four-handed dentistry.

ACADEMY OF GENERAL DENTISTRY'S 2005 SENIOR DENTAL STUDENT AWARD: given to a student who has maintained an academic scholastic balance between his/her clinical and didactic basis courses of study and has demonstrated outstanding attributes conducive to exceptionally fine doctor-patient relationships.

MONICA MACVANE-PEARSON

Presented by Dr. Euan Swan.

C.D.A. PRESIDENT'S AWARD: presented to the graduating student who, over the undergraduate years, has shown outstanding qualities of leadership, scholarship, character and humanity, and who may be expected to have a distinguished career in the dental profession and society at large. The awardee must be a member of the C.D.A.

AMERICAN ACADEMY OF PEDIATRIC DENTISTRY AWARD: given to a single senior dental student who shows the most promise in pediatric dentistry.

NICOLE SOVRAN

Presented by Dean Lund.

McGILL ALUMNAE SOCIETY PRIZE: presented upon graduation to a distinguished student for excellence and high academic standing.

HAISSAM DAHAN

Presented by Dr. Jocelyne Feine.

DR. LEANORE K. FEINE PRIZE: awarded to the student in the final year who has best demonstrated commitment to the oral health of the local community throughout the clinical undergraduate program.

JANET LEE

Presented by Dr. Jeff Myers.

DR. PAUL A. MARCHAND AND MAURINE MCNEIL MARCHAND PRIZE: awarded to a student in the final year of the undergraduate program who, in the opinion of the Clinical Director in consultation with the staff, has demonstrated the highest degree of professionalism in patient management.

ANDREA HECKLER

Presented by Dr. Jean-Marc Retrouvey

PRIX MICHELINE-BLAIN: donated by the Quebec Dental Surgeons Association, awarded to a student in the graduating year who has best served the interests of his/her colleagues while studying in the Dentistry program.

AMERICAN ASSOCIATION OF ORTHODONTICS AWARD: given to a senior dental student who demonstrates exceptional interest in the development of the Oro-Facial Complex.

CHRISTOPHER ALLINGTON

Presented by Dean Lund.

PRIX D'EXCELLENCE JEAN ROBERT VINCENT: donated by the Quebec Association for Special Care Delivery, awarded to a student in the final year who has demonstrated an exceptional commitment to geriatric dentistry.

ACADEMIE DENTAIRE DU QUEBEC: awarded to a graduating student demonstrating interest and initiative in providing oral health care to the underprivileged.

PARAMPREET KAUR

Presented by Dr. Véronique Benhamou.

AMERICAN ACADEMY OF PERIODONTOLOGY AWARD: presented to the graduating student displaying the highest level of academic and clinical achievement related to Periodontics.

MAGGIE YOO

AMERICAN ASSOCIATION OF PUBLIC HEALTH DENTISTRY: awarded to a graduating student demonstrating a special interest/achievement in Community Dentistry and Dental Public Healthy.

FOURTH-YEAR ROAST, 2005

One of the traditional celebrations of the culmination of four years of intense studying is a formal dinner, where fourth-year students lovingly "roast" their colleagues and professors. This year's event took place on May 6, 2005 at the Hilton Bonaventure.

Spotlight on Students

SECOND AND THIRD-YEAR STUDENT AWARDS AND WHITE COAT CEREMONY, AUGUST 31,2005

The Faculty's fourth annual White Coat Ceremony was held in conjunction with the awards ceremony for second and third-year students. This event gathers together faculty, staff, students and many of our generous benefactors, to celebrate a special milestone in our students' lives.

An inspiring keynote address was delivered by Dr. Phil Gold, from the Faculty of Medicine. The student address was given by Jason Retter, DMD IV, and Ilana Gould, DMD III.

An excerpt from Dr. Phil Gold's speech

I think it important to underscore the two aspects of your roles as health care givers. Your first, and important role, is that of the healer. But, I remember being told once by a dental colleague that if dental caries stopped developing today, it would still leave dental work for decades as a result of today's situation. Hence, although you will all, at least at some point in your careers, and to some degree, be involved with caries, the job is, indeed, to not only to treat, but to prevent this problem, and comparable societal dental ills. This calls upon the second aspect of your lives, that of your role as professionals. It may be that many of you will have your first, perhaps unconscious, contact with the overlap of healing and professionalism when you take Oath of Hippocrates, or the now more modern derivatives of it.

It starts: "I swear by Apollo, physician and Ascepius and Hygiea and Panakeia and all of the gods and goddesses, making them my witnesses, that I will fulfill according to my ability and judgment this oath and this covenant." Note the word 'covenant'. It implies – it is – more than a contract. In William Osler's words, it is "a way of life" The UAW has contracts; negotiations for salary and working hours. Our covenant is much more than that, and you've really entered into it this evening. Let me make one reference to the Oath of Hippocrates, and that is to the daughters of Asclepius, Panakea (panacea) and Hygeia (hygiene) They put the question in counterpoint. Do we seek the panacea, or special care, for those who can afford it, or hygiene, good care for as many as possible, regardless of means. And this will apply more to dentistry than medicine – at least in Canada today, since we do not yet have Denticare. And with the problems facing Medicare, this is unlikely to happen in the foreseeable future. So, what does that mean to be a professional? Let me give you one of the early, and still very valid definitions of professionalism, given by Louis Brandeis, a former Justice of the American Supreme Court, and for whom a Boston University was named. With only minimal modification, it states that, "The learned profession is the keeper of a body of knowledge, at least a portion of which comes from experience, and one is responsible for passing that knowledge, improved by research, on to the next generation. It has a code of ethics which includes at least a component of service to others. It sets and enforces its own standards, and it values performance above reward."

An excerpt from the Student Address by Jason Retter, DMD IV

As the white coat is placed over your shoulders tonight, you take on the role of "health care professional." Midway through your doctoral education, you now begin to apply the strengths and frailties of the human body to those of the human condition. This is a turning point. The white coat represents your ability to care with selflessness, compassion, honour and goodness. At this time, it is important to reflect on the duties and privileges that are being bestowed upon you.

You'll quickly discover that every clinic period with your patients becomes a lesson learned. No matter what you are doing, be it a restoration, dentures or crowns – whenever you sit in that chair, you gain knowledge.

Eventually, certain days begin to stand out for one reason or another. It could be that a restoration went smoothly, or that you got the most beautiful impression. On the other hand, the tough days will happen as well. And that's normal, and to be expected: we are students. To be honest, you usually learn more from those experiences.

For me, one day in particular comes to mind. After having difficulties becoming proficient in perio at the beginning of last year, by second semester I was finally comfortable with my debridements. On this particular day I was working on a lovely, elderly woman. After spending four hours making sure that quadrant #4 was spotless, I was understandably tired. I checked with the detecTAR, a machine that uses LED technology to reveal calculus, and the roots were clean, healthy and, to my excitement, ready for reattachment. I was thrilled. Unfortunately, when the patient was asked by the demo how she was doing, the poor lady's response was, "Terrible!" She had had a rough afternoon. I learnt that day that, while it's important to focus on improving your technical skills, patient management is equally essential.

Your patients, while aware that you are students, expect and deserve effective treatment. Decisions regarding their treatments should be made by them, from a position in which they are fully informed. In the clinic, keep this at the forefront of your mind as you build upon your professional skills. I wish each of you good luck as you begin your own personal journey to becoming a skilled professional. Be empathetic, be gentle and listen. Wear your white coats with pride because you have earned them! congratulations.

An excerpt from the Student Address by Ilana Gould, DMD III

So far in our dental education, the importance of being socially and morally responsible health care providers has been emphasized. Moreover, our experiences and observations in the Outreach program strengthen the message of professional responsibility to community and to the oral health of a population. We have learned through our Dental Public Health course that, as a profession, it is important to be involved and promote oral health at a community level, in order to benefit individuals that we may never encounter in individual practice. Dentists getting involved in addressing oral health care needs at a population level will help combat the publics' scepticism of the profession's priorities and earn that trust. The importance of having a social conscience and feeling a professional responsibility are vital in the creation of a dentist who gives priority to the interests of those they serve and warrant the trust of the public. Thus these are the ideals to which we will strive; to be deserving of the true title of a professional.

WHITE COAT CEREMONY, CLASS OF 2007

The evening continued with the presentation of the classic white coats to the students of the Class of 2007, to mark their transition from preclinical to clinical studies.

Pledge: "I recognize that in donning this white coat, I become a member of the dental profession. I understand that my primary responsibility is to my patients and I shall dedicate myself to render, to the best of my ability, the highest standard of oral health care. I pledge my commitment to work for my community and the benefit of all society through creating lasting alliances in health, pursuing professional integrity and providing compassionate care for all."

White Coat recipients in alphabetical order: Johann Azuelos, Colette Boulos, Jeff Chen, Margaret Cielecki, Sylvie Di Lullo, Tamara Kinkelstein, Ross Fiore, Ilana Gould, Jaime Greenspoon, Lindsey Jakubovic, Rachel Kanthavel, Martin Kim, Nicole Lane, Teresa Lo, Rachele Luciano, Zeina Maghnieh, Sam Malkinson, Mamta Mehra, Mathew Miller, Joanna Mok, Liliya Nikolcheva, Diana Paczesny, Francois Seng, Steven Shapiro, Michael Sorek, James Tucci, Alisha Wali, Jeremy Werbitt, Shaomo Xing, Mansoureh Yavari, Jennifer Yee, Jason Zylbering.

Spotlight on Students

DEAN'S HONOUR LIST

DMD I
Andrea Raquel Hsu
Kerry Anne Flintoff
Rose Chen

DMD II
Liliya Nikolcheva
Jeff Chen
Nicole Lane

DMD III
Sherri Leung
Antonino Crivello
Michael Bond
Meghan Alexander

GRADUATE STUDIES
Jennifer Forsprecher

SECOND YEAR

LILIYA NIKOLCHEVA

Presented by Dean Lund.

DR. M. DONIGAN PRIZE: awarded to the student attaining the highest overall standing in the Introduction to the Patient and Introduction to the Practice of Dentistry unit in the Basis of Medicine component of the curriculum.

DR. D. P. MOWRY PRIZE: awarded to the student attaining the highest standing in the dental curriculum.

DR. I. K. LOWRY PRIZE: awarded to the student attaining highest overall standing in the Management of Oral Disease unit.

JOANNA MOK

Presented by Dr. Jocelyne Feine.

DR. LEANORE K. FEINE PRIZE: awarded to the student who has best demonstrated commitment to the oral health of the local community.

ILANA GOULD

Presented by Dean Lund.

DR. K. I. MELVILLE PRIZE: awarded to the student with highest overall standing in the Oral unit.

SHAOMO XING

Presented by Dean Lund.

DR. W. C. BUSHELL PRIZE: awarded to the student attaining the highest overall standing in the Oral Disease unit.

JEFF CHEN

Presented by Arthur Lau.

DR. MAXWELL AND MRS. BETTY L. GOLDENBERG PRIZE: awarded to the student attaining the highest standing in the practical clinical component of Cycle II (preclinical studies).

PING KWAN LAU SCHOLARSHIP: awarded on the basis of high academic achievement, with preference to international students, and renewable, provided the holder maintains an academic standing established by the Faculty.

THIRD YEAR

SHERRY LEUNG

Presented by Dean Luind

DR. GERALD FRANKLIN PRIZE: awarded to the student attaining the highest overall standing in the third year of the dental program.

ANTONINO CRIVELLO

Presented by Dr. Wade Boroff (left).

INTERNATIONAL COLLEGE OF DENTISTS PRIZE: awarded to the student with the second highest standing in the third year of the dental program.

DR. L. A. COHN PRIZE: awarded to the student attaining the highest standing in Prosthetic Dentistry.

DR. WILLIAM S. BOROFF SCHOLARSHIP IN DENTISTRY: awarded to a meritorious student who has demonstrated outstanding qualities of character, perseverance and sportsmanship. Preference is given to a student who is entering the fourth year of the DMD Program.

MEGHAN ALEXANDER

Presented by Dr. Harry Rosen.

DR. LYMAN E. FRANCIS PRIZE: awarded to the student with highest standing in subjects of Pathology, Treatment and Prevention of Disease, Dental Pharmacology and Oral Pathology and Medicine.

DR. HARRY ROSEN SCHOLARSHIP: in Dentistry awarded on the basis of high academic standing to an outstanding undergraduate student who has completed at least one year of the DMD program. Preference is given to a student entering the fourth year of studies in the DMD.

LINDSEY JAKUBOVIC

Presented by Dean Lund.

DR. YU-MING LAM SCHOLARSHIP: awarded on the basis of high academic achievement, and renewable, provided the holder maintains an academic standing established by the Faculty.

LAUREN SPEVACK

Presented by Dean Lund.

PHYLLIS BUTTERWORTH ENTRANCE SCHOLARSHIP: awarded on the basis of high academic achievement and renewable, provided the holder maintains an academic standing established by the Faculty.

VERENA LAM

Presented by Dr. Harry Rosen.

DR. HARRY ROSEN ENTRANCE SCHOLARSHIP: awarded on the basis of high academic achievement and renewable, provided a holder maintains an academic standing established by the Faculty.

NEELAMBAR KAIPATUR

Presented by Dean Lund.

DR. ERNEST R. AMBROSE SCHOLARSHIP: awarded to an outstanding undergraduate student who has demonstrated common sense, compassion and excellence in restorative dentistry. Preference is given to students who are entering the fourth year of the DMD program.

MICHAEL BOND

Presented by Dean Lund.

DR. JAMES E.G. HARRISON SCHOLARSHIP: awarded to a meritorious undergraduate student in the DMD program who has demonstrated a firm commitment to the ethical practice of dentistry in interactions with patients and colleagues, or in essays on professional conduct and responsibilities. Preference is given to students who are entering the third or fourth year of the DMD program.

MARIE-ALICE MANDICH

Presented by Dr. Morton and Fidelia Lang.

DR. MORTON AND DR. JONATHAN LANG PRIZE: awarded to an outstanding undergraduate student on the basis of academic merit.

ROSE CHEN

Presented by Dr. Stephen Cymet.

DR. STEPHEN S. CYMET SCHOLARSHIP: awarded on the basis of high academic achievement to an undergraduate student who has completed one year of the DMD program.

KERRY ANNE FLINTOFF

Presented by Dr. Lorna Katz (left).

DR. HOWARD S. KATZ SCHOLARSHIP: awarded on the basis of academic achievement to an undergraduate student who has completed at least one year of the DMD program.

NICOLE LANE

Presented by Dr. Earl Lerner.

DR. EARL LERNER SCHOLARSHIP: awarded on the basis of high academic achievement to an undergraduate student currently enrolled in the DMD program.

KATHERINE KOUSAIE

Presented by Dean Lund.

DR. JANET GRIFFIN-MERTH SCHOLARSHIP: awarded on the basis of academic achievement to a student who has completed at least one year of the DMD program.

J.W. McCONNELL AWARDS

presented by the University Committee on Scholarship and Student Aid on the basis of high academic standing and Faculty recommendations to students pursuing degrees in any field.

DMD I
Andrea Raquel Hsu

DMD II
Liliya Nikolcheva

DMD III
Sherri Leung

Spotlight on Students

ANNUAL McGILL RESEARCH DAY AND STUDENT TABLE CLINICS EVENING

February 21, 2006 McGill New Residence Hall

The McGill Research Day and Student Table Clinics Evening has gained immense popularity throughout the years with students, faculty, friends and alumni. This year, the Faculty opted to change the venue from the Livingston Hall at the Montreal General Hospital to the much more spacious McGill New Residence Hall (corner Prince Arthur and Parc Avenue).

DENTISTRY'S RESEARCH DAY - SHOWCASING OUR STUDENTS

*by **Marc McKee** Associate Dean, Research*

A successful research project, from its inception to its completion and publication, requires many levels of support and activity. Some are quite visible, while others are less apparent.

And so describes, at least in part, the proceedings of the Faculty's Annual Research Day held in conjunction with the evening's Table Clinic presentations. This showcase event, highlighting the work of our research trainees (graduate students and post-doctoral fellows), by all accounts was a resounding success. Given the Faculty's huge increase in research activities over the past five years or so, we had outgrown our previous venue and research "evening" at Livingston Hall of the MGH. The New Residence Hall location provided the opportunity to expand our research portion from a few hours in later afternoon into a full day that could then flow into the Table Clinics' evening presentations in the same location. The transition between the two independent but linked events was marked by our invited guest speaker, Dr. Lawrence Tabak, Director of the National Institute for Dental and Craniofacial Research in the USA, who eloquently bridged the two sessions with a captivating talk: on "Facing the Challenge: A Systems Approach to Oral Biology and Health." Dr. Tabak's talk was the highlight of the day, with the lecture hall filled to capacity with students, staff, alumni and guests.

The day included an outstanding series of research presentations derived from endless hours of hard work and creativity. Oral presentations were grouped into four sessions: Health and Society I and II, Pain and Neurosciences, and Bone Biology and Biomaterials. The audience of peers and supervisors was suitably impressed by the research and the articulate presentations. Many thanks to all for making the day such a success. In particular, I would like to thank Dr. Mari Kaartinen (and all support staff who assisted with the Research Day), for coordinating the event, complete with oral presentations and posters. The new format and location appears to have been a huge hit, and we will continue with this new format in the future – congratulations to all. Special congratulations to the three dentistry graduate students who received prizes for the Best Graduate Student Oral Presentation.

(l-r) Drs. Marc McKee, Mari Kaartinen, Lawrence Tabak, Véronique Benhamou and Dean Lund.

Jordan Nemes received 1st prize for his presentation "Fear of Dental Implants among Edentulous Patients."

Shahrokh Esfandiari received 2nd prize for his presentation on "Do Seniors prefer mandibular 2-implants overdentures? A ultility measurement evaluation."

Yung-Ching Chien received 3rd prize for his presentation on "Crystallographic modulation of calcium oxalate and calcium carbonate by osteopontin and sunthetic polypeptide."

DENTISTRY'S STUDENT TABLE CLINICS EVENING

After a light dinner on site, all attended the Student Table Clinics Evening organized by Dr. Véronique Benhamou during which our undergraduate dental students displayed, in the form of a Table Clinic, the results of their in-depth investigations into clinical subject areas related to oral health. This new venue was well received and each year the table top presentations get more and more thought provoking.

Third-year students Sylvie Di Lullo and Tamara Finkelstein presenting their Table Clinic entitled "OHI 4 D SNP: Overcoming the Barriers to Core."

Fourth-year students Anthony Seminara and Jason Retter chatting with Dr. Gerald Rudick.

New Table Clinic layout.

CDA/Dentsply Prize
The prize for the best scientific Table Clinic was presented by Mr. Ghislain Guay representing Dentsply Canada. It was awarded to Derek Maheux and Liliya Nikolcheva (both DMD III) for their presentation titled "Extreme Makeover Using E-Model; a Conservation Approach – Orthodontics and the General Practitioner." Derek and Liliya will go on to represent McGill at the annual national competition in Montreal in August.

(l-r) Derek Maheux, Liliya Nikolcheva and Ghislain Guay.

Montreal Dental Club Prize
The prize for the most popular Table Clinic was presented by Dr. Nahabed Mazloumian, representing the MDC. It was awarded to Jung-Wan Martin Kim and Jaime Greenspoon (DMD III) for their presentation entitled "Relationship Between Chronic Oral Diseases and Obesity in Children."

Martin and Jaime also went on to win the **Hinman Undergraduate Student Prize**, for best original research poster.

(l-r) Jung-Wan Martin Kim, Dr. Nahamed Mazloumian and Jaime Greenspoon.

Multidisciplinary Residency Table Clinic Prize
The prize for the best presentation by a Resident(s) was presented by Dr. Stephen Kerner on behalf of the Alpha Omega/Mt. Royal Dental Society. It was awarded to Maxime Vézina, a resident from the QEOHC, on his presentation titled "Reduction of Post-evaluation Side Effects with Natural Innovative Dressing."

(l-r) Dr. Stephen Kerner and Maxime Vézina.

Applied Oral Health Research Undergraduate Award
The prize for best undergraduate table clinic involving clinical research in oral health was presented by Dr. Jocelyne Feine on behalf of the CIHR. It was awarded to Paul Horvath for his presentation entitled "Are Class II Div I/II Patients Satisfied with the Results After Orthodontic Treatment?"

(l-r) Paul Horvath and Dr. Jocelyne Feine.

At the end of the evening a drawing was held for the door prize consisting of a free registration for a one-day Continuing Education Lecture. The prize was presented by Dr. Véronique Benhamou and the winner was Dr. Bill Steinman.

DESTINATIONS

As of the date of publication, the following students from the Graduating Class of 2006 were accepted into residency programs and private practice throughout North America.

ALEXANDER, MEGHAN
University of Connecticut, Farmington, CT

BASTIEN, JEAN-PIERRE
VA Medical Center, Gainesville, FL

BOND, MICHAEL
Danbury Hospital, Danbury, CT

CHEN, JIMMY
Albert Einstein Medical Center, Philadelphia, PA

CHRETIEN, PABLO
Private Practice, Portland, ME

CRIVELLO, ANTONINO
University of North Carolina, Chapel Hill, NC

DAIGNAULT, EUGENIE
University of Pittsburg, PA

DIAMANDIS, ATHENA
Royal Victoria Hospital (McGill)

FARNOUSH, MAY
University of Connecticut, Farmington, CT

FREEMAN, JORDAN
Bronx Veterans Affairs Hospital, NY

HA, JACQUELINE
Private Practice, NY

HORVATH, PAUL
Private Practice, Montreal, QC

KAIPATUR, NEELAMBAR
University of Alberta, Edmonton, AB

KIM, JENNIFER
Boston University, Boston, MA

KATHERINE KOUSAIE
Jewish General Hospital (McGill)

KRILOVA, MARINA
Royal Victoria Hospital (McGill)

LAFLEUR, REBECCA
Montreal General Hospital (McGill)

LEUNG, SHERRI
Lehigh Valley Hospital, Allentown, PA

LI, QIN
University of Connecticut, Farmington, CT

LIANG, GARRICK
University of Connecticut, Farmington, CT

LUU, NGHE
University of Pittsburg, PA

MAHEUX, DEREK
Private Practice, Emeryville, Ont.

MANDICH, MARIE-ALICE
Montreal Children's Hospital (McGill)

MARCHAND, AUBRI
Montreal Children's Hospital (McGill)

NICOLAS, NICOLE
University of Florida, Seminole, FL

NIMEH, MAHA
Montreal Children's Hospital (McGill)

PATEL, AVANI
University of Rochester, NY

RABINOVITZ, ZOEY
Fletcher Allen, Burlington, VT

RETTER, JASON
Jewish General Hospital (McGill)

SEMINARA, ANTHONY
University of North Carolina, Chapel Hill, NC

SHENOUDA, ANDRE
Royal Victoria Hospital (McGill)

STALLAERT, KAREN
BC's Children's Hospital, Vancouver, BC

TRAN, THAI-SON
University of Texas Health Center, Houston, TX

ZOU, JINGYI
Private Practice

Fundraising Highlights

IN RECOGNITION

The following events were held during 2005, to recognize the generous contributions of alumni and friends of the Faculty. Their commitment to the Faculty's spirit and tradition of excellence is an important source of inspiration to Dentistry's students, alumni, staff and dedicated volunteers.

MARCH 8, 2005

McGill Volunteer Thankathon
Martlet House, McGill University

For the first time ever, McGill's Alumni Association/Annual Fund brought together volunteers in Montreal, Toronto and Vancouver to contact donors for the sole purpose of saying "thank you." In Montreal alone, over 1,400 personal conversations took place between donors and volunteers, and the response was overwhelming, and yielded such comments as: "They don't just call us when they want money!"

The Faculty of Dentistry had an outstanding volunteer team, comprised mainly of students from second, third and fourth years. The team benefited from the support provided throughout the evening by Dr. Herb Borsuk, DDS'72, who, with Wendy Schilling and Debbie Larocque from the Faculty's development office, led the cheering section with great enthusiasm and energy.

Lilya Nikolcheva, Dr. Herb Borsuk

Volunteers (l-r seated) Marina Krilova , Nick Makhoul, Debbie Larocque, Liliya Nikolcheva; Volunteers (l-r standing) Sherman Ng, Neelambar Kaipatur, Aubri Marchand, Theresa Lo, Diana Paczesny, Karen Stallaert, Wendy Schilling, Dr. Herb Borsuk, Anthony Seminara

APRIL 20, 2005

Official Opening of the Undergraduate Student Lounge and Computer Room in the Strathcona Anatomy and Dentistry Building, McGill University

Antoine and Anne Horvath

After almost two years of planning, demolition, more planning and extensive construction and equipment purchases, the Faculty finally celebrated the official opening of two major undergraduate student facilities in the Strathcona Anatomy and Dentistry Building. Parents of dentistry graduates were instrumental in making these facilities possible, and they and their families were invited to participate in the opening ceremonies. Also in attendance were many of the Faculty's students, faculty and office staff, who contributed to the overall success of the event.

Student Computer Room

contributed toward the creation of the Computer Room

Skip Kerner, DDS'71, and his wife Stephanie Kerner, parents of Matthew Kerner, DMD'03, together with Yazdi Turner, DDS'74, and his wife Mahnaz Turner, parents of Zain Turner, DMD'03, each made a generous commitment toward the creation of the Lounge.

(l-r) Dr. Skip Kerner, Stephanie Kerner, Mahnaz Turner, Dr. Yazdi Turner, Dr. Zain Turner

Student Lounge

The Faculty also used this occasion to honour the memory of Mrs. Mary Crawford, a long standing and highly respected employee who sadly passed away on November 28, 2003. A plaque acknowledging her commitment to students and staff was placed in the student lounge and many of her family attended the event to share fond memories.

Student participants

Professor Antoine Horvath and his wife Anne Horvath, parents of Judy Horvath, DDS'95, and Paul Horvath, DMD'06, generously

Mary Crawford's family

AUGUST 18, 2005

Plaque Unveiling Ceremony
Jamson T.N. Wong Laboratories in Bone and Periodontal Research
740 Dr. Penfield, McGill University

In recognition of their significant contribution to the creation of the Jamson T.N. Wong Laboratories, Mrs. Pierrette Wong and her daughters Jennifer and Tanya were honoured at a formal ceremony, attended by key members of the McGill Centre for Bone and Periodontal Research and the Faculty of Dentistry. Particularly moving was the attendance of many close family and friends of the Wong family, who were in Montreal to attend the marriage of Jennifer Wong on Saturday, August 20 to Clayton Sherman.

(l-r) Tanya Wong, Jennifer Sherman (Wong), Pierrette Wong

Plaque unveiling – Wong family circle

The event opened with a formal welcome by Dean Lund and a plaque unveiling at the entrance to the laboratories.

Facility tour with Dr. Peter Siegel in foreground

The unveiling was followed by brief presentations by key investigators from the Wong Laboratories, including Drs. Janet Henderson, Svetlana Komarova, Marc McKee and Peter Siegel. The attendees were then invited to tour the facilities and meet with many of the research staff who welcomed the group and gave demonstrations of their current projects. The morning's activities concluded with an exquisite lunch in the main lobby of the building.

The Faculty is extremely grateful to Mrs. Wong and her family for their longstanding support. Their commitment to advance Bone and Periodontal research will continue to have a huge impact on the faculty's ability to attract and retain the best researchers and students. They have helped us to construct a solid foundation on which to build, helping us in our goal to maintain one of the top bone research centres in the world.

A truly family affair

REVOLUTIONIZING CLINICAL TRAINING FOR STUDENTS AND DENTAL PROFESSIONALS

The DMD program has two major components: theoretical and practical. The Faculty of Dentistry has recently developed a way to bridge the two through the introduction of a dynamic audiovisual clinical skills training laboratory.

Construction is now well underway to create a fully equipped audiovisual production centre in the preclinical laboratory in the Strathcona Anatomy and Dentistry Building. This will form the hub of a system that will eventually be linked to all of our teaching locations and clinics, including those in the McGill-affiliated hospitals.

Dentistry students and professionals enrolled in the faculty's Continuing Education program will be the beneficiaries of this state-of-the-art facility. These teaching tools will allow the Faculty to offer practical instruction worldwide via the internet.

This new AV installation will immediately offer a solution to the problem of demonstrating clinical skills to groups of students. When an instructor is demonstrating a procedure on a patient, only one person can see it. Even in the preclinical laboratory, a group of students cannot see into the mouth of a manikin, no matter how wide the demonstrator stretches the rubber cheeks! Now, a camera will provide the clinician's view of the field of operation, and this at very high magnification and with great depth to the image. With this form of digital presentation, both simple and complex treatments can be viewed by a much larger audience. Instead of having one instructor to six students, this system will provide an optimal one-on-one demonstration for the entire class. Furthermore, all demonstrations can be immediately recorded so they can be studied repeatedly by the students, in the classroom or at home.

The clinical demonstrations will eventually form part of an integrated course that will include theoretical information, electronic versions of scientific and clinical articles, case studies and even virtual patients, complete with histories, radiographs, 3-D models and treatment plans.

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Fundraising Highlights

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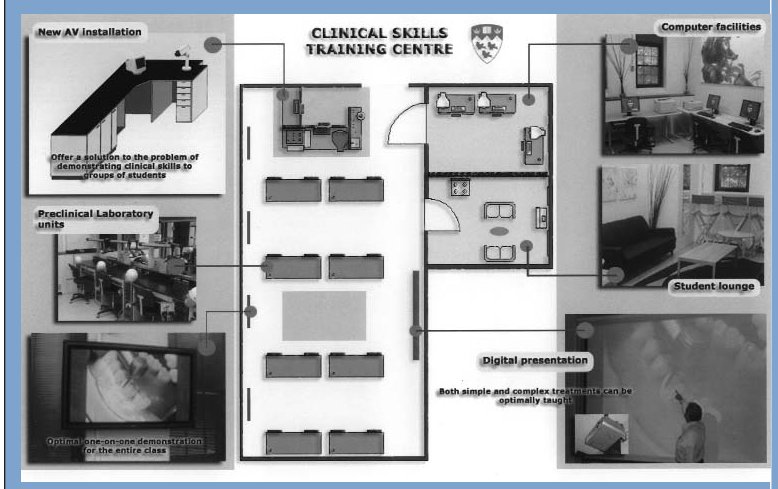
The new installation will help bridge the gap between the theoretical and practical, offering students an innovative and exciting approach to learning. It will also address comments often made by Dentistry graduates attending Continuing Education lectures, who say that they are looking for more hands-on demonstrations of new techniques and technologies by helping the Faculty to respond to the needs of qualified professionals.



Teaching staff respond with enthusiasm

The overall response from teaching staff and students has been overwhelming. It is particularly interesting, however, to note the reaction of a number of teaching staff who came forward early in the project to take full advantage of this extraordinary teaching tool. Dr. Véronique Benhamou (Perio) was the first to use the facilities for continuing education hands-on lectures. She has now introduced her students from third year to the wonders of digital demonstrations. Drs. Peter Chauvin (Pathology) and Irwin Fried (Pedo) have followed suit by relocating a number of their classes to the new facility, in order to benefit from the visual impact provided within this dynamic environment. The future truly holds unlimited opportunities!

Please join the growing number of supporters who have come forward to contribute to a project that will have an immediate impact on clinical teaching. The faculty continues to solicit support in the hope of completing the installation of equipment and the construction of the infrastructure within two years. Most notable amongst the project's donors are **Professor Antoine Horvath** and his wife **Anne**, who became involved at the very outset with a major commitment, together with **Coleman Gertler**, DDS'50, and his wife **Jane**, who recently made a generous gift in support of this key funding priority. In addition to their own support, **Drs. Lino DiLullo**, DDS'78, and **Warren Retter**, DDS'79, have volunteered, as parents of our dentistry students, to contact classmates and colleagues to encourage them to contribute to the development of this project. Their gifts add to those from other alumni and friends to form the building blocks of support on which the Faculty rests its hopes for the future completion of the centre.

THE DR. ERNEST R. AMBROSE CLINICAL PROFESSORSHIP IN RESTORATIVE DENTISTRY

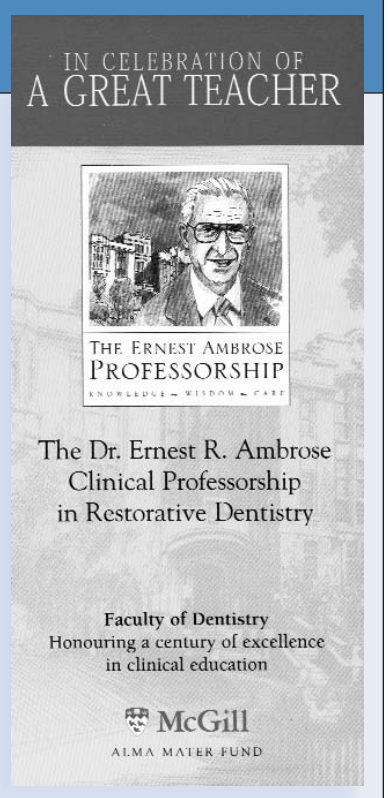
Faculty Announces First Recipient

The Faculty is proud to announce that the first recipient of the Professorship was selected in July 2005, and will begin the school year in July 2006. Dr. Ngoc Tuan Dinh, DMD 1999 is a graduate of the Université de Montréal. He also holds a Master of Science degree from the University of Toronto, combined with advanced specialty training in Prosthodontics. He is a Fellow of the Royal College of Dentists of Canada.

(please refer to page 6 for a complete profile on Dr. Tuan Dinh)

Dr. Doreen Laszlo Receives Top Volunteer Award

The Faculty of Dentistry is delighted to share more exciting news! The McGill Alumni Association recently selected Doreen Laszlo, DDS'69, as this year's recipient of the E.P. Taylor Award. This award is given in recognition of outstanding voluntary service to the McGill Alma Mater Fund. Dr. Laszlo was cited for her significant contributions to the extraordinary success of the Ernest Ambrose Professorship campaign.



The awards ceremony is scheduled to take place on May 23, 2006, at the St. James Club in Montreal and the Faculty looks forward to celebrating this honour with Doreen and her family. Congratulations Doreen!

More Good News

In addition to her role as lead volunteer and major donor, Doreen and her husband Charles Laszlo, BEng'61, MEng'66, PhD'68, recently decided to increase their endowment, created in 2001 to establish the Dr. Ernest R. Ambrose Scholarship in Dentistry, by adding a major gift of $25,000 to the capital of $50,000 already in the fund. This is a true demonstration of their ongoing commitment and dedication to clinical teaching at McGill and to Dr. Ambrose.

A LEGACY OF SUPPORT
THE RENA AND MERVYN GORNITSKY SCHOLARSHIP IN DENTISTRY

by Helen Dyer

"I go to work every day and feel good about what I'm doing. I'm still contributing, seeing patients, doing research and writing papers," says Mervyn Gornitsky, DDS'53.

Dr. Mervyn Gornitsky

Dentistry techniques and technology have undergone big changes since Gornitsky studied at McGill more than 50 years ago, but the 76-year old Emeritus Professor of oral and maxillofacial surgery seems energized by the notion of change as he talks about his work with the enthusiasm of a recent graduate. It's this excitement – and his commitment to his alma mater – that he brings to his students, his patients and his ongoing research. It's also been the catalyst for the creation of a new scholarship, named for Dr. Gornitsky and his wife, Rena, who graduated from McGill with a BCom in 1953. An endowment of $40,000 will fund the Rena and Mervyn Gornitsky Scholarship in Dentistry, to be awarded to an undergraduate student who is entering the fourth year of the DMD program, and has demonstrated exceptional academic performance and initiative in the area of Oral and Maxillofacial Surgery.

"I'm a loyal McGill alumnus," says Gornitsky, "and, under the leadership of Dean Lund, our Faculty of Dentistry has strengthened its position in the world. It seemed logical to fund a scholarship in the field that is of special interest to me."

Dentistry was a natural career choice for Gornitsky. His father's dental surgery adjoined the family home and Mervyn literally grew up in the office where, in the 1930s, his father extracted teeth for 25 cents apiece. "My father often worked into the evening and I spent my early years playing in plaster," he says.

After graduation from Dentistry at McGill, Gornitsky trained in oral and maxillofacial surgery at New York University. A stint in a New York City hospital near Harlem brought him into close contact with the gritty side of his profession as he worked on accident and trauma cases under trying conditions. "We had a 36-hours-on and 12-hours-off schedule, with every second weekend free," he remembers. This "boot camp" experience did nothing to blunt Gornitsky's keenness for a field that was developing rapidly as technological and pharmaceutical innovations pointed to new healing techniques and produced fresh challenges for Gornitsky and his colleagues.

Gornitsky still maintains an office at the Jewish General Hospital, where he was head of the Department of Dentistry from 1971–1998, and where he established a clinic to treat immuno-compromised patients. "Our cases are more severe today," he says, referring to infections resulting from AIDS and the debilitating effects of cancer treatments.

Gornitsky's groundbreaking research continues to attract interest from dental professionals around the globe. His study of a treatment to salvage salivary gland function in radiotherapy patients, published in the July 2004 issue of Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology, and Endodontology, won him the 2005 H. Dean Millard Prize for best article in the "oral medicine" category.

"It's a constantly expanding field" he says, "The main thing is to keep an interest and to maintain an ethical and appropriate way of dealing with patients."

McGILL CENTRE FOR RESEARCH ON PAIN (MCRP)

By Dr. Catherine Bushnell and Sid Parkinson

Expansion and Growth

The year 2005-2006 has been a particularly good one for the McGill Centre for Research on Pain. Of particular importance for the Centre's growth, was it's move into new space, thanks to the support of AstraZeneca.

To briefly remind readers AstraZeneca Canada entered into a partnership agreement with McGill University in December 2004. The commitment, worth $2.5 million over five years was to support the expansion of the MCRP in terms of physical space and research personnel. The first of three suites was renovated and will provide lodging for the administrative hub of the MCRP, as well as core space for both human and animal research. This will mean that the Centre will have the space to support the growing research programs of its members, whether they are based at McGill or its affiliated research hospitals within the MUHC network. The final two suites will be renovated over the next 12 months, and will include the installation of a small animal MRI unit and laboratory space for new recruits to the Centre's academic staff.

In addition to space, the AstraZeneca agreement also expanded the funds available to members of the Centre for research personnel. Five post-doctoral fellows will be appointed by the Centre to work with one or more of its members for two to three years each. These new positions are being advertised internationally, and have given the Centre the financial resources to attract the brightest young minds in pain research to McGill. The first of these, Dr. Magali Millecamps (France), began working with Dr. Terry Coderre in Sept 2005, on a project entitled "Mechanisms underlying chronic post-ischemia pain (CPIP) in the rat: an animal model of complex regional pain syndrome - type I." Two additional post-docs – coming to us from Japan and Germany – will start this spring, with two more to be appointed in the near future.

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Fundraising Highlights

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Faculty recruitment in the field of pain research continues to be a high priority for the University. The most recent recruit is Dr. Maureen Simmonds, the new director of the School of Physical and Occupational Therapy at McGill. Maureen's research interests focus on the impact of pain on physical function across a range of different diseases and disorders. This is a perspective that was previously not present in the pain research program at McGill, so Maureen's expertise will be particularly valuable to her colleagues.

Activities and Programs

The aim of the MCRP is to bring together the more than 30 researchers in the McGill community to promote research that results in improved management of pain. In pursuit of this objective, the Centre organizes a series of professional activities to bring people together. During the academic year, these include Pain Rounds, held once a month, which brings leading experts from around the world to share their expertise with the researchers, clinicians and trainees associated with the Centre. They also include a bi-weekly Journal Club, organized by the trainees of the Centre, and social events such as the annual Christmas Party.

Dr. Basbaum listening intently to student exhibitor

Dr. Gilles Lavigne (Université de Montréal) presenting poster award in the Human-Clinical Category to Philippe Goffaux (University of Sherbrooke)-

Dr. Gilles Lavigne presenting award in the Basic Science Category to Andrea Bailey (McGill University)

The keystone event of the year is the annual **McGill Pain Day**, now in its 10th year. This year's event, held on January 19, 2006, included a poster session which gave all the trainees involved with the Centre a chance to display their research and interact with their fellows in a combined scientific-social event. Winners of the poster competition were announced at the conclusion of the event.

The highlight of the day was the keynote speaker, Dr. Allan Basbaum, BSc'68, from the University of California, San Francisco. Allan, who was born and raised in Montreal, is a world leader in the area of the neurobiological basis of pain and its control. He spoke to an audience of 140 on the subject of "Pain Mechanisms: From Molecules to Circuits."

Reaching out to the Community

One important aspect of the Centre's mission is community outreach. Pain is a widespread problem in Canadian society, and is often poorly understood, even by healthcare practitioners. While Pain Rounds and other CME-related activities perform an important knowledge transfer function to practitioners, the Centre also would like to reach the general public and other non-healthcare specialists with its message. As a result, the Centre maintains a website (http://www.painresearch.mcgill.ca/) and publishes a newsletter. For those interested, the newsletter can be downloaded from the website. Those who prefer a print version are invited to contact the Centre by email:cynthia.macdonald@mcgill.ca, phone: 514-398-8975 or fax: 514-398-8121

McGill Centre for Research on Pain, Faculty of Dentistry, Strathcona Anatomy & Dentistry Building, McGill University, 3640 University, Montreal, QC, H3A 2B2

(l-r) Drs. Allan Basbaum and Fernando Cervero.

GlaxoSmithKline (GSK) must be acknowledged once again for their generous contributions to the Centre, specifically in the area of research on chronic pain. GSK recently completed their two-year commitment, and the Faculty expresses sincere appreciation for the very dynamic and fruitful collaboration it has enjoyed over this period.

Major Event Recognizes AstraZeneca's support

On May 30, 2005, the Faculty of Dentistry represented by Dean Lund, and the Office of the Vice-Principal (Research) represented by Professor Jacques Hurtubise, hosted an event to recognize AstraZeneca's $2.5 million contribution to the MCRP. The event, held at the Montreal Neurological Institute, Jeanne Timmins Amphitheatre, included presentations by both AstraZeneca and McGill representatives and was followed by a cocktail reception.

(l-r) Prof. Christer Köhler (VP, Global Discovery, AstraZeneca); Dr. Jan M. Lundberg (Executive VP, Head of Global Research Discovery, AstraZeneca); Dr. Philippe Walker (VP of R&D Discovery Pain, AstraZeneca Montreal); Dean of Medicine Dr. Abraham Fuks; Prof. Jacques Hurtubise; Dean Lund; former Dean of Science Dr. Alan Shaver; Michael Cloutier (President and CEO, AstraZeneca Canada); Chuck Kaplan (VP, Site Manager, AstraZeneca Montreal)

(l-r) Dr. Philippe Walker, Dean Lund, Dr. Catherine Bushnell, Dr. Ronald Melzack (Emeritus Professor, Department of Psychology)

(l-r) Dr. Gary Bennett, Alan Edwards, Dean Lund, Dr. Andy Dray (Chief Scientist, Pharmacology, AstraZeneca Montreal), Chuck Kaplan

The Centre would like to thank its many supporters, who have contributed towards the realization of this dream. In particular, special recognition must go to **Mr. Alan Edwards of the Louise Edwards Foundation** for his many significant contributions to the Centre and its research.

Alan Edwards

Pain has been formally recognized in the United States government as the fifth vital sign, which has given pain research a tremendous boost. But McGill's pioneering pain treatment and research programs have also gathered plenty of momentum from sources closer to home. The first meetings were attended by eight people, on a Tuesday afternoon in a borrowed room in Surgery. Today the list has grown to more than 120 dedicated pain specialists, drawn widely from hospitals, research labs and pharmaceutical companies in or near Montreal. And volunteers have played a major role in this growth. One of them is Alan Edwards, the Director of Development for the MUHC Pain Centre and a member of the Board of the McGill Centre for Research on Pain (MCRP) and the Advisory Board of the Faculty of Dentistry. "My interest in this field is easy to explain," he says. "My wife Louise had extreme migraines, which could last for 30 or 40 days. She suffered terribly and we talked often about doing something for people with chronic pain." When Louise died just over 25 years ago, Edwards was still running his civil engineering company, Seal Construction. "When I retired a dozen years ago, I envisioned an idyllic existence of boundless loafing," he says. But Edwards had been on a Board with Professor Emeritus Ron Melzack, one of the great pioneers whose inspirational work on pain has brought him international recognition throughout the medical world. "He had made an effort to start the Pain Centre but needed someone who understood funding and there I was, footloose and free."

"It's a growing machine, and I'm one of the cogs," says Edwards of his involvement with McGill's research and treatment effort. Part of this growth has involved the Faculty of Dentistry, – "Jim Lund has brought great enthusiasm to the research," says Edwards. "He has a knack for getting things done. Today, McGill has unquestionably the best pain treatment and research centre in the country."

Edwards was instrumental in establishing the E.P. Taylor Chair in Pain Research, named for his father-in-law, and is president of the Louise Edwards Foundation, which supports research into chronic pain.

FORCE KENNETH C. BENTLEY ALUMNI FUND FOR ORAL AND MAXILLOFACIAL RESEARCH AND CLINICAL EDUCATION

A MAJOR SURGE IN VOLUNTEER AND DONOR SUPPORT

By Timothy Head, DDS'76, MSc'80, and François Riendeau, DDS'83, MSc'87

FORCE had another active and successful year of fundraising for Oral and Maxillofacial Surgery (OMFS) research, at McGill. In addition to the funds raised by FORCE, the Alumni contributions to the Kenneth C. Bentley Alumni Fund grew through greater participation and larger donations. Sincere thanks to all those who have contributed; we look forward to your continued support for the research and educational activities of the Division of Oral and Maxillofacial Surgery.

We would like to thank Dr. Guy Leblanc who joined the Faculty Advisory Board (FAB) sub-committee this year. Guy will work on maintaining the liaison between the alumni and the FAB of FORCE. As noted above, his efforts this year helped us improve the alumni support.

In 2006, two new members will join our FAB. Dr. Alexandre Dostie is an MUHC attending staff and faculty lecturer involved in both clinical and didactic training in the graduate OMFS program. In addition, he has a private practice in Pointe Claire and Longueuil. Dr. Michel El-Hakim will also be joining the board. Michel completed his residency at McGill in 2003, and is currently attending medical school and maintaining a part-time practice in Montreal. As an MUHC attending staff and faculty lecturer, he is also involved in the development of resident research projects. Both of these individuals will be excellent additions to the board.

We would like to recognize

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Fundraising Highlights

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the significant contributions of the following FAB Sub-Committee members, who have contributed more than two years of loyal and invaluable service to the Board: Alain Gignac, Pierre Lapointe, Jean-Marc LeGentil, Arnaud Ratel and Stéphane Verkempinck.

In June 2005, FORCE organized a major fundraising event – its first cyclathon, in collaboration with Premier Studio, a centre renowned, in Montreal, for cycling and high-performance training. Participants completed a 25 – kilometre time trial course on the "Compu-Trainer" computer simulator. The event was declared a resounding success, raising $9,000 for the Kenneth C. Bentley research fund. This event was repeated on March 1, 2006, again drawing tremendous participation and support.

Dr. François Riendeau (centre) leading the pack!!

Among the medal winners, Dr. Tim Head (second from left) and Dr. Antoine Chehade (center)

A fundraising dinner was held on February 22, 2006, at the historic Forest and Stream Club in Dorval. This was a combination dinner/wine tasting event with wines from the Kendall Jackson vineyards. Over $17,000 was raised – another outstanding achievement!

The organizers also used this occasion to recognize the contributions of the following FAB members .

Alain Gignac

Pierre Lapointe

Jean-Marc LeGentil

Arnaud Ratel

Stéphane Verkempinck

Donations from alumni and industry, and proceeds from these fundraising events are used to further the research activities of McGill's Division of Oral and Maxillofacial Surgery. Our main area of research is in bone regenerative technology and its application to reconstruction of developmental and acquired deformities of the maxillofacial region. We are making tremendous advances in this area through our collaboration with colleagues in orthopedic surgery and at the Centre for Bone and Periodontal Research at McGill. Two new projects – studying allogenic bone and resorbable membranes – will begin this summer. A third study, into the serious problem of osteonecrosis of the jaw associated with bisphosphonates, is being developed.

In terms of industry support, special thanks are extended to **Stryker Canada**, in recognition of their major four-year pledge of $40,000, and to **Straumann Canada**, for their recent gift of $10,000.

We would like to thank all those who have supported FORCE and the Kenneth C. Bentley Alumni Fund in the past. We look forward to continued, and increasing participation from all McGill alumni and members of the dental profession for future FORCE events.

DENTISTRY REUNION CLASSES DEMONSTRATE LOYALTY AND SUPPORT

Classes celebrating reunions during Homecoming 2005 demonstrated their commitment to their Alma Mater through their generous support of class projects.

We owe special thanks to these classes and their representatives who worked so hard to ensure success for all involved.

Year	Class Representative	Class Project
1955	Drs. Eric Millar and William Sanders	Outreach Program
1965	Drs. Mel Hershenfield, Peter Andrews, Ezra Kleinman and Gerry Konanec	Endowed Student Scholarship
1970	Dr. Christopher Herten-Greaven	Outreach Program and Table Clinics
1975	Dr. Stan Allington	Outreach Program and Table Clinics
1980	Dr. Neil Peloso	Outreach Program and Table Clinics

Members of the class of 1983, led by Dr. John Drummond, are continuing their fundraising efforts to establish an endowed Student Events Fund.

GRADUATING CLASS TAKES ACTION

The Class of 2005 has left McGill, but not before leaving its mark! The graduating dentistry students made a class gift to the Faculty of Dentistry, as their legacy to future students. The class representatives, Haissam Dahan and Rana Nasseri, asked each classmate for a donation of $25, which was matched by Dean Lund through the Dean's Discretionary Fund. The funds were put towards the purchase of a new computer for students to use at the dental clinic in the Montreal General Hospital. The dentistry class of 2005 had a triumphant 80 per cent participation rate.

Bequests and other planned gifts for McGill University

The Gift of a Lifetime

How does a planned gift work? Is there any financial benefit to the donor who makes one?

A planned gift is a charitable donation arranged during a donor's lifetime but not available to McGill until sometime in the future. The most common type of planned gift is a bequest, but it is just one of many types.

A bequest to McGill University may serve to reduce, by means of a tax credit, the income tax payable by the donor's estate. A planned gift may eliminate or reduce tax on capital gains when appreciated property is given.

For More Information

McGill University, Bequests and Planned Gifts
1430 Peel Street, Montreal, Quebec, Canada
H3A 3T3

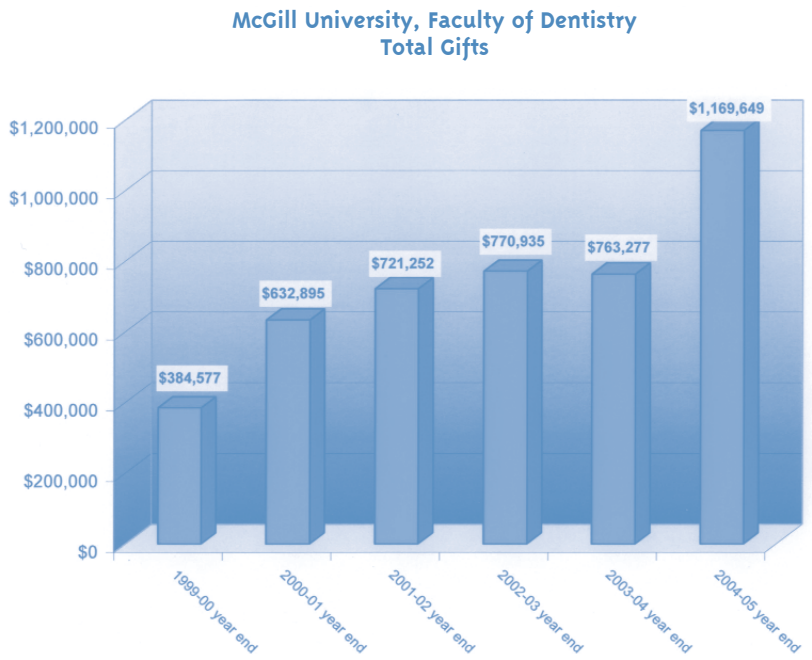
plannedgifts.dev@mcgill.ca
tel.: (514) 398-3560
fax: (514) 398-8012
1-800-567-5175

McGill

www.mcgill.ca/alumni-planned

THE FACULTY POSTS ITS HIGHEST FUNDRAISING RESULTS EVER!

The following graph represents total donations made to the Faculty of Dentistry over the last six years. The Faculty has benefited from an increasing demonstration of support from its alumni and friends, and hopes to sustain this trend for many years to come.



Fundraising Highlights

With Sincere Appreciation

The Faculty of Dentistry wishes to recognize the significant contributions of its graduates to the University and McGill's Faculty of Dentistry. We also gratefully acknowledge the many gifts we have received from individuals, foundations and corporations. The dramatic and immediate impact of your support continues to be felt through the overall success of the Faculty's teaching, research and community programs. You allow us to achieve more than would be possible on our annual budget alone. The Faculty also wishes to acknowledge the exceptional contributions of its many volunteers, who continue to inspire and encourage in their efforts to raise awareness and increase private support.
Results posted for the fund year June 1, 2004 to May 31, 2005 are listed below. They represent the significant impact of private giving and are a true testament to our volunteers' loyalty and hard work.

FOUNDER'S CIRCLE : $10,000+

Mr. Bram and Mrs. Bluma Appel / Maharba Inc
Hernan Briggs, DDS
Dentistry Students / Misc. Gifts
Mr. Alan Edwards / The Louise Edwards Foundation
John P Essepian, DDS and Mrs. Doris Essepian
GlaxoSmithKline Inc
Mervyn Gornitsky, DDS and Mrs. Rena Gornitsky
Groupe Yellow Inc
Guilford Pharmaceuticals
George Hogg Family Foundation
Prof. Antoine and Mrs. Anne Horvath
Doreen E Laszlo, DDS and Dr. Charles Laszlo / Caldor Foundation
Bryan Parker, DDS
Dr. Leonard Pinchuk
RBC Foundation
Straumann Canada Limited
Mrs. Pierrette Wong

GOVERNOR'S CIRCLE : $4,000-$9,999

3M Canada Inc
AstraZeneca Canada Inc
Mr. Christopher Brown
Ian Bruce Campbell, DDS
Thomas Robert M Craig, DDS
Robert J David, DDS
Bruno De Minico, DDS
Normand Gervais, DDS
Kevin L Hargadon, DDS
Walter Kowal, DDS
Alexander A Lieblich, DDS
François Riendeau, DDS
SciCan
Donald Taylor, DDS
Mr. Christopher J Winn

CHANCELLOR'S CIRCLE : $2,000-$3,999

Leo T Abbott, DDS
Beavers Dental
Antoine Chehade, DDS
CIT Financial Ltd
Classic Dental Laboratories Ltd.
George H Dagg, DDS
J Richard Emery, DDS
Endo Pharmaceuticals Inc
Robert W Faith, DDS
Sten E Fersing, DDS
Frank L Frani, DDS
Stanley P Freeman, DDS
Coleman Gertler, DDS
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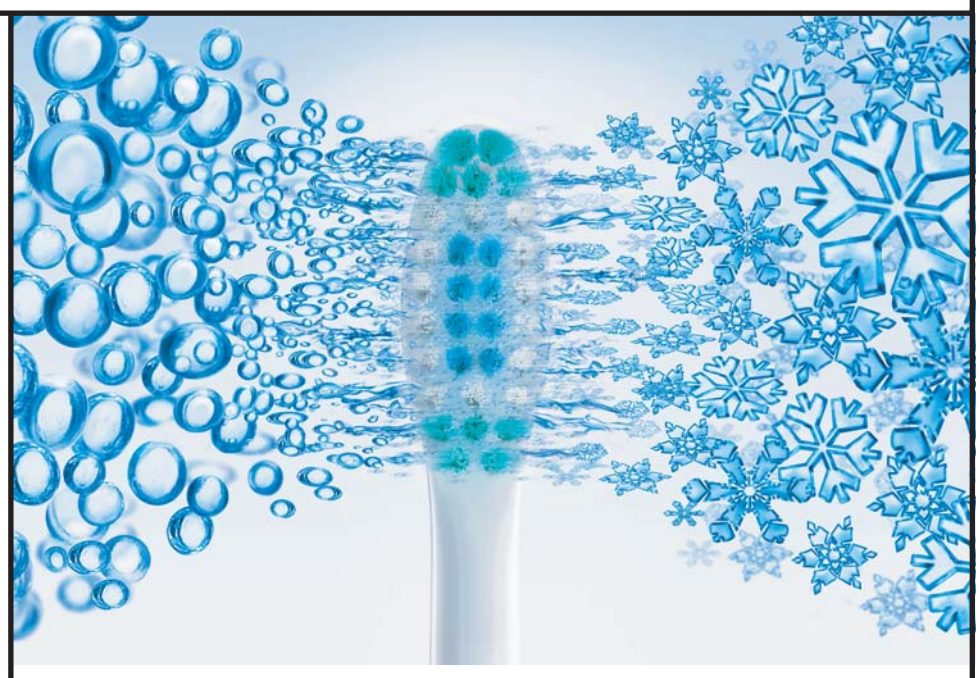

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1. Hope CK, Wilson M. University College London, Eastman Dental Institute. Am J Dent 2002;15(Special Issue):7B-11B. (in vitro study versus the other leading power toothbrush)
2. Donly K. University of Texas. Data on file. (in vivo study)
3. Sorenson JA, Nguyen H. Oregon Health and Science University. Am J Dent 2002;15 (Special Issue):26B-32B. (in vitro study versus the other leading power toothbrush)
4. Based on a 90-day practice-based brand-identified monadic evaluation of Sonicare Elite with Registered Dental Hygienists.

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Email: debbie.larocque@mcgill.ca

CO-EDITORS/WRITERS
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Patrick McDonagh

PHOTOGRAPHY:
Owen Egan
Nicolas Morin
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