ENTRE NOUS

with James Lund, Dean of the Faculty of Dentistry

By Neale McDevitt   Featured in the McGill Reporter January 11, 2007

When he was appointed Dean of Dentistry in 1995, James Lund took charge of a program that was struggling and helped transform it into one of the nation’s most vibrant schools. A former Aussie Rules footballer (“It’s not a good game for dentists to play,” he says, wiggling fingers that just aren’t unnatural angles), Lund isn’t shy to express his opinions on everything from the current state of the Faculty to the medicare system.

It is safe to say that, upon your appointment as Dean in 1995, the Faculty was going through a rough period? When I arrived, McGill had just decided not to close the Faculty – which Senate had voted to do in the early 1990s. At the time, the faculty was considered to be non-academic because faculty members did little research and we had no graduate students. Luckily, there had been a sufficient outcry both from within McGill and from the outside that the decision was made to keep the Faculty open.

As well, six professors – a third of our faculty members – were retiring, but due to budget constraints, the University decided not to replace them immediately. So, yes, it’s just say it was a little tough early on.

How has the Faculty changed since then?

On top of developing both Master’s and PhD programs, we entirely revamped our undergraduate program, so that our students study side-by-side with medical students for the first 18 months before finishing with two-and-a-half years of dentistry courses. We’ve gone from having almost no research to being one of the most research-intensive dentistry faculties in the world, per head. We’re still a very small school, but the productivity of our people is probably the best in the world in terms of research dollars brought into the university. We’ve dropped four areas of research: pain, biomaterials, bone and periodontal research, and things that broaden it into health and society, such as clinical trials, health care delivery and the barriers to health care.

And then there’s your Dental Outreach Program, correct?

Although we were doing some outreach work before, we really started developing it in the late 1990s. Now outreach is a major part of our program and we work with numerous community organizations including Sun Youth, Dans la rue, FaimJeunes, Action Centre, the Old Brewery Mission and the Maimonides Geriatric Centre. We pack up our stuff and treat patients in bingo halls, gymnasiums, cafeterias – wherever we can. Every student is required to participate and, while they do the treatment, volunteer dentists supervise. For procedures that require more time to ensure safety, like x-rays, we refer patients to the clinic we run at the Montreal General Hospital three or four Saturdays a year.

Why is the emphasis on outreach?

First and foremost, because dentistry isn’t covered by medicare, there is a huge need among the population. It is deplorable that teeth are not covered by Medicare while every other part of your body is. Where are young families who are struggling just to make ends meet to do?

Second, young dental students need to meet these people. This is invaluable experience for them.

Finally, we see this as a demonstration project. Forty per cent of Canadian dentists are under the impression that they are going to see a dentis except for an emergency – in poor areas, that number can be closer to 90 per cent. We hope we can prove to the government that one viable option to deliver dental care to the population at a relatively low cost is to create community clinics and staff them with graduating dentists.

Speaking of Medicare, why don’t our politicians take their cue of certain European countries and foot the bill for such procedures as dental implants?

Probably because edentulism – having no teeth – is not something many of our Parliamentarians can experience. As well, we want to update our pre-clinical simulation facilities so they more closely resemble an actual clinical setting. As well, we want to update our pre-clinical simulation facilities so they more closely resemble an actual clinical setting. Of course, all these things require fundraising.

Well, we’ve gotten not only a new clinic, but also a new building, thanks to the huge support of alumni and friends. The good news is that we are planning to move to the Glen Yards area, and that the clinic that we leave behind will be well used. When the Royal Victoria Hospital closes, its Dental Department will transfer to the McGill. The Faculty will take over much of the space now occupied by the Faculty’s McCull Graduate Clinic. We have already outgrown the small clinic and teaching facilities at the McGill, and we will allow us to expand and to install state of the art equipment. We program to consolidate clinical and preclinical teaching at the new building and we will continue to develop our research. We will retain our home in the Strathcona building, and the DMD students will continue in Basics of Medicine/Dentistry Program on campus. We will be sad to move the Undergraduate clinic from its historic home, but we will maintain our links with the MGH through the hospital Dental Department.

On balance though, we gain greatly from the move and from the strong link to the new heart of the MUHC.
Research Matters

A FOCUS ON THE CIHR

By Professor Marc D. McKee, Associate Dean (Research)

For this issue of the newsletter, I have decided to describe in broad terms the agency that funds most of the oral health-related research in Canada. More specifically, I describe one of its institutes, whose mandate is to provide leadership, innovation and research support for maintaining oral health and for elucidating disease and pain occurring in the oral cavity (and sometimes spreading elsewhere).

The Canadian Institutes of Health Research (CIHR) is the Government of Canada’s health research funding agency. It supports the work of up to 10,000 researchers and trainees in universities, teaching hospitals and research institutes across Canada. The CIHR supports the intellectual development of scientists and their careers, and trains the next generation of health researchers.

Funding of research by the CIHR improves the health of Canadians, our health care system and the quality of life. Moreover, the CIHR fosters collaboration across sectors, disciplines and regions to focus on important health discoveries from the academic setting into the marketplace, to the benefit of Canadians and others worldwide.

The CIHR integrates research through a unique interdisciplinary structure made up of 13 “virtual” institutes, which are networks of researchers brought together to focus on important health problems. Unconstrained by bricks and mortar, each institute’s virtual structure encourages partnership and collaboration across sectors, disciplines and regions.

The institutes focus on specific areas, linking and supporting researchers pursuing common goals. Each institute embraces a range of research from fundamental biomedical and clinical research to research on health systems, health services, the health of populations, societal and cultural dimensions of health and environmental influences on health. This integrated approach brings together researchers, health professionals and policy-makers from voluntary health organizations, provincial government agencies, international research organizations, and industry and patient groups from across the country, under a virtual “roof.”

The institute covering oral health is the Institute of Musculoskeletal Health and Arthritis (IMHA). Its mandate is “to sustain health and enhance quality of life by eradicating pain, suffering and disability caused by arthritis, musculoskeletal, oral and skin disorders.” IMHA’s mission reflects that of the CIHR — “to excel, according to internationally accepted standards of scientific excellence, in the creation of new knowledge in all areas relevant to arthritis, rehabilitation, bone, muscle, skin and oral health, and to translate that new knowledge into improved health for Canadians, more effective health services and products, and a strengthened Canadian health care system.”

IMHA addresses causes, prevention, screening, diagnosis, treatment, support systems and palliation for a wide range of conditions related to bones, joints, muscles, connective tissue, skin and teeth. IMHA focuses on three Strategic Research Priorities:

1) Physical Activity, Mobility and Health
2) Tissue Injury, Repair and Replacement
3) Pain, Disability and Chronic Disease

IMHA employs several strategies in moving its mission forward.

Extended Family

In August 2006, McGill’s Faculty of Dentistry became an official “sister” faculty of Tokyo Medical and Dental University’s Faculty of Dentistry Graduate School. Through this arrangement, both institutions agree to promote academic collaboration and scholarly exchange, including:

• basic and clinical research
• graduate studies and continuing education
• exchange of information and materials in fields which are of interest to both parties
• exchange of faculty and staff
• development of student exchange programs

Advisory Board, and two faculty members, Professor Marc D. McKee and Associate Professor Maryam Tabrizian, currently serve on this board — either of them may be contacted for more information about IMHA and its activities (marc.mckee@mcgill.ca, maryam.tabrizian@mcgill.ca).

Finding new ways to help people saliva

IMHA story featured in CIHR Newsletter (scheduled for print spring 2007)

MONTREAL: Dr. Simon Tan is combining his expertise as a periodontist and a scientist to develop treatments for people who cannot salivate properly. The McGill University researcher is leading a CIHR-funded project examining the use of adult bone marrow-derived cells to repair injured salivary glands. In Canada, the disorder affects about 160,000 people with the autoimmune disease called Sjogren’s Syndrome, and approximately 4,000 new people annually who receive radiotherapy as part of their head and neck cancer treatments. People with damaged salivary glands have chronic dry mouth, difficulty swallowing, severe tooth decay and infections of the throat and digestive system. There is no adequate treatment and most patients are in constant discomfort and pain.

Dr. Jake E. Barralet, Associate Professor
Member of the Jamson T.N. Wong Laboratories’ Research Team Announces Major Breakthrough

BONING UP ON GRAFTS

McGill Reporter, March 15, 2007
By Neale McDowell

Need a bone graft? Get a printer, say Jake Barralet and his fellow researchers

While you were throwing out that old ink-jet printer that was clogging dust on your desk, intrepid McGill researchers were using a similar technology to make bone grafts. As reported in Le Devoir and Chemical and Engineering News, Dr. Jake E. Barralet and his colleagues have adapted an ink-jet printer to produce three-dimensional bioceramic “bones” that could one day be used as biodegradable platforms for regenerating missing or damaged bone in patients. In lieu of ink, the printer shoots phosphoric acid in a specific pattern on a layer of calcium phosphate powder. Like a CT scan, the image is created one layer at a time. The Canada Research Chair in Osteoinductive Biomaterials hopes that the new technology will pave the way for breakthroughs in reconstructive surgery or other types of bone repair.

This work, originally published in the journal Advanced Materials, was also featured on CBC Radio, Quirks & Quarks, with host Bob McDonald.

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A CLOSER LOOK AT PAIN RESEARCH OPERATIONS

PEOPLE MAKING A DIFFERENCE

By Patrick McDonagh

Researching a Low-Pain Diet

Here is food for thought: certain diets might help reduce chronic pain. “There are so many aspects to chronic pain that one’s environment must have an effect,” says Yoram Shir, Director of the Pain Centre at the McGill University Health Centre (MUHC). “And no one has looked at the dietary profile of chronic pain patients.”

His current work on soy protein-enriched diets has shown positive preliminary results, and his group at the MUHC Pain Centre has also begun to explore the impact of supplementing diets with omega-3 in an attempt to counter certain types of chronic pain. The MUHC Pain Centre team includes collaborators from other disciplines who carry out clinical and basic research treatment, in addition to developing education programs for clinicians and patients. “We are really involved from the bench to the bedside here,” says Shir.

Breaking the jaw-breaker

Temporomandibular pain – pain located in the jaw muscles and temporomandibular joint – is debilitating, and James Lund, Dean of Dentistry, is committed to understanding it better. “We have evidence that muscle spindles, which normally set the length and rate of contraction of muscles, are behaving abnormally in this type of pain,” says Lund. “So we’re trying to learn how this behaviour develops and interacts with the pain transmission system, both within the brain and out in the muscle itself.”

One consideration is that abnormal firing of the muscles spindle sectors causes the release of a neurotransmitter within these spindle receptors themselves, which then could trigger much finer nociceptor, or pain-sensing fibres, which are also within the muscle spindle. The result: a chronic pain in the jaw and muscles that are extremely tender to the touch. “We are currently working with animal models, but the research relates directly to clinical syndromes,” he says.

The Social Aspects of Pain

It’s not just people who feel bad when they see others in pain. So do mice, according to the recent and highly publicized research by Psychology professor Jeff Mogil, holder of the E. P. Taylor Chair in Pain Studies as well as a Canada Research Chair. “Pain is modulated by empathy in humans and we find that’s true also in mice. And if we can find the actual mechanisms – genetic or neurochemical, for instance – that are responsible in mice, we can learn about social influences on pain in humans as well.”

His research focus has recently shifted from the genetics of pain to its social aspects, as pain is a useful tool for studying the neuroscience of social behaviour. “If you challenge animals by putting one in pain, it affects how they interact,” he explains. Insights from Mogil’s mouse studies have already led to further research on humans by his Pain Centre colleagues.

Tracking Pain at the Molecular Level

Hyperalgesia, an unpleasant phenomenon when pain from one source is magnified beyond that source. “If you have pain from an internal organ – the heart or gall bladder, say – you may feel pain in the surface of the body, or in the muscles or joints around it,” says Fernando Cervero, professor in Dentistry and Anesthesiology and Director of the Anesthesiology Research Unit. “We are looking at molecular structures, both at the point of injury and in the neurological system, that may be responsible for this condition,” he explains.

In collaboration with Cathy Bushnell, Cervero is establishing a facility for imaging the brains of small lab animals in order to better understand neurological activity during hyperalgesia. “Even when we work with molecules and cells, our research is in sync with people who are investigating clinical applications,” he stresses. “Our ultimate object is to relieve people’s pain.”

Pain in the Brain

Catherine Bushnell, professor of Dentistry and Neurology, the Harold Griffith Professor of Anesthesiology and Director of the McGill Centre for Research on Pain (MCRP), is renowned for her research into the psychological modulation of pain, exploring how the brain functions when one’s attention or emotional state alters pain perception. She is currently studying thrombomylagia, a chronic pain syndrome that occurs predominantly in middle-aged women and is characterized by a diffuse pain and tenderness over the body. “It’s often dismissed as being ‘all in your head,’” she says. “But we’re finding that it may be all in your brain.” Indeed, her research shows that the patients with thrombomylagia lose grey matter at a rate faster than normal. The correlation, along with similar findings from other studies, suggests that chronic pain may excite cell toxicity. “One hypothesis is that if you over-stimulate cells repeatedly, eventually the neurons burn out,” she says. “So that’s what we are testing now.”

Treating Painful Treatments

Some of the best chemotherapy drugs for treating solid cancer tumours have a nasty side effect: a neurotoxicity that causes extreme pain for almost 20 per cent of patients, sometimes lingering for years after treatment ends. “This limits the dosage and often terminates the therapy prematurely,” says Canada Research Chair Gary Bennett, jointly appointed in Dentistry and Anesthesiology. His research suggests that the chemo drugs are damaging the nerve cells’ mitochondria.

“If mitochondria are weakened, cells cannot maintain an electrical gradient across their membrane and start to discharge spontaneously,” he explains. “And if a pain fibre is discharging spontaneously, you feel spontaneous pain.” One promising candidate to help protect or even repair mitochondria is acetyl-L-carnitine, found in meat and nuts, and animal tests have been positive. Bennett is now searching for funding to carry out clinical trials. “We expect it will work,” he says. “And since it’s in food, it’s reasonably certain that it’s safe.”

Research Matters
I ntractable pain is a major cause of human disability, diminishing quality of life and accruing enormous socio-economic costs, including direct health care costs and loss of productivity (estimated at $125 billion/year in the U.S. alone). It remains a devastating silent epidemic, affecting more than 20 percent of the Canadian population, a prevalence that increases dramatically – up to 50 percent – with age. In its continuing efforts to help find solutions to the problem, the McGill Centre for Research on Pain (MCPR) recruited new expertise and expanded its research programs in 2006-2007.

New Recruits

Michael (Mick) Sullivan is a senior investigator in the Department of Psychology who is interested in the psychology of pain and disability in clinical settings. Sullivan is known worldwide for his research on the relation between catastrophic thinking and pain experience, and for the development of community-based approaches to the management of pain-related disability.

Laura Stone and Celine Gelinas are two junior faculty members who have also joined McGill. Stone in the Faculty of Dentistry and Gelinas in The School of Nursing. Stone is interested in the biochemical and anatomical correlates of chronic back pain. Her research uses both animal models and human pain patients to identify the events that lead to chronic back pain. Increased understanding of the causes of back pain will help guide the development of more effective therapies. In a second area of interest, Laura studies the enhanced pain relief that occurs when combinations of pain-relieving drugs are administered together. The use of combination therapies to treat chronic pain is increasingly common and more information is needed to optimize this strategy.

Gelina’s research focuses on pain assessment and management in critically ill adults. She is interested in the behavioural and physiological indicators for pain assessment in mechanically ventilated and/or unconscious patients, for whom she recently developed and validated a tool entitled the Critical-Care Pain Observation Tool (CPOT). She also works on the development and testing of nursing interventions for pain management in critical care settings.

Maintaining our Strengths:

Programs and Community Outreach

McGill Pain Day, our flagship event held January 25, 2007, was fortunate to have Dr. Judy Paice, a professor at Northwestern University and the current President of the American Pain Society, as the keynote speaker in this, the 11th year of the event’s history. Judy, a registered nurse, works in the field of cancer pain and spoke as the keynote speaker in this, the 11th year of the event’s history.

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ASTRAZENECA POSTDOCTORAL FELLOWSHIP PROFILES

The MCPR-A2 postdoctoral fellowship (PDF) Awards were launched as a result of a partnership established between McGill and AstraZeneca Canada in 2004. Five PDFs have been appointed to date, each for a two-year term, with five more to be appointed over the next three years. Thanks to this partnership, the following important research efforts are underway:

Michael LaCroix-Pallot, PhD

The role of genetics in the experience of pain

Variability in pain sensitivity between individuals is known to be partly mediated by differences in genetic makeup. We have previously used a powerful genetic technique to map the locations of the mouse genome responsible for variability in pain caused by inflammation. My work aims to test the involvement of two of these candidate genes, ATP1B3 and AVPR1A, in mediating variability in inflammatory pain. This research holds promise not only for identifying new targets for the therapy of chronic pain, but also seeks to expand our understanding of the basic mechanisms of how pain is transmitted in the nervous system.

Dave Seminowicz, PhD

Pain can change your brain

My work looks at how brain structures involved in sensory, emotional, and cognitive aspects of pain are altered in long-term painful conditions. I will use MRI to image the brains of humans and rats. The purpose of this work is to pinpoint brain areas and networks affected by long-term pain. The research can be geared to protecting those areas and potentially reducing the many symptoms associated with chronic pain.

Harunor Rashid, PhD

Chronic pain and “sensitized” neurons

My investigations centre on the cellular mechanisms of chronic pain. Many of the chronic pain states which are found in humans lack effective therapies, primarily due to the fact that our understanding of their underlying mechanisms is poor. At present, I am studying wind-up in animal models of chronic pain. I believe that this study could ultimately identify potential target mechanisms for the treatment of chronic pain in humans.

Magali Millicamps, PhD

How can a sprained ankle lead to a life of pain?

I’m working on a rodent model of CRPS-1 (Complex Regional Pain Syndrome type 1) also called Reflex Sympathetic Dystrophy Syndrome. CRPS-1 is a chronic pain syndrome usually occurring after a deep tissue injury (fracture, sprain) where there is no clinically confirmed nerve injury. CRPS-1 affects millions of people around the world and there is presently no efficient treatment.

PETRA SCHWEINHARDT, PHD

How does the brain create pain relief when a sugar pill is given?

The outcome of any medical treatment is not only determined by the specific action of the therapy, but also by beliefs and expectations of the patient. Because of expectations, many patients report less pain when they are given a sugar pill that they think will make them better. I am conducting a series of studies to understand how this placebo effect works.
Research Matters

**McGILL CENTRE FOR RESEARCH ON PAIN continued**

**Expanding Laboratories and Resources**

Physically, the MCRP continues to expand on campus. New labs for recent recruits have been established in the Genome Building, thanks to the support of the Louise Edwards Foundation and to the partnership with AstraZeneca Canada. Added to the animal and human testing facilities reported on previously, this year will see the launch of a new small-animal imaging facility, new microscopy facilities, an animal procedural bay, and wet labs for two faculty members. The Centre was also fortunate to secure the support of the Quebec Pain Research Network in establishing the animal behavioural testing facility and the small-animal imaging facility as research platforms in this Network, augmenting the resources these facilities will be able to draw upon and securing their recognition as sources of technical expertise for pain researchers throughout the province.

**fMRI FACILITY**

Opening in spring 2007, the McGill Centre for Research on Pain and the McConnell Brain Imaging Centre of the Montreal Neurological Institute have established the first small-animal (rodent) imaging facility at McGill. This facility, which features the 7 Tesla Bruker Phasematic fMRI at its core, will open up a new area of potential investigations for McGill researchers. Since the 1990s, the usefulness of fMRI investigations in human experimental paradigms for pain research has been well-established. The time is now ripe to explore what studies in existing animal models of pain will tell us, and how they might help cross-validate the applicability of existing animal and human pain models to clinical conditions.

Expertise to do so is well-established at McGill. Dr. Barry Bedell, the Centre’s Director, was amongst the pioneers of human brain imaging in pain research, and the Centre is well-staffed by experts in animal models of pain conditions, from Gary Bennett — who created one of the earliest models of neuropathic pain in rats — to Fernando Cervero (visceral pain), Jeff Mogil (genetics and sex/gender differences in pain perception) and Terry Codere (CAPS models), amongst many others.

Added to this team will be Barry Bedell, who is the Director of this new imaging facility. Barry is an assistant professor in McGill’s Department of Neurology and Neurosurgery, and in the faculty of Dentistry, and directs the Small-Animal Imaging Laboratory (SAIL) at the Brain Imaging Centre. Bedell’s research focuses on bridging multiple disciplines, including imaging, pathology, chemistry, molecular biology and informatics, to create holistic pictures of animal models of CNS diseases. Through the creation of disease-specific integrated technology platforms, Bedell is able to rapidly evaluate the efficacy of novel experimental therapeutic agents for the treatment of various CNS disorders. With the launch of this new facility, his expertise will be added to that of Centre members in examining the problem of chronic pain.

The Centre would like to thank the many people who have made this facility a reality, including Dean Lund, who was strongly supportive of the project from its inception, and the Louise Edwards Foundation for their financial support of the Centre and its research endeavours.

On February 13, 2007, Principal Heather Munroe-Blum hosted a reception in honour of Mr. Alan Edwards, in recognition of his support of the Directorship at the McGill Centre for Clinical Pain, and his generous support overall of the University and the McGill University Health Centre.

**Steadfast Friend Dies at 80**

By Cathy Bushnell

Mr. Alan Edwards, who gave his time, energy and financial support to McGill for more than 20 years, helping McGill clinicians and scientists address problems of chronic pain and childhood learning disabilities, died in his Westmount home on March 11, 2007, surrounded by his family and closest friends. Mr. Edwards’ support of McGill began in earnest in 1970 with the Montreal General Hospital Learning Centre, which was a pioneering force in the research and treatment of childhood learning disabilities, at a time when little was known in this field.

During his years of involvement with the McGill-MCH Learning Centre, Mr. Edwards arranged for funding of the newly created Taylor Adolescent Program, a highly successful clinical program for high school students with significant learning disabilities. More recently, he has supported the Montreal Fluency Centre, a non-profit centre for the treatment of young children with speech and language disorders, continuing his longstanding commitment to helping children with learning and communication disorders and their families.

Beginning in the early 1990s, Mr. Edwards worked with Ron Melzack and Joseph Straford to found the MUCB-Montreal General Hospital Pain Centre, where he remained the Director of Development until his death. Patients who had suffered chronic pain for years or decades came to this centre as a last resort and found a caring and dedicated group of doctors from many medical disciplines. Mr. Edwards always maintained a highly visible presence at the centre and worked diligently to create a facility that would become known as one of the best in the world. Unlike many fundraisers, he was passionately and energetically involved in the work for which the funds were being raised.

In 2003, the McGill Centre for Research on Pain was formed, with the mandate to promote basic and clinical study of pain mechanisms and treatment. From its inception, Mr. Edwards was a staunch supporter, raising funds for renovations and staffing of facilities. But he was always most passionate about supporting young scientists and clinicians, which he did through the creation of the Ron Melzack Clinical Fellowships and the Louise Edwards grants. Mr. Edwards recently provided endowed funds to support the Directorship of the MUCB-Montreal General Hospital Pain Centre. Together with the Louise Edwards Foundation, he also established three endowed funds to support clinical and basic research on pain at McGill. In large part due to the generosity of Mr. Edwards, McGill is a world leader in the study and treatment of pain.
complex procedures carried out. 

The Outreach program has a profound impact on those people it serves. Terri Hill is a clinical nurse for Dams la rue, an organization that assists Montreal's street youth. "The need is great, and the kids appreciate it so much; they even look forward to it," she says. "It has an impact on everything from the patient's self-esteem to their overall health.

The interaction between the dental students and the street kids is nothing short of amazing, says Hill. "You can see the students hesitating a bit at first, but once they start talking with the kids and realizing these are just regular people, they are able to see past the tattoos and piercings and dress. And the kids are interested in their health, which is encouraging to the dental students because they launch into teaching oral hygiene and the kids are very receptive."

"It has an impact on everything from the patient's self-esteem to their overall health. "

Terri Hill 

Graduating student Sam Malkinson knows the program thoroughly and praises the professional benefits it brings. "The patient population affords us the opportunity to observe and experience some forms of oral disease and dysfunction not prevalent with our regular clinic patients," he says. "So it's to our advantage to be exposed to all levels of oral healthcare in as diverse a patient population as possible, and the experience we get is rounded out that much more by the unique nature of the patients involved in the Outreach Program."

The program has grown since its inception in 1998. Dobby and Li, both early volunteers, eventually assumed responsibility for coordinating the program and have witnessed profound changes. On some evenings Li and Dobby had so few patients they had to bat the street home, without free dental care. The facilities, too, were initially much more primitive. As Denysours recalls, "At first we had only two little chairs and the compressor was powering off every five minutes. Now we have a reputation as a very viable, useful program," says Li. "We have no problem getting patients, or volunteer dentists either."

But running free dental clinics is not a cut-rate endeavour. Dental equipment does not come cheap, a small dental mobile unit costs about $6,000, larger ones $8,000. Then there are hand pieces, chairs, lights, cables, compressors, and the other accoutrements of the mobile clinic – all purchased with money raised through donations. And, of course, there are the expenses incurred with each clinic.

"The patient population offers us the opportunity to observe and experience some forms of oral disease and dysfunction not prevalent with our regular clinic patients" Sam Malkinson

"And I'm learning new procedures as I go along. Indeed, for many students, the clinic serves as an introduction to the profession. "This is one of my first experiences of real dentistry," says second-year student Kinga Baoaski, serving as Moore's assistant.

"The patient population affords us the opportunity to observe and experience some forms of oral disease and dysfunction not prevalent with our regular clinic patients" Sam Malkinson

"The prevention aspect of the Dental Outreach program is huge. A lot of people it reaches have serious health problems and are living on the margins already," says Foundation spokesperson Grace Hogg. "And dental health gets left behind so often."

But while the program is providing essential services for the community while training young professionals, it also has perks for the volunteer dentists. "We have fun," stresses Desnyours. "And we don't need to go abroad to work as dental volunteers – there is so much to do right here." Indeed, working in the city's Outreach program was Denysours' first step toward becoming an international volunteer on issues like Guatamala and Honduras. And Dobby proudly recounts a recent meeting with a McGill dentistry graduate now working in a public health clinic in San Francisco. "I don't know if our program helped her make the decision to do community dentistry, but we need more dentists doing that kind of thing," he says. "Our cities are filled with people who need it."
COMMUNITY OUTREACH continued

OUTREACH PROGRAM RECOGNITION EVENT
April 4, 2006  Atwater Club, Montreal

The Faculty hosted a cocktail reception to recognize the significant contributions of volunteers and donors to the Outreach Program. Due to the tremendous response, we hope to hold this event on an annual basis. The Faculty also used this opportunity to thank Judiann Stern for her many years of service with the Program. Judiann left McGill and the country in pursuit of wedded bliss in Iowa.

CONFERENCES

Colloquium on Access to Dental Care for the Underprivileged in Quebec
April 21-22, 2006 Delta Hotel, Montreal

As with the rest of the Western world, the oral health of Quebec’s population has improved over the last three decades. Nevertheless, oral diseases, their symptoms and their functional, psychological and social impacts remain highly prevalent among some social groups. Those who are underprivileged and physically and/or cognitively impaired are those most affected by oral diseases and they have the poorest access to dental care.

At the request of the Quebec Department of Health and Social Services (MSSS), Dr. Paul Allison, a researcher in public dental health at McGill University, wrote a report on the problem entitled “Access to Dental Care for the Underprivileged in Quebec: A Description of the Problem and Potential Means to Address It.”

One of the report’s recommendations was the organization of a colloquium with the goal of developing plans to address the situation. The MSSS, the Ordre des dentistes du Québec and the Ordre des hygiénistes dentaires du Québec agreed to help in planning this event. Thus, the colloquium entitled “Les voix d’accès – Pour un meilleur accès aux soins dentaires pour les personnes défavorisées au Québec” was held in Montreal April 2006. Conference participants included dentists, dental hygienists, denturologists and dental assistants representing organized dentistry, academia, government, private practice and other fields of the dental professions. Representatives from a cross-section of underprivileged groups, as well as organizations that provide health and social services to Quebec’s underprivileged also participated.

Approximately 80 invited guests attended. Presenters included our Faculty’s expert in the field, Dr. Christophe Bredos, along with Dr. David Roy of the Université de Montréal Centre de Bioéthique, who presented on society’s and the profession’s ethical responsibility to care for the underprivileged. Powerful testimonials were delivered by patients and dental professionals on issues related to accessing care and providing care to the underprivileged. As volunteers, Drs. Louise Desnoyers and Michael Wietsman presented on the Faculty’s Outreach program. At the conclusion, workshops were organized to identify problems of access to dental care and possible solutions.

CONTINUING EDUCATION

A PERSONAL REFLECTION
The Lifelong Education of Robert David DDS’62
Chair, Continuing Dental Education
By Patrick McDonagh

“I’ve always participated in continuing education for my own growth,” says Robert David. “I find it exciting, and it keeps me current with new developments.” In his capacity as Chair of the Continuing Education Committee for the past nine years, he has been able to share this passion with the Montreal dental community.

“The Committee tries to gauge the professional environment when it selects its topics,” he says. “We ask ourselves, ‘What’s hot now? What have we not touched on for a while? What has changed radically?’”

Last fall’s Implant Extravaganza, held in conjunction with the Université du Montréal, is a case in point. The latest developments in implant dentistry were presented by leading implant researchers and practitioners from across North America. “It went really well, and we hope to hold a similar event next year, on the CAD/CAM manufacturing of dental restorations,” he says. Currently, continuing education sessions are presented by experts in their field drawn from McGill and the professional community across Canada and the United States, who present the latest research findings as well as the most up-to-date clinical procedures and therapies. The CE presentations are primarily PowerPoint-enhanced lectures which, at times, also include a hands-on component. “Soon we will be including live surgeries with an interactive component, where the audience can watch the procedure and interact with the person doing it,” he says. There are also plans for a mentoring program whereby participants from a session could then follow it up with treatment planning seminars related to their real-life cases. For instance, the dentists could meet with a team of specialists involved in a procedure, such as implant restorations, to discuss how to approach a case. “It would probably be similar to medical rounds, with several people discussing one case,” David says. “All of us will learn from the experience.”

David’s job as chair is carried out on evenings and weekends, packed among his other responsibilities to his family, his private practice in restorative dentistry, and his McGill teaching job as an associate professor. “McGill’s Dental Faculty strives to instill in its graduates a desire for lifelong learning. When students graduate, they’re passionate about their profession, and the key is to keep that feeling alive by having them understand the need and the thrill of participating in CE events,” he says. “If they do the same old things that others are performing when they graduated, dentistry can soon become dull. Through continuing education sessions, we try to help them retain the passion and enthusiasm that they had at graduation, so that their chosen career will never lose its luster.”

CONTINUING EDUCATION’S BIGGEST EVENT EVER
McGill University and the Université de Montréal present an IMPLANT EXTRAVAGANZA

On December 1 and 2, 2006, McGill University hosted a major continuing education program at the Ritz Carlton Hotel in partnership with Université de Montréal. This two-day event featured lectures by four leading experts on the topics of implant technology and restorative dentistry and drew over 160 participants.

Izchak Barzilay, DDS, Cert Prosth, BCDC(C), MS
Mount Sinai Hospital and University of Toronto
Implant Committee – Innovative Methods to Connect the Restoration to the Implant

Lyndon Cooper, DDS, PhD
University of North Carolina, Chapel Hill
Biology vs Technology – Winning with Optimal Dental Implant Esthetics

Implant Design Factors and Clinical Progress for Immediate Loading

Frank L. Higginbottom, DDS
Baylor College of Dentistry and University of Texas Technology, Innovation, and Continued Simplicity

Astratech Dental, A Nobel Biocare Company andStraumann.

The wine and cheese reception was sponsored by Wyeth Consumer Healthcare.”

The Lectures were generously supported by Astratech Dental, A Nobel Biocare Company and Straumann.

The wine and cheese reception was sponsored by Wyeth Consumer Healthcare.

Readers interested in Career Opportunities can visit our website at: www.med.mcgill.ca/med-careers

For more information about the McGill University Faculty of Dentistry, please visit the Faculty of Dentistry’s website at: www.mcgill.ca/dentistry

NEWSLETTER OF THE McGILL UNIVERSITY FACULTY OF DENTISTRY 2006-2007
CONTINUING EDUCATION continued

NO MORE SLIP-SLIDING AWAY
Dental Implants Give Patients More Bite
By Naile McDevitt
Featured in the McGill Reporter December 7, 2006

The problem with traditional dentures is that they are held in place by little more than a dab of gluey gel, they slip and slide at the most inopportune times. Rather than deal with the aggravation and embarrassment of teeth that pop out mid-burger, denture wearers are responding to questions. The teacher's computer screen would show a histogram indicating how many students answered the question correctly. It could also show how each student answered individually. It provides a pedagogical x-ray of the class," says Horvath, "helping the teacher adjust his teaching strategy." Horvath also refined the system over four years into the early '90s, validating its applications, because it was wine-dependent and costs for the remote controls wielded today by Abi-Nader's students. He also developed a pedagogical theory for interactive teaching, which would help professors in implementing such a program.

"You're looking at teaching that is being marketed successfully by several companies. There is another challenge, though, if a teacher who owns the classroom turns into an informative tool, it will also transform the teacher's approach. "Imagine all of a sudden you have this feedback, with meters that tell you that people don't understand," says Horvath. "That makes teachers feel insecure. Sometimes their whole philosophy has to be reevaluated."

The feedback system requires a healthy dose of pedagogical counselling, says Horvath, but once teachers pass through this initial phase, it becomes a powerful, even addictive tool. True to these predictions, Abi-Nader initially felt uncertain about how to use the tool. "We discussed its use for quite a few hours, determining how to integrate it helpfully with his teaching model," says Deschesnes. "My own experience was very negative initially," says Abi-Nader. "You explain a notion and ask a question expecting that everyone will get it, but only 20 percent do — and your jaw drops."

"It provides a pedagogical x-ray of the class," says Horvath, "helping the teacher adjust his teaching strategy." Horvath explains that information can streamline teaching in some respects. "We don't need to ask every question expecting that everyone will get it, but only 20 percent do — and your jaw drops."

"The implants have changed my life," says Feine. "I smile even when I sleep — I smile even when I sleep because I'm so happy." This sentiment is echoed by Lise Deschesnes, another implant recipient from the study. "The implants have changed my life," she says. "I only hope they continue with students like this one so that, one day, everyone can benefit."

"I think images are the ultimate in conveying information, especially when that information is technical and requires a skill to be developed," says Abi-Nader.

"We discussed its use for quite a few hours, determining how to integrate it helpfully with his teaching model," says Deschesnes. "My own experience was very negative initially," says Abi-Nader. "You explain a notion and ask a question expecting that everyone will get it, but only 20 percent do — and your jaw drops." The teacher's first reflex is usually to ask: "What is wrong with my students?" The quick reaction is to say: "What is wrong with my teaching?" — a question that can shake one's confidence. "But this information helps you understand the holes in your teaching, and you develop new ways to get knowledge across to students," says Abi-Nader. The remote controls give the professor a clear sense of whether students understand important concepts — and whether they are prepared to advance to the next stage. The data collected could be global, showing the entire class's response to a question, or it could track each individual's responses — making it possible to run informal (or formal) quizzes. While this information can streamline teaching in some respects, Abi-Nader notes that in other cases it has slowed his passage through the curriculum, as he has struggled to find ways of conveying crucial, fundamental information so that all students understand. But after six months of interactivity, he is hooked. "It's made me a better teacher," he says. "And my students love it. They feel they are participating in the lecture."

Other faculty members have been watching the experiment with interest, and students have been asking whether it will be introduced to other courses. There is a steep learning curve, Abi-Nader cautions. "I want to package this technology nicely so people aren't discouraged. We need to be prepared to provide both technological and pedagogical support."

So Abi-Nader meets regularly with Horvath, discussing ways the faculty can fruitfully adapt the technology to its curriculum. As both stress, the technology is a tool, and must be integrated only where it will be useful. "This definitely has its place in education, and has made classes a lot more interesting for me and my students," says Abi-Nader. "They know there will be questions. And then they'll have to click."

Dental Implants Give Patients More Bite
By Neale McDevitt
Featured in the McGill Reporter December 7, 2006

By Patrick McDonagh

A roomful of students pick up their remote controls, gaze intently at the professor, and press a button. They aren't trying to switch the channel, zoomed by too much TV, instead, they're all paying close attention and are responding to questions. The professor, Samer Abi-Nader, is something of a pedagogical pioneer exploring the use of this interactive technology in his technology in his classroom. "I have a feeling that if I don't introduce interactive technology in my classroom, I would feel a little bit guilty," he says, "my students have a right to know what is going on in the class.""The implants have changed my life," says Feine. "I smile even when I sleep — I smile even when I sleep because I'm so happy." This sentiment is echoed by Lise Deschesnes, another implant recipient from the study. "The implants have changed my life," she says. "I only hope they continue with students like this one so that, one day, everyone can benefit."
Faculty News & Notes

REACHING OUT TO ALUMNI AND FRIENDS

Vancouver Alumni Reception
March 9, 2006, Pan Pacific Hotel
Featured guest speaker: Professor Derek Drummond, BArch’62 presenting on “Montreal – Mon Amour” For the record, the Faculty hosted a similar event, again at the Pan Pacific Hotel, on March 8, 2007.

“Beyond Hollywood: Forensic Detectives in Montreal”
March 21, 2006, Strathcona Anatomy and Dentistry Building, McGill University
McGill’s Alumni Association played host to a panel of renowned forensic science experts who presented case studies demonstrating the unique contributions made by forensic scientists to criminal investigations. Presenters included our own Robert B.J. Dorion, DDS’72, Director of Forensic Dentistry at the Laboratoire de sciences judiciaires et de médecine légale (LSJML); Vahé Sarafian, BSc ’72, PhD’92, a specialist in forensic biology at the LSJML; and Dr. Anny Sauvageau, assistant professor at both McGill and Université de Montréal, and a forensic pathologist at the LSJML.

Bob Miller’s Annual Strathcona Barbecue
June 16, 2006
Temperatures were rising in more ways than one. Not only did the day prove to be one of the summer’s hottest, but Bob’s barbecue generated a lot of heat outside the Strathcona Anatomy and Dentistry Building as he and sous-chef Mike McHugh cooked up a storm. As always, Bob played host to a large turnout of students and staff as they celebrated summer break for the pre-clinical lab students.

Toronto Alumni Reception
April 6, 2006, InterContinental Hotel
Held in conjunction with the Ontario Dental Association Spring Meeting at the adjoining convention centre, where the Faculty participated as an exhibitor and welcomed many alumni and friends.

Faculty Hosts Newfoundland Dinner in Conjunction with CDA Convention
August 24, 2006
Dean Lund and his wife Dr. Jocelyne Feine hosted a dinner for dentistry graduates at the Restaurant 21 in St. John’s. The annual CDA convention provided the perfect opportunity to bring friends together over a glass (or two!) of wine and good food.

Sunshine Reigns Supreme at Dean’s Annual Barbecue
August 26, 2006
For the eighth straight year, Dean Lund and Dr. Jocelyne Feine managed to pick the perfect day to host another fun-filled afternoon “at the beach” at their home in Senneville. And as tradition would have it, attendance was high, food was plentiful and laughter prevailed as students, staff, alumni, friends and their families dropped by throughout the afternoon.

McGill Honours Doreen Laszlo, DDS’69
Doreen Laszlo was selected as the recipient of the McGill Alumni Association’s E.P. Taylor Award and the presentation took place at the annual MAA Honours and Awards Banquet on May 23, 2006, at Montreal’s St. James Club. This award is presented to a volunteer who has demonstrated outstanding voluntary service to the McGill Annual Fund. Doreen spearheaded McGill’s most successful faculty-based campaign as both a major donor and lead volunteer in the creation of the Dr. Ernest Ambrose Endowed Clinical Professorship in Restorative Dentistry.

Annual Staff Dinner
June 6, 2006, Bice Restaurant, Montreal
Many of us raised a glass to celebrate the end of the school year, and the downtown venue proved to be an excellent choice.

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Chancellor’s Dinner  
October 5, 2006  
The Omni Hotel, Montreal

Dean Lund had the pleasure of hosting a number of special guests at the University’s annual event, which serves as a tribute to the many generous and loyal friends and donors to McGill.

FDI Annual World Dental Congress  
September 24-27, 2006  
Shenzhen, China

Dean Lund and Debbie Larocque enjoyed the opportunity of representing the Faculty as exhibitors at the Congress and welcomed a number of graduates throughout the four-day event. This exhibit was the largest ever in China, but judging by the enormity of the newly built convention facilities, this may be the start of even bigger things to come!

Vancouver visits  
October 3-7, 2006

Following the China exhibit, Debbie returned to Montreal via Vancouver and used the occasion to visit with a number of close friends.

Faculty Holiday Party  
December 7, 2006  
University Club, Montreal

HOMECOMING 2006

According to the organizers, they received an extraordinary response from graduates who came from near and far to renew friendships and recapture old memories. Last year’s Homecoming Weekend from October 19–22 proved to be the most successful ever, featuring an incredible schedule of special events and social gatherings with record attendance. One of the jewels in the Homecoming crown is the Leacock Luncheon and McGill was thrilled to feature Edward L. Greenspan, a renowned defense lawyer, as its Leacock Lecturer on October 20, 2006.

As part of Homecoming Weekend, the faculty hosted the Dr. Ernie Ambrose Lecture Series October 20, 2006 and was pleased to feature the following speakers who were also celebrating their 25th Class Reunion:

- Dr. Domenic Morielli spoke on “Computer Assisted Implant Surgery”
- Dr. Jeff Erdan spoke on “Bone Grafting for Implants using Intro-oral Donor Sites”

The Faculty of Dentistry was proud to welcome back many of its graduates and wishes to thank the following class representatives who worked hard to organize reunion events throughout the weekend and bring so many of their classmates together:

- 1956 Donald Beauprie, Frank Shamy
- 1961 Ron Fletcher
- 1966 Don Taylor
- 1971 Skip Kerner, Michael Little, Robin Vinelli
- 1976 Tom Bergman
- 1981 Bruce Dobby
- 1996 Jonathan Center, Bradley Lenet

The great success of these reunions is best reflected in the following photos!

A trip down memory lane  
courtesy of Don Beauprie, DDS’56

Dr. Gordon on operative - Seltzer, Whitman, McCormack, Collins, Cohen, Cappelli, Poplove, Vachon, Balderson, Husolo

Old MGH clinic entrance: Lechter, Armstrong, Van Alstyne, Sultnianis, Cohen, Slapcoff, Samis, Lechter, Shamy

NEWSLETTER OF THE McGill University Faculty of Dentistry 2006-2007
Did Anyone See McGill on House?  
McGill continues to catch Hollywood’s eye. A fall episode of the medical TV series featured an actor sporting a McGill sweatshirt. Credit goes to Robert Letnick, DDS ‘82, for managing to secure a clip from the show that he thought would be interesting to share.

G’DAY from Australia!  
Robert Rodrigues, DDS ’60, wrote to us from Wattle Grove, Australia. He continues to enjoy receiving news from the Faculty and took particular pleasure in reading through last year’s newsletter and finding the photo of his classmaters from their 45th class reunion! He says he noticed a few subtle changes.

Turning a CE Lecture into a Class Reunion!  
On September 15, 2006, John Townsend, DDS ’67, served as one of the Continuing Education lecturers together with Dr. Glen Johnson from the University of Washington, presenting on the topic “Restorative Dentistry Update.” Among those in attendance were a number of John’s classmates and following the lecture they all got together for dinner at El Cortile Restaurant. It appears this may have been the biggest turnout they’ve had for a class reunion!

Community Outreach and Beyond  
Dr. Ivan Stangel, adjunct professor, has extended the Faculty’s outreach philosophy to Washington, D.C., where he was instrumental in the rebuilding of a community health clinic operated by the nonprofit So Others Might Eat (SOME). Using funds from a $1 million city grant, the SOME clinic has undergone extensive renovations and has purchased state-of-the-art equipment in order to deliver treatment to low-income and homeless residents. Ivan has been involved with SOME for two years and firmly believes that good dental care is important for reasons other than healthy teeth. “It’s really a gateway to what is going on in the rest of their bodies,” says Ivan. “Someone who’s not taking care of their oral environment is not taking care of the rest of their body.”

A Report from Minsk  
Jacques Veronneau, DMD, PhD ’05, assistant professor and Public Health Dentist for the Cree Nation, visited Minsk from January 25 to February 7, 2007, and was invited to share his experiences with our readers. The following is an excerpt from his report.

Minsk (1.7 million people) is the capital of Belarus (9.7 million), a country of the former USSR, liberated from the Nazi occupation on January 27, 1945. Belarus is bordered by Poland, the Baltic States of Lithuania and Latvia, Russia, and the Ukraine.

My primary contacts during my stay were two Belarussians, Drs. Svetlana Tkhotina and Natalie Pastorovtsova, assistant professors in the conservative dentistry department of the Faculty of Dentistry of Belarus State University. Throughout my visit, I met primarily with chiefs of pediatric and public health dentistry and their staff members, and was able to assess the overall structure of dental services in Belarus. There are 4,400 dentists for 9.7 million people (a ratio of 1:3,000); two universities, Minsk and Vitsebsk, train about 230 dentists annually. I had the honour of meeting with the rector of Belarus State University and collaboration between his university and McGill was discussed. A Report from Peru  
On February 21, 2007, Véronique Benhamou, DDS ’86, Gerard Melki DDS ’93, and Dr. Rosa De Fritos, along with fourth-year McGill dental students Colette Boulous, Sylvie Di Lullo and Tamara Finkelstein, and assistants Isabelle Chevrier and Manuel Azangolia left for Peru on a humanitarian mission under the banner of the organization Kindness In Action. Dr. Benhamou provides the following report:

Within five working days, this team treated 458 patients (over 2,540 procedures) in the remote village of Shanao in one of the poorest regions of Peru, the province of San Martin. Working conditions were difficult, with a daily temperature averaging 35° Celsius, no running water and a generator as the only source of electricity. The mission was mostly self-funded by the members of the team but materials and equipment were obtained with donations from dental companies Henry, In-Friendly, Ondine Biopharma, Patterson and Straumann as well as from two generous individuals, Ms. Carolyn Cross and Mr. Lawrence Pathy. The team was warmly welcomed by the local people who were very grateful to be able to receive this basic dental care.

A Report from South Vietnam  
Richard Emery, DDS ’76, MSc ’79, had the opportunity to travel to South Vietnam earlier this year and provides the following report on his extraordinary visit.

At the end of October 2006, Dr. David Precious, Dean of the Faculty of Dentistry at Dalhousie University, invited me to accompany him and two other oral and maxillofacial surgeons from Dalhousie for a two-week surgical mission in Vietnam. Dr Precious has been travelling to various sites in Vietnam for more than ten years under the auspices of the International Cleft Lip and Palate Foundation, and he has a wealth of experience in the field. In January 2007 the four of us departed for Ho Chi Minh City (HCMC) (formerly Saigon) by way of Hong Kong. In HCMC, we joined another team of surgeons from the Japanese Cleft Palate Foundation. During our first week we worked in a medium-sized hospital, which also had a dental department. Our second week, we drove north for four hours to another hospital in the coastal city of Phan Thiet. In both hospitals, the Vietnamese had previously screened many CLP patients and our teams performed a final examination before surgery. Overall, our teams performed 75 surgeries on children who ranged from four months to 15 years of age. The patients, their families, the Vietnamese surgeons and our Japanese colleagues were all wonderful people who made the entire experience truly extraordinary.

A Report from Iran  
In November of 2006, Dr. Jean-Marc Retrouvey, Director, Division of Orthodontics, was a special guest at the Fourth Iranian Association of Orthodontists Annual Meeting. Dr. Retrouvey presented on 3D models and new diagnostic procedures such as digital radiography and virtual models. The conference was a great success and Dr. Retrouvey was invited to speak at the Tehran University to present his diagnostic interactive CD to the students of the two largest universities in Tehran. In December, he had the benefit of enjoying the warm hospitality of the Iranian people and participating in the many events he was invited to attend as a special guest of the city of Tehran. In fact, he proved to be a very vibrant, bustling centre offering numerous sightseeing opportunities. Dr. Retrouvey had the honour of being asked to return for a longer visit to present at future conferences on the subject of modern orthodontics. He will certainly consider this generous offer and will hopefully find the time to visit more of the wonderful historical sites that Iran has to offer.

Facility News & Notes

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Academic Promotions:

- Appointment of Associate Member: Dr. Showan Nazhat, BEng’92 and PhD’97 (Queen Mary Univ. London)
- Visiting Professors: Daniela Rezende Frey, DDS’99 (Univ. Rio Grande), Brazil; Shaoxia Pan, MD’05 (Peking), MS’97 (Beijing Med. Univ.)
- post doctoral fellows: David Seminowicz, Yokiko Nakano, Valentina Nelea, Damien Nihouanen, Theodore Price, Raul Sanoja, Petra Schwinhardt, Jin Hong, and Jean Sebastien Walczak
- Support Staff: Angelina Buvitsevgena, Secretary (MUR/CM/GH), Marlene Balena, Secretary (SADB), Sylvie Martel, Hygienist, Holly Hilpica, Hygienist

STAFF HONOURS AND AWARDS 2006-2007

- Awards: Dr. Paul Allison, FRSC Cheque-boursier Junior II; Dr. Herb Borsuk, Outstanding Clinician Award and Dr. Howard S. Katz Teaching Award; Dr. Mari Kaartinen, BSc’93, Chem/Biochem; Dr. Simon Tran, Fellow, Pierre Fauchard Academy, and inducted as a member of the Academy of Fixed Prosthodontics; Dr. Andrew Toeman, Fellow, l’Academie dentaire du Quebec; Dr. Simona Tran, Dipl. American Board of Periodontology
- Support Staff Award: Ms. Olgia Cholod, Most Valuable Person Award

IN MEMORIAM

- Peter M. Jackin, DDS’51, at White Rock, BC, on April 16, 2005
- Brian E. McPhie, DDS’77, at Yarmouth, Maine, on May 23, 2005
- Edward J. Fox, DDS’51, at Vineyard, Ontario, in June 2005
- William O. Mulligan, DDS’50, at Rhofax, NB, on April 16, 2005
- Thomas J. Pavlovich, DDS’51, at Edmonton, Alberta, on June 30, 2006
- Sophie Rozyczki, DDS’61, at Mississauga, Ontario, on July 6, 2006
- Peter Allan Dogen, DDS’49, at Montreal, Quebec, on September 1, 2006
- Harold P. Blewold, DDS’55, at Ottawa, Ontario, on November 27, 2006
- Dorothy Binder, DDS’78, at Simcoe, Ontario, on February 13, 2007
- Charles P. Leblond, President of Medicine, at Montreal, Quebec, on April 10, 2007
- Ronald “Peter” Fletcher, DDS’61, at Montreal, Quebec, on April 27, 2007

- Charles Grenville Brodie-Brockwell, DDS’48, passed away on July 9, 2006 in Montreal, Quebec. His daughter Margaret Ashdale shares highlights of his life:

Alan Edwards, close friend and benefactor, dies at age 80

Memorial services were held March 17, 2007, at the Mount Royal Funeral Complex in Montreal, for Alan Edwards, a long-standing and distinguished member of the McGill family. He passed away March 11, 2007 “after a brief argument with death”. Alan was a man of passion and humour who enjoyed a multitude of activities. His greatest passions were his family first and foremost, and his close friends. Following that was his love for adventure, best exemplified by his interests in skiing, sailing, “motor biking,” gliding and travel, gardening and enjoying a wide range of music were a few of his favorite pastimes. During the memorial service, these precious pieces of Alan’s life were celebrated by those closest to him, including his daughter Jane, his son-in-law John, his companion Sarah, and two very dear friends, Stephen Jarislowsky and Roy Heenan. Those in attendance were invited to raise their voices in song in one of Alan’s favorite hymns, Jerusalem, by William Blake – a fitting end to a memorial service that paid tribute to a true gentleman, the one word that best described Alan throughout his lifetime.
STUDENT AWARDS 2006
FOURTH-YEAR DENTISTRY AWARDS

The Faculty held its strong tradition of honouring its graduating students by hosting their family and friends, together with staff and faculty supporters, at a pre-convocation champagne brunch and awards ceremony at the Faculty Club on May 30, 2006.

MEGAN ALEXANDER
Presented by Dr. Herb Borsuk

MICHAEL BOND
Presented by Dr. Howard S. Katz

ANTHONY CIVELLO
Presented by Karen Stallarta

JIMMY CHEN
Presented by Dr. Michael Bond

KAREN STALLART
Presented by Dean Lund

MICHAEL BOND
Presented by Dean Lund

ANTHONY SEMINARA
Presented by Dr. Tim Head

CDA PRESIDENT’S AWARD, donated by the Canadian Dental Association and awarded to a student who has demonstrated 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.

ACADEMIC DENTRAIRE DU QUEBEC AWARD, awarded to a graduating student who has demonstrated interest and initiative in providing oral health care to the underprivileged.

JENNIFER KIM
Presented by Mr. Paul Marchand

KATHERINE KOLISZ
Presented by Mr. Paul Marchand

EUGENIE DAIGNAULT
Presented by Mr. Paul Marchand

MEGAN ALEXANDER
Presented by Michael Bond

MICHAEL BOND
Presented by Dr. Michael Bond

ANTHONY CIVELLO
Presented by Mr. Paul Marchand

KAREN STALLART
Presented by Dr. Howard S. Katz

MEGAN ALEXANDER
Presented by Dr. Herb Borsuk

MICHAEL BOND
Presented by Mr. Paul Marchand

ANTHONY SEMINARA
Presented by Mr. Paul Marchand

CDA PRESIDENT’S AWARD, donated by the Canadian Dental Association and awarded to a student who has demonstrated 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.

ACADEMIC DENTRAIRE DU QUEBEC AWARD, awarded to a graduating student who has demonstrated interest and initiative in providing oral health care to the underprivileged.

JENNIFER KIM
Presented by Mr. Paul Marchand

KATHERINE KOLISZ
Presented by Mr. Paul Marchand

EUGENIE DAIGNAULT
Presented by Mr. Paul Marchand

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The White Coat Ceremony and Awards Night took place in the newly renovated Lecture Hall M1 in the Strathcona Anatomy and Dentistry Building. Invited guests included students and their close family and friends, together with staff and generous benefactors.

The event began with a light dinner reception followed by the formal award ceremony. Dr. Marie Dagenais welcomed students and guests, and Dr. James Lund delivered the formal Dean's Address. Following the presentation of awards, the Faculty was honoured to introduce as the keynote speaker, Dr. Bernard Shapiro, Principal Emeritus of McGill University, who was accompanied by his wife, Lois Roth Shapiro.

The awards portion concluded with the Student Address from Steven Shapiro, DMDIV and Antony Turcotte, DMDIII.

**FIRST-SECOND- and THIRD-YEAR STUDENT AWARDS and WHITE COAT CEREMONY. AUGUST 30, 2006**

**SECOND YEAR**

**JOHN MACPHEE**

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.

**ROSE CHEN**

Presented by Dean Lund

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

**MANUELA HRIT**

Presented by Dean Lund

**THIRD YEAR**

**LILIYA NIKOLCHEVA**

Presented by Dr. Morton and Mrs. Patricia Lang

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

**SCHOLARSHIPS 2005-2006**

**ALISON McGUIRE**

Presented by Dean Lund

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

**VERENA LAM**

Presented by Dr. Harry and Mrs. Dolores Roman

**Harry Rosen Entrance Scholarship,** awarded on the basis of high academic achievement to an undergraduate student currently enrolled in the DMD program.

**COLETTE BOULOS**

Presented by Dr. Bill Steinman and Mrs. Rena Gornitsky

**REYNANNE REZAEI**

Presented by Dr. Mervyn and Mrs. Rena Gornitsky

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**DEAN’S HONOUR LIST**

**DMD I**

LIUANG ZHANG

REYNANNE REZAEI

JESSICA-ANN PULLA

**DMD II**

ROSE CHEN

DANIEL HO

KERRY-ANN FLINTOFF

**DMD III**

LILIYA NIKOLCHEVA

NICOLE LANE

SHAO MO XING

J.W. McCONNELL AWARDS

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

**DMD I**

LIUANG ZHANG

**DMD II**

ROSE CHEN

**DMD III**

LILIYA NIKOLCHEVA

**SSOM M. KATZ PRIZE,** awarded to a meritorious student who has demonstrated outstanding qualities of character, perseverance and sportsmanship. Preference is given to a student entering the fourth year of the DMD program.

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Spotlight on Students

SCHOLARSHIPS
2005-2006  continued from page 15

NIWCE LANE
Presented by Dean Lund

SHAO MO XING
Presented by Dr. Harry Anson

FRANCOIS MENG SENG
Presented by Dean Lund

KERRY ANN FLINTOFF
Presented by Shannon and Joanna Griffin

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 entering the third or fourth year of the DMD program.

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 program.

Dr. Ernest R. Ambrosee Scholarship, awarded to students entering the fourth year of studies in the DMD program.

Dr. Janet Griffith-Merth Scholarship, awarded on the basis of academic achievement to a student who has completed at least one year of the DMD program.

The Faculty acknowledges the significant achievements of its graduate students and congratulates the following award recipients:

2006 GRADUATE STUDENT AWARDS

VALENTIN NLEBA
DR. WAH LEUNG FELLOWSHIP, awarded to an entering postdoctoral, doctoral or master’s student in the Faculty of Dentistry who is working in pain, oral cancer or bone tissue research.

KATHERINE KOUSSE
DR. SOO KIM LAN PRIZE, awarded to an outstanding graduating student who is entering a residency or postgraduate program.

RANIA SALEH
DR. YU-MING LAN FELLOWSHIP, awarded to an entering postdoctoral, doctoral or master’s student.

FAAHM RAHSD
DR. AND MRS. J.N. PESNER MEMORIAL PRIZE, awarded to an outstanding graduate student already in a residency or postgraduate program, who will be presenting a paper at a national or international scientific meeting.

DAVID BASSITT
DR. E.T. and MRS. MARJORIE BOURKE AWARD, awarded to a student pursuing graduate studies in dentistry.

WHITE COAT CEREMONY, CLASS OF 2008

The evening continued with the formal presentation of the classic white coats to the incoming third-year students, marking their transition from preclinical studies to clinical work. Dr. Samer Abi-Nader led the class of 2008 in reciting the 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.”

The Faculty wishes to thank Wyeth Consumer Healthcare Inc. and The American College of Dentists Quebec Section, for their contributions in support of the White Coat Ceremony.

FOURTH-YEAR STUDENT ROAST 2006

The graduating class of 2006 held its annual roast on April 21, 2006, at the Mount Royal Centre in Montreal. The students donned their white coats to the incoming third-year students, marking their transition from preclinical studies to clinical work. Dr. Samer Abi-Nader led the class of 2008 in reciting the Pledge:

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Ons a much more serious note, the students presented a number of outstanding teaching awards, highlighted by the Award of Distinction presented to Dr. John Fong Chong in recognition of his many years of dedication to dentistry, to the Faculty and to his students. In John’s honour, Dr. Ike Silver gave a touching tribute to his dear friend and colleague.

The Faculty acknowledges with sincere appreciation the generous support of the following sponsors: McGill Dental Student Society, Scotiabank, Sunstar Butler and Wyeth Consumer Healthcare Inc.
During the day, we showcased research performed by our graduate students, postdoctoral fellows and undergraduate dentistry students. The Research Day component of this event provided a wonderful opportunity for our trainees involved in research to share their projects with each other, with Faculty of Dentistry staff, and with the community at large. In addition to the oral presentations from our trainees, we heard from a world authority on pain research and on animal models for pain research, Dr. Gary Bennett, one of our own, provided evidence that Burning Mouth Syndrome is a neuropathic condition linked to abnormal mitochondrial metabolism.

**GRADUATE STUDENT PRIZE WINNERS:**

At the end of the evening, prizes for the best graduate student oral presentations were awarded as follows:

**First Prize**
Fahime Rashid, for his presentation "An International Multi-Centre Observational Study on the Effectiveness of Mandibular 2-Implant Overdentures."

**Second Prize**
Hassam Dahan, for his presentation "Decreasing Student Stress at the McGill University Faculty of Dentistry: A Participatory Action Research."

**Third Prize**
Carol Chahine, for her presentation "Bisphosphonate-Related Osteonecrosis of the Jaw (ONJ): A Retrospective Chart Review."

**MONTRÉAL DENTAL CLUB PRIZE**

The prize for the most popular table clinic was awarded to Dr. Nahabed Mazloumian and Dr. Keith Sotero representing the MDC. It was awarded to Romina Perri for her presentation "Investigation of Extended Computer Use as a Risk Factor for Temporomandibular Joint Disorders."

**HIMMAN UNDERGRADUATE STUDENT PRIZE**

The prize for the best original research poster was awarded by Dr. Marc McKee on behalf of the Himman Symposium Fund. It was awarded to Reyhaneh Soroush for her presentation "The Adoption of Implant Technology by Canadian Dentists."

**APPLIED ORAL HEALTH RESEARCH UNDERGRADUATE AWARD**

The prize for best undergraduate table clinic involving clinical research in oral health was presented by Dr. Marc McKee on behalf of the CIHR. It was awarded to Lauren Spevack for her presentation "Parkinson’s Disease and Stalorheia: Botox the Magical Panacea?"

Between the Research Day and Table Clinics Evening components of our event, we were very fortunate to have a presentation from our keynote speaker Dr. Marjorie Jeffcoat, Dean of the School of Dental Medicine at the University of Pennsylvania and a world authority in research linking oral health status with overall well-being. More than 200 people heard her present some of her own research work, as well as the work of others, on two topics: (a) the relationship between periodontal disease and general health and (b) osteoporosis.

She was a wonderful, captivating speaker whose talk informed us in many ways and inspired us to understand more deeply the roots of periodontal disease and osteoporosis. In the same way, she also challenged us to improve our treatment of patients with these debilitating afflictions.

The Faculty of Dentistry at McGill has seen enormous change over the past decade and its research has flourished. We are working within the diverse but connected fields of biomedical, clinical, health systems and services, and population health research. In recent years, there have been many new exciting research findings emanating from our Faculty. We have emerged as a leader in oral health research on the national and international scene. Accepted measures of research activity rank our staff and students amongst the very best in the world.

**SPOTLIGHT ON STUDENTS**

The annual Research Day and Table Clinics Evening was held at McGill’s New Residence Hall on Wednesday, February 7, 2007, and the comments are in – the event was a resounding success by all accounts! Many thanks to the co-chairs of the event, Drs. Mari Kaartinen and Véronique Benhamou, and to Nikoo Taghavi and Marlene Balena for their tireless efforts behind the scenes.

The Faculty of Dentistry at McGill has seen exciting research findings emanating from our Faculty. We have emerged as a leader in oral health research on the national and international scene.
A Chinese Celebration Reaps Great Rewards
By Paty Yip, OMD'04
The Year of the Golden Pig began in February 2007 and once again, the students rang in the Chinese New Year with a dinner fundraiser in support of the Outreach Program. The event on February 26 took place in Chinatown’s popular La Maison Kam Fung.

Started in 2004 by Joanna Mok, the dinner has now become an annual event where faculty members, students and guests gather for an evening filled with prizes, a silent auction and of course, delicious Chinese food. The co-organizers of the event, Naima Llamani and Paty Yip, along with their team, surpassed their previous record with over $11,000 raised and net proceeds of over $7,000 going towards the program. With 270 guests in attendance, a good time was had by all.

The tremendous success of this event could not have been made possible without the donations from sponsors, and the assistance of dental students Joanna Mok, Sam Mallinson, Darcy MacLellan, Balram and Shahrarai Rashidi. Particular thanks go to our generous sponsors, including, Mr. Nazareth Bahram and Shahryar Rashti. Particular thanks go to Joanna Mok, Sam Mallinson, Darcy MacLellan, Balram and Shahrarai Rashidi. Particular thanks go to the Dental Students Society for their generous contribution to this project.

We hope to see you all again in 2008 to continue this extraordinary tradition of support.

Dental Faculties in Canada are open, and this number is increasing. Our dental students are extremely intelligent and talented. These videos will provide them with an introduction to oral health career opportunities that they may never have imagined.

The video introduces dentists who teach and/or carry out research in various areas in oral health. In each video, the dentist explains what he/she does and why he/she decided to pursue a career in that particular oral health field.

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Dental Students Sell “Candy” for a Good Cause
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In April 2006 the Faculty launched a two-year campaign to renew the clinic at the Royal Victoria Hospital, one of five sites for the multidisciplinary residency program. Led by Dr. Tony Chehade, Dental Surgeon-in-Chief, McGill University Health Centre, the campaign was conceived to address an urgent call for renewal. The equipment currently in use at the RVH Dental Clinic was installed back in the early 1990s and as a result, is now in serious need of replacement. In addition, the facility itself requires upgrading in clinical design in order to create a state-of-the-art teaching environment. The total cost for this clinic renewal is $300,000. The objective is to raise $150,000 through private support from graduates of the RVH Residency Program and the MUHC Foundation has generously agreed to match these funds. The funds raised will be directed toward the purchase of equipment that includes: eight new dental chairs, eight dental units with dental cabinets, a sterilization centre and an updated laboratory.

MUHC Implications

As our readers may be aware, current plans for the new MUHC will consist of a Mountain campus and a Glen campus. The Mountain campus will become a trauma centre and the Glen campus will be a tertiary-care ambulatory centre. The goal is to have Oral and Maxillofacial Surgery based at the Mountain campus, with the adult and pediatric hospital dental services located at the Glen campus. When the Glen site hospital is built, the equipment purchased for the RVH clinic renewal will be moved to the future adult dental facilities.

A Royal Reunion for Residents

An afternoon of Multidisciplinary Dental Education was held during McGill’s Homecoming on Friday, October 19, 2006 for the Royal Victoria Hospital alumni and former attending staff. The event, which reunited past residents of the RVH dental clinic, took place at the hospital and Tony Chehade and Hiil Sidhar welcomed this exclusive group to what they hope will become an annual gathering. The lecture session and reception that followed served as a wonderful opportunity for the group to reconnect and share their fond memories of the time spent as residents. This event also gave Tony Chehade the chance to announce major developments in the Royal Victoria Hospital Dental Clinic Renewal Campaign.

Feedback from attendees was that they came away with up-to-date information pertinent to their daily practice. The Faculty is most grateful to these presenters as many give their time to the residency program as members of the attending staff with the MUHC in addition to managing their own private practices.

Fundraising Highlights

The lecture portion featured presentations by: Paul Lieberman on “Use of Mineral Trioxide Aggregate (MTA) in Endodontics” Carol Chabline on “Bisphosphonates and Osteonecrosis of the Jaw” Donald Collins on “A Short History of the CAD/CAM Technology (Evolution)” Alexandre Taché and Louis Drouin on “Periodontics, The Art” Claudia Giambatistiti on “Implants - Their Business in Orthodontics”

We all need positive role models in our lives. Yet we can never be sure how we will meet these people or what their influence will be. Dr. Harry Rosen of Montreal feels fortunate to have met many of his personal mentors through his lifelong involvement in clinical teaching.

The 1993 graduate of McGill University was first encouraged to pursue teaching by the late Drs. Prescott Mowry and Donald C. Gordon, then Dean of Dentistry and head of the Department of Operative Dentistry respectively, at McGill. This initial foray into the vocation led to a teaching career that has spanned more than 50 years.

New Clinical Teaching Fund

An active professor emeritus at McGill where it has taken him around the world, Dr. Rosen is now hoping to inspire his contemporaries by championing a creative way to help support young clinical teachers at his alma mater. He has teamed up with the McGill Faculty of Dentistry to spur the development of the Dr. Harry Rosen Endowed Clinical Teaching Fund, which will provide financial support to young clinical teachers for priorities such as training and clinical equipment purchases. As an endowment fund, the annual income generated will be available in perpetuity to assist these clinical teachers.

"I see this fund as a way to say thank you to young teachers and to offer them something that hasn’t been offered before" Dr. Rosen

Passion for Dentistry and Art

The father of three and grandfather of eight continues to enjoy a diverse range of active pleasure pursuits, from horse jumping and windsurfing to Bulgarian folk dancing, to name but a few. Yet the landscape surrounding Dr. Rosen’s country home in the Laurentian mountains north of Montreal proves to be the richest source of pleasure for the septuagenarian. What began as a project of necessity to shift rocks at his rural retreat has evolved into a medium to express his artistic vision through stone sculpture.

"My interest in art ultimately derives from dentistry, which is both an art and a science," he explains. "In dentistry, first you deal with the task at hand by solving your patient’s problem. Yet it takes a certain amount of creativity and restructuring, working with the elements that you are presented with and, in many instances, seemingly creating something out of nothing."

Encouragement for Graduates

What do Dr. Rosen’s artistic endeavours have to do with the future of clinical teaching in Canadian dental faculties? Dr. Rosen not only moves rocks and stone for his art but he plans to move some of the barriers that currently exist for young teachers entering the profession.

"Graduates trying to start a practice today are faced with the overwhelming..."
In modern day vernacular 'earth art' best describes Dr. Rosen’s physically demanding challenge to transform the landscape. He has honed his artistic talents to the point that others have begun to take notice. A 28-minute feature documentary titled Dr. Harry Rosen: A Renaissance Man aired on Mountain Lake PBS on November 1, 2006. An advance screening of the documentary took place on October 19, 2006, at Moyse Hall on McGill’s campus and many close friends and colleagues attended to share in this special tribute.

Noted literary critic, and patient and friend of Dr. Rosen’s, Mr. Robert Adams, served as the evening’s master of ceremonies. Dr. Stan Blum, Dean Lund and Dr. Bernard Shapiro paid tribute.

The Faculty wishes to thank the many donors who have generously contributed to the Dr. Harry Rosen Clinical Teaching Fund and looks forward to announcing what are certain to be outstanding results by the end of the campaign on May 31, 2007.

Fundraising Highlights!

By Timothy Head, DDS’76, MSc’80, and François Roudound, DDS’83, MSc’87, Director of the Department of OMFS at the Jewish General Hospital, Montreal.

In 2006, there was a changing of the guard on the Oral and Maxillofacial Surgery (OMFS) sub-committee of the Faculty Advisory Board. We were most fortunate to acquire the following new members:

• Dr. Michel El-Hakim, MSc’06, and McGill OMFS, currently completing his medical degree at the Université de Montréal and teaching part-time at McGill.

• Dr. Alexandre Dostie, Indiana OMFS and member of the MUHC attending and teaching staff in the graduate program.

• Dr. Allan Lisbona, BSc’95, MSc’97, DDS’00, McGill OMFS.

They join a distinguished group of individuals committed to the mission of FORCE that includes Dr. Tim Head, Director of the Oral and Maxillofacial Surgery program at McGill, Dr. François Riendeau, oral and maxillofacial surgeons working in Pointe-Claire, Quebec, and president of the fundraising campaign for FORCE, and Dr. Guy Leblanc, McGill OMFS, practicing in Chicoutimi, Quebec.

In June 2006, FORCE organized a dinner for all the residents to recognize their efforts. FORCE was able to touch some people’s lives in a positive way.

The Dr. Harry Rosen Endowed Clinical Teaching Fund at McGill will ensure that he continues to touch people’s lives in a positive way for years to come.

For more information, please visit www.drharryrosen.com.

Dr. RICHARD GARFINKEL - Sculpting a Legacy at McGill University continued from page 19

guidance or provide positive examples to emulate in dentistry.” Speaking with the wisdom of experience, the 77-year-old Dr. Rosen continues to emulate senior people in the profession who influenced his own life.

Dr. Rosen has received numerous professional accolades during his career, but he singularly out the Award of Excellence from the American Academy of Operative Dentistry as his most cherished. While he acknowledges that the recognition and respect of his peers is satisfying, Dr. Rosen cites his time spent with his associates, patients and students as providing the greatest satisfaction. “Life is all about relationships with people and being open to learning from every contact with every person you meet,” he feels. “Through my time in dentistry and teaching I am fortunate to have been able to touch some people’s lives in a positive way.”

Dr. Rosen’s efforts paid off as the evening drew high attendance and significant donations. The alumni remain the core and major contributors toward our fund. We plan to organize similar events throughout 2007 and hope that the increasing number of alumni will continue to support our fund.

McGill OMFS Research 2006

The Division of Oral and Maxillofacial Surgery of the MUHC is actively involved in research on bone regeneration, bone substitutes and bone diseases. The research projects are carried out in cooperation with the Montreal General Hospital Research Institute, the McGill Centre for Bone and Periodontal Research (Dr. Janet Henderson, Dr. Adam Hacking and Dr. Letitia Lim) and more recently, we collaborated with the Montreal Shriners’ Hospital (Dr. Francis Groupeux, and Dr. Frank Rauch). At the present time, we have four Master of Science students working on projects, which will be completed this spring. The following projects are the

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THE ART OF PLANNED GIVING: DID YOU KNOW...

- It is far better to donate appreciated securities directly to McGill University than it is to donate the proceeds from the sale of the securities. If a donor sells securities, tax must be paid on 50 percent of the capital gain (the increase in value since the donor acquired the shares), whereas if the donor donates shares, he/she will pay no tax on the increased value and will also get a tax receipt in the amount of the full fair market value of the shares.

- In the U.S., under recent pension legislation, individuals 70 1/2 or older can donate up to $100,000 each year to McGill University, tax-free, directly from IRAs in 2006 and 2007. Gifts have to be made directly from an IRA custodian to the Friends of McGill University, Inc. However, the rollovers can’t be made to entities such as charitable remainder trusts, donor-advised funds or most private foundations.

A GITNICK FAMILY LEGACY

Dentistry is definitely a family affair, with a long history of training generations of dentists within the same family. It is an honourable tradition and one the faculty is very proud of.

It is with this sense of pride that the faculty recently announced the creation of the Dr. Philip J. and Mrs. Stella Gitnick Prize, to be awarded to a student entering the fourth year of the dental program and given in recognition of academic excellence in the area of periodontology. Barbara Gitnick, DDS ’78 has made a gift to establish an endowment that will provide the annual income necessary to award this prize each year, and she did so with the intent of honouring both her late father Philip J. Gitnick, DDS’35 and her late mother Stella Gitnick.

The prize will be presented each year at the Student Awards and White Coat Ceremony and this year the event will take place on August 28, 2007. These special occasions continue to afford the donors of such gifts the unique opportunity of realizing the true benefit of their generosity.

ALAN EDWARDS ENSURES A BRIGHT FUTURE FOR PAIN RESEARCH

Mr. Alan Edwards recognized the importance and the need for outstanding academic leadership in the area of clinical pain at McGill. As a result, he made a significant contribution toward the creation of an endowment to support the Directorship at the MUHC-Montreal General Hospital Pain Centre in May 2006. This fund was established in partnership with the Faculties of Dentistry and Medicine and the directorship was awarded to Dr. Yoram Shir.

Just prior to his death March 11, 2007, Alan signed another agreement to establish three major endowment funds in support of research in chronic pain at the McGill Centre for Research on Pain and at the McGill University Health Centre. The annual income from these funds will fund deserving projects for the study and treatment of chronic pain. These projects may include startup packages, projects and programs to advance research and transfer of knowledge, laboratory equipment, scholarships and fellowships and other forms of support in the general area of pain research.

Alan served on the Faculty Advisory Boards of both the Faculties of Medicine and Dentistry and played a significant hands-on role throughout his long involvement with pain research and treatment. He went to great lengths to ensure that his legacy would continue after his death, including the creation of a committee to oversee and manage the awarding of funds from each of the three endowments.

As is clearly evident throughout this newsletter, Alan was determined to ensure that McGill became the best pain treatment and research centre in the world and through this last act of generosity and commitment, his vision will certainly be realized.

Bequests and other planned gifts for McGill University

The Gift of a Lifetime

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 1340 Peel Street, Montreal, Quebec, Canada H3A 3T3
plannedgifts.dev@mcgill.ca
Tel: (514) 398-3560
Fax: (514) 398-3012
1-800-567-5175
www.mcgill.ca/alumni-planned

The faculty’s professors devote a tremendous amount of time and energy to developing and delivering the best educational experience possible, and from now on, their efforts will not go unrewarded thanks to a very generous gift from Jane Silverstone Segal, BA’74 and her husband Herschel H. Segal, BA ’55. The Dr. Ralph Silverstone Teaching Award was created to honour Jane’s late father, Ralph Silverstone, BSc’36, DDS’40 and her mother Anna Silverstone, Dip PE’36, BSc’39. This award has been established to recognize an outstanding contribution to the development of the undergraduate teaching program in Dentistry.

The award will be presented each year at the Student Awards and White Coat Ceremony held just prior to the start of the school year. The recipient will be selected by the Dean in consultation with the faculty’s Executive Committee.

The first such award was presented at the ceremony held August 30, 2006 to Dr. Marie Dagenais (see page 16). Dr. Bernard Shapiro, Principal Emeritus of McGill University, presented the award on the family’s behalf. The faculty extends its sincerest appreciation to the Silverstone Segal family for making this award possible.
**Fundraising Highlights**

**With Sincere Appreciation**

The Faculty of Dentistry is pleased to recognize the significant contributions of graduates to the University and to the Faculty of Dentistry, together with acknowledging the many gifts from individuals, foundations and corporations. Their generosity is vital to the Faculty and its continuing success. The Faculty will continue to build on McGill’s tradition of innovation and maintain a commitment to the highest standards of excellence in teaching, research and community outreach.

We also wish to acknowledge with sincere appreciation the extraordinary efforts of our many volunteers who continue to give of themselves and who remain a source of inspiration to all. We thank them for their impressive commitment and their significant contribution to the Faculty’s mission, programs and standard of excellence.

Results posted below are for the fund year June 1, 2005 to May 31, 2006. Please note that only those donors who have provided their permission to publish are listed.

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McGILL’S NEWEST LEADERS: GIFT$ FROM OR MORE

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