

# McGill News

ALUMNI MAGAZINE



## GLEN THE GAME CHANGER

THE MUHC'S NEW SITE IS POISED TO TRANSFORM HEALTH CARE IN MONTREAL

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M2  
M3  
v.96  
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## A HOSPITAL FOR THE 21ST CENTURY

Years in the making, the McGill University Health Centre's new Glen site is officially open for business. The hi-tech hospital campus aims to transform patient care and provide a state-of-the-art learning environment for the next generation of healthcare professionals.

BY PATRICK MCDONAGH

### MEET THE CANDIDATES



Canadians will venture to the voting booths in October to choose their next government. Recent polls point to a tight, three-way race. Key figures from the main parties — Finance Minister Joe Oliver, BA'61, BCL'64, NDP leader Tom Mulcair, BCL'76, LLB'77, and Liberal leader Justin Trudeau, BA'94 — shared some thoughts with us.

### REINVENTING CHEMISTRY



The chemistry used in many industrial processes results in tons of waste — much of it toxic. A new branch of science known as “green chemistry” is transforming the way we approach everything from medicine to mining.

BY MARK WITTEN

### BÂTISSEUR D'IMAGE



Si l'agence de publicité montréalaise Sid Lee s'est fait un nom à l'échelle internationale et représente aujourd'hui de grandes marques, c'est notamment grâce à Bertrand Cesvet. Avec ses associés, ce titulaire d'un MBA de McGill veut faire de Montréal une capitale de la créativité, convaincu que la métropole a tout ce qu'il faut pour le devenir.

PAR JEAN-BENOIT NADEAU (B. A. 1992)





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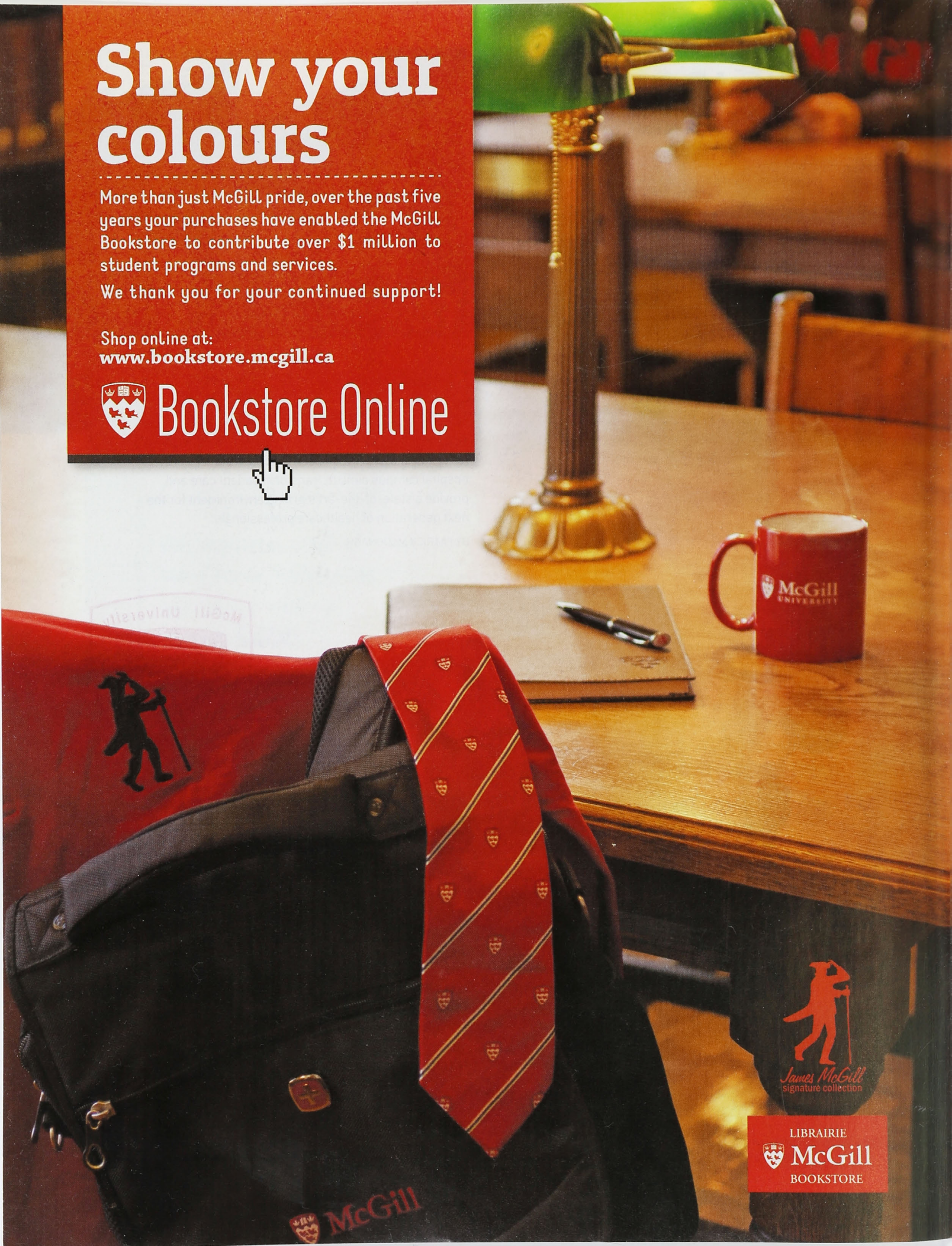
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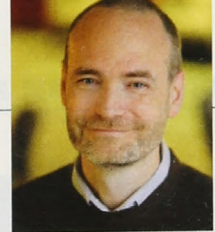
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OWEN EGAN

# CHANGE FOR THE BETTER

When the old Royal Victoria Hospital sent its last 154 patients to the hospital's new home at the McGill University Health Centre's Glen site in April, I was caught off guard by how melancholy I felt.

It's not that I thought the move was a bad thing. Far from it. As our cover story on the Glen makes clear, the new site represents a significant upgrade over the aging and somewhat antiquated hospitals it is replacing. When it first opened more than 120 years ago, the Royal Vic was a state-of-the-art facility. And back then, the ambulances used to bring patients to the hospital were pulled by horses.

Times change. And while the original Royal Vic will always be associated with many medical milestones, the Glen is better positioned to offer high-calibre care to patients today.

I think my mixed emotions were tied to the fact that so many major events in my life — good and bad — were linked to the Vic. I was born there. My mother died there. My youngest daughter, who is healthy and vibrant and a constant source of joy, spent the first three months of her life in the Vic's neonatal intensive care unit.

Thousands of Montrealers have similar memories associated with the Vic or the Montreal Children's Hospital or the Montreal Chest Institute.

The hospitals that now comprise the Glen each boast a long and impressive list of pioneering achievements. The first successful kidney transplant performed in North America took place at the Royal Vic in the late fifties. The first operation in Canada to repair a congenital heart defect occurred at the Montreal Children's in 1938. That's just two quick examples. In the years to come, the Glen will make more history.

Admittedly, some of that history has been troubled. The MUHC's former director general, Arthur Porter, faces criminal charges for his part in a Glen-related corruption scandal, as do a handful of former executives with the MUHC and SNC Lavalin.

That's part of the story of the Glen, but it's not the most important part. To my mind, what we should celebrate are the efforts of the thousands of dedicated MUHC staff and supporters who have worked so hard to ensure that the transition to the Glen would be smooth. *The Gazette* declared that the opening of the Glen was "a testament to the power of big ideas," while HealthCareCan CEO Bill Tholl recently said he believed the Glen could serve as a model for new hospitals in other communities.

As for the Royal Vic's original stately quarters, nestled on the southern slopes of Mount Royal, well, that site might still make some interesting history itself in the years to come.

McGill has put forward a proposal to transform the former hospital into new teaching and research facilities. A large new auditorium — suitable for convocations — would be constructed. The proposal, which would also preserve the Royal Vic's heritage buildings, transform old parking lots into increased green space and offer Montrealers additional access to the mountain, will be the subject of a feasibility study supported by both McGill and the Quebec government. 🐦

DANIEL MCCABE, BA'89



## SEEKING OUT THE **BEST**



In the most recent edition of the QS World University Rankings, McGill was rated the 21st best university on the planet. To be a world-class institution, you need world-class brains. **Principal Suzanne Fortier, BSc'72, PhD'76**, recently spoke to the *McGill News* about the kinds of professors who succeed at the University, why they choose McGill, and the challenges the University might face in the years ahead as it continues to seek out top-calibre talents for faculty positions.

**How would you describe the ideal McGill professor? Obviously, we're looking for highly talented individuals, but what are some of the other factors that come into play?**

People succeed here if they're well aligned with the McGill culture. This is a student-centered university and that means we devote a lot of time to thinking about how to create a great learning environment for our students at the undergraduate and graduate levels. Anyone who comes here has to share that commitment to our students. This is also a research-intensive university. To be among the world's top researchers in your discipline, to be able to compete for research funding – that requires a competitive spirit as well as talent. Finally, we have a very diverse community at McGill, both culturally and ethnically. It's very important to have people here who thrive in that type of environment and who enjoy being in an institution that attracts people from everywhere in the world.

**When you talk to faculty members and ask them why they came to McGill, what sorts of answers do they offer you?**

The first thing that most professors mention is the remarkable quality of the students who attend McGill. It is a real privilege to be teaching and doing research in a university that has such talented young people. It's energizing. New professors also know that they will be working with extraordinary colleagues at McGill. The opportunity to pursue your work in an environment where you are surrounded by talented people who have knowledge and expertise that complements your own is very appealing. Quality attracts quality. And, of course, the reputation of the university is always an asset. The fact that McGill has built a reputation over the years as one of the great universities of the world certainly plays an important role in our ability to attract exceptional people.

**What are the challenges that McGill faces in seeking out the sorts of exceptional people that we want to hire?**

When you seek out the very best people, you can expect to find yourself competing with universities from all over the world. Some countries have been investing very aggressively in strategies to recruit the best people. Singapore, for instance, is working hard to attract very good faculty. The German government has recently been very supportive of its universities in their efforts to attract exceptional people. France has invested 10 billion euros in an effort to have its universities rank among the top ones in the world. I'm quite familiar with the situation in France because I'm a member of the international panel that is advising the French government on these matters. The competition out there is fierce.

In the early 2000s, I remember Canada faced a problem with brain drain when our dollar fell in value and U.S. universities came in and recruited many great Canadians. A lot of talent left the country during that period. Today, our dollar has gone down again and the U.S. economy is improving. We need to stay vigilant or we might find ourselves in that position again. We can't be complacent.

**How do students benefit from McGill's high standards in selecting faculty members?**

This generation of students is quite sophisticated when it comes to connecting to the world through digital technologies, but when you ask them what is the single most important aspect of their education at this university, the number one factor they point to are the great professors at McGill. And that isn't surprising. These professors often become mentors. They often involve students in their research programs. It is rare that you meet an accomplished person who wouldn't point to someone they met when they were young who inspired them and helped them find their passion in life. That person is often a professor they encountered at university. 🐦



# CENTRE STAGE FOR SCHULICH SCHOOL CHAMPION



NICOLAS MORIN

The King of Rock and Roll never held much appeal for **ELIZABETH WIRTH**, BA'64. Elvis Presley might have been all the rage during her teen years, but Wirth's musical passions were focused in a different direction. A self-described "opera groupie," Wirth remembers devouring copies of *Metropolitan Opera News* (she was a subscriber) the way other people would tear through the latest issue of *People*.

Though Wirth went on to pursue a successful business career in the aluminum and metals sector, her enthusiasm for music continued to flourish. For well over a decade, she has been actively involved with McGill's Schulich School of Music, providing both financial support and serving as an advocate for the School — most notably as a member, and now the chair, of its faculty advisory board.

Underlying Wirth's commitment to the School is her keen interest in its students. "The most wonderful thing about Elizabeth Wirth is that she is not a faceless donor," says Michaela Dickey, MMus'13, ADip'15. "She regularly attends performances at the School and has a genuine interest in the work we are doing. And she is always keen on hearing about our future plans."

As a philanthropist, Wirth has supported and championed an array of initiatives, including scholarships and fellowships, and the Schulich School's renowned opera program, which benefits from the rehearsal and performance environment of the Wirth Opera Studio, renovated several years ago thanks to a gift from Wirth and her late father, Manfred.

In 2013, she spearheaded a highly-successful \$1.3-million fundraising campaign to transform the facilities adjacent to the School's state-of-the-art Music Multimedia Room, allowing students to produce outstanding recordings and conduct

cutting-edge research into sound. She has since matched contributions to the project from more than 50 donors.

Wirth's latest, and largest, gift to the School is a \$7.5 million donation — one of the most generous gifts ever directed to culture and music in Quebec, and one of the largest gifts to McGill from a female donor. The gift was announced at a special event on April 30 featuring some of the School's talented students and young alumni.

Wirth's landmark donation will fund three new initiatives. The first, a suite of student excellence awards, will strengthen the School's ability to attract and retain top talent. A new student initiatives fund will support internships, travel and other activities that benefit students. And finally, a prize in vocal performance will be awarded annually to a voice student who demonstrates exceptional skill. The first of these awards will be presented during the 2015-16 academic year.

"These extraordinary gifts reflect her profound dedication to [the Schulich School] and to its talented students," says Principal Suzanne Fortier.

In recognition of that dedication, the New Music Building will now sport a much more distinctive name. The Elizabeth Wirth Music Building is, appropriately enough, home to both the Music Multimedia Room and the Wirth Opera Studio, as well as the Marvin Duchow Music Library, Tanna Schulich Hall and the Centre for Interdisciplinary Research in Music Media and Technology.

In a CBC TV interview, Wirth acknowledged that she wasn't initially comfortable with the honour, joking that McGill turned down her request to name the building after her dog instead. "I [felt] a bit embarrassed."

But Dean of Music Sean Ferguson, MMus'93, DMus'01, says the recognition is entirely fitting. "It is thanks to the unwavering support of generous donors, including Elizabeth Wirth, that the Schulich School has achieved new levels of excellence over the past decade, offering our students top-notch music training and research programs, along with state-of-the-art equipment and facilities."

LINDA SUTHERLAND

➤ Elizabeth Wirth (black-and-white scarf) shares a champagne toast with students from the Schulich School of Music following the announcement that the School's New Music Building would be renamed in her honour.



A mother driving with her five-year-old daughter in the backseat takes a wrong turn and ends up in a dark alley, forever altering the young girl's life. It sounds like the ominous beginning of a grim film, but quite the opposite is true.

On that cold night in Winnipeg, **HANNAH TAYLOR** peered out the window and spotted a man searching for food in a dumpster.

"I had never seen homelessness and I was struck by it," she says. "My five-year-old heart just wouldn't let it go." In the years that followed, she met with business leaders and politicians, flew around the country for speaking engagements and collected money in jars decorated with ladybugs — her good luck charms.

By the time she was eight, Taylor had raised enough money to launch the Ladybug Foundation, a non-profit that assists other charities across Canada in providing food, shelter and support for



BRIAN SANDERS

## WRONG TURN SET HER ON THE RIGHT PATH

the homeless. To date, the foundation has raised more than \$4 million for dozens of frontline soup kitchens, emergency shelters, food banks and youth shelters.

"Some people spend their lives trying to find [their] passion, but I got lucky and I found it when I was five," says Taylor, the foundation's CEO who recently completed the first year of her McGill arts degree.

That passion is never more apparent than when Taylor discusses the people she has met in her coast-to-coast travels. One of the friends she's made is Rick, who was homeless for about 25 years.

"He is so wise and special and kind and loving. When things get especially tough or busy, I call him and we talk and it reminds me how much work like this matters."

NEALE MCDEVITT

## ENGINEERING THE FUTURE OF *THE WALRUS*

➤ **JONATHAN KAY**, BEng'92, MEng'94, wasn't planning on a journalism career when he attended McGill. He studied engineering, earning two degrees. "I loved the math," he says, "but found it difficult to implement engineering principles in an industrial setting. I wasn't good with my hands."

After a brief stint as a tax lawyer, Kay veered into journalism, spending 16 years at the *National Post*, where he was the longtime comment pages editor. Earlier this year, he landed one of the top gigs in Canadian publishing, becoming the new editor-in-chief of *The Walrus*, the publication that routinely dominates the National Magazine Awards each year.

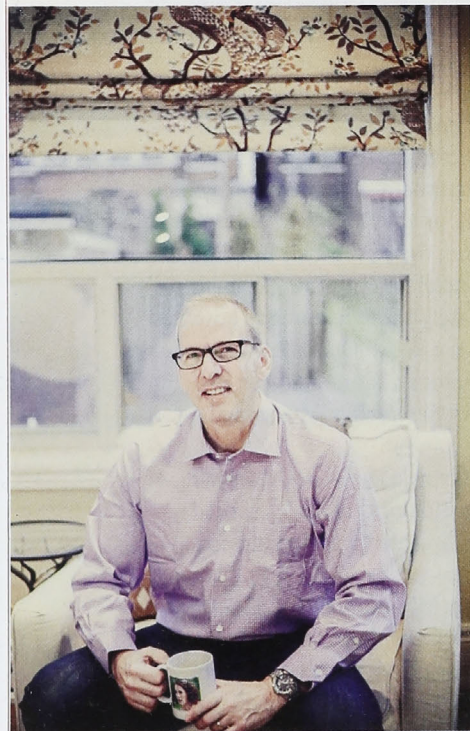
Kay says his engineering training has been useful for his journalism. "I worked on stories that other journalists wouldn't touch because they were scared off by science," he says. Kay's knowledge of metallurgy came in handy when he debunked conspiracy theories about the 9/11 destruction of the Twin Towers in *Among the Truthers*. The book, which examines the factors that fuel conspiracy theories, drew praise from both the *New York Times* and *The Economist*.

While he relishes the opportunity to take on the long-form journalism that *The Walrus* specializes in, his newspaper background is influencing his approach to his new job.

"One of my goals is to use [the magazine's] website to make *The Walrus* more of an active daily participant in the Canadian media's daily marketplace of ideas." Since Kay's arrival, *The Walrus* has been publishing more web-only content — shorter, more timely pieces.

"I have been trying to lead by example." So far, Kay has contributed online essays tackling topics as diverse as *Charlie Hebdo*, the *Rolling Stone* rape story scandal and Uber.

SHELDON GORDON



ALISA BISTONATH





## AN INVENTIVE MIND

The late **CHARLES DREW**, MDCM'33, recently joined a very exclusive group, becoming the fourth McGill graduate to be inducted into the U.S. National Inventors Hall of Fame.

While doing his medical degree at McGill in the early thirties, Drew began working with John Beattie, a visiting professor from Britain interested in a developing area—blood transfusions. That collaboration put Drew on a fateful path.

His subsequent PhD research at Columbia University focused on blood preservation. Along with others in the field, Drew noticed that blood plasma was easier to store for longer periods of time than whole blood. It was easier to transport too—important characteristics to keep in mind when blood supplies were required for emergency situations.

Drew's work attracted attention.

As Nazi war planes rained destruction on British cities at the height of the Second World War, Drew was recruited to be the medical director for the Blood for Britain project that processed and delivered blood supplies to wounded soldiers and civilians. In 1941, he became the first head of the American Red Cross Blood Bank, introducing such innovations as refrigerated mobile collection units—dubbed the “bloodmobiles.”

Apart from Drew, the other McGill alumni inducted into the National Inventors Hall of Fame include **WILLARD BOYLE**, BSc'47, MSc'48, PhD'50 (for co-creating a light sensitive microchip that's crucial for digital imaging), **W. LINCOLN HAWKINS**, PhD'38 (for co-creating a polymer cable sheath that helped make universal telephone service possible), and **DAVID PALL**, BSc'36, PhD'39, DSc'87 (the inventor of a filtration system that made blood transfusions safer).

DANIEL MCCABE, BA'89

## CHAMPIONS OF THE CHESSBOARD



Earlier this year, the **MCGILL CHESS CLUB** accomplished a feat that none of its Canadian competitors have managed to equal. The team earned its third national championship in a row during a competition held at the University of Toronto in January.

“No one has ever won consecutive championships before,” says software engineering student **KEITH MACKINNON**, president of the McGill Chess Club and a veteran of all three championship teams. Along with team members **FELIX DUMONT**, **MICHAEL KLEINMAN** and **RAVEN STURT**, MacKinnon had his name engraved on the Queen's Cup, the symbol of university chess supremacy in Canada.

Not only did the McGill A-team win this year's title, but, like the Montreal Canadiens' legendary Stanley Cup performance in 1960, they took the top prize without dropping a single match. “We really gelled as a team this year,” says MacKinnon.

The chess team's threepeat is the latest chapter in a McGill chess tradition that spans many decades. The McCord Museum collection includes photos of the McGill Chess Club dating back to 1921, all featuring austere young men in suits posed around chess boards.

Today, chess is enjoying a new wave of popularity fuelled, in part, by websites like Chess.com which boasts more than 11 million members and makes the game accessible to more people than ever before.

“Chess fascinates me because no matter how long you've played, you can constantly strive to improve,” says Kleinman, an electrical engineering student. “There's a great feeling of satisfaction after a well-played game.”

ANDREW MAHON



OWEN EGAN

↑ McGill Chess Club president Keith MacKinnon (left) considers his next move in a match against fellow club member David Zhov.



## A TOUR OF TASTY TREATS

**MÉLISSA SIMARD**, BA'08, knows things about Montreal that would make your mouth water.

A professionally trained cook and a natural-born storyteller, Simard is the driving force behind 'Round Table Tours, labelled as a top tourist attraction by Trip Advisor.

While reflecting on culture and identity by day for her McGill degree in Canadian studies, the British Columbia native worked nights in kitchens. After McGill came cooking school and an internship in Calabria with celebrity chef Luigi Quintieri. Upon returning to Montreal, Simard worked in restaurants like Graziella and Del Canale, but found herself tiring of life in the kitchen. "You don't have contact with the public, you don't see people eat what you cook," she says. "I wanted to do something more on the social side of food."

She launched 'Round Table Tours in 2012 and won a pair of Quebec entrepreneurial awards the next year.

"I try to explore cultures, neighbourhoods and food genres through the stories of chefs and entrepreneurs," she explains. Aside from her four regular tours (Food Trucks, Iberian, Jewish, and Living Foods), she tailors tours for corporate clients. She is also developing new tours on pioneering women, tea, and Chinatown.

For the Iberian tour, participants visit a small-scale chorizo producer behind a depanneur, snack on acorn-fed ham, and sit down for tapas at three restaurants. Her Living Foods tour includes a lecture by a food scientist, a visit with an urban beekeeper, meeting a mushroom grower in his lab, and finishing with a vegan five-course Thai meal. "People really step into another universe they didn't expect," Simard says.

To find out more, visit [www.roundtablefoodtours.com](http://www.roundtablefoodtours.com)

MAEVE HALDANE



ALEX TRAN

## A RISING STAR IN QUEBEC FILM

**NANCY GRANT**, BA'06, is one of Quebec's hottest film producers and has worked with some of the province's most talented auteurs, including Denis Côté, Maxime Giroux, and Anne Émond. But if she's top of the class right now — and she is! — it's mostly thanks to her collaborations with totally-happening cineaste Xavier Dolan.

Impressed by the young director's work, Grant reached out to Dolan via Facebook in the fall of 2012 and offered to invest in *Tom à la ferme* — his project at the time.

The duo immediately clicked. Dolan invited Grant to watch him do some editing. She shared her thoughts on his work and Dolan asked her to take on a more active role with the film. "That's really where the creative collaboration began," says Grant.

The success of Dolan's most recent film, *Mommy*, propelled Grant into the spotlight.

The emotionally-charged drama about a blue-collar single mother and her unstable teenage son won the Prix du jury at the Cannes Film Festival, the César (the French equivalent of the Oscar) as best foreign film, and swept both the Canadian Screen Awards and the Quebec Jutra Awards.

*Mommy* was filmed in 24 days in 2013 — Dolan and Grant were determined to launch the movie at Cannes the following spring. They began filming before most of the financing was even in place.

"With *Mommy*, we just went for it, Xavier and I," says Grant. "We'd come up with a helicopter [to shoot a scene] and people would be: 'What's going on guys? You don't have money.' We had faith."

Next up is co-producing Dolan's first English-language film, a showbiz satire starring Jessica Chastain and Susan Sarandon.

BRENDAN KELLY, BA'85



DENIS BEAUMONT/CANADIAN PRESS



# MCGILL RESEARCHERS RECEIVE \$100 MILLION BOOST



PIERRE DUBOIS/MCGILL UNIVERSITY HEALTH CENTRE

The Canada Foundation for Innovation, a national funding body that directs millions of dollars towards investments in research infrastructure, recently announced that it would be spending \$333 million to support research projects at universities across the country. Close to 10 per cent of that money — \$30 million — is going to projects led by McGill researchers. No other university received as much.

The CFI money is matched by provincial governments and funding for CFI-supported projects is also received from other sources. All told, McGill-led CFI projects will be receiving \$100 million. McGill researchers are also involved in seven CFI projects that will be headquartered at other universities.

“This important investment in state-of-the-art research infrastructure enables Canadian researchers and their partners to continue to be among the world’s leaders in areas of great importance to Canada and globally,” says Principal Suzanne Fortier, who thanked the CFI and the Canadian and Quebec governments for their support.

One of the McGill researchers who will be receiving CFI funding is neurology and neurosurgery professor **ALAIN PTITO**, BA’75.

The CFI support will allow Ptito to establish a unique research facility at the Montreal General Hospital devoted to assessing and exploring the effects of mild trauma brain injury (mTBI).

“It doesn’t feel ‘mild’ for the person who suffers from one,” says Ptito, noting that 80 to 85 per cent of all head injuries could be characterized as instances of mTBI.

The symptoms associated with mTBI include persistent headaches, memory loss, dizziness and depression. The principal causes of these injuries include motor vehicle accidents, falls (particularly among the elderly) and sports-related injuries.

Conventional technologies like MRI or CAT scans often don’t detect any evidence of damage in mTBI patients, which makes the injuries difficult to diagnose, says Ptito. It also creates further problems for those who suffer from mTBI symptoms. “An insurance company might question the validity of the symptoms because of the results of these scans.”

Thanks to the CFI funding, Ptito and his team can purchase an Ultra High Performance MRI system that offers a resolution 64 times greater than a conventional MRI. “We’ll be able to look at the subtle shearing of [nerve fibres], things that we just can’t see with conventional technologies.” The only other Ultra High Performance MRI system in North America is at the Harvard-affiliated Massachusetts General Hospital.

**RICHARD CHROMIK**, an associate professor of materials engineering, heads up another McGill-led CFI project, one that involves a variety of aerospace companies as well as four universities.

Chromik’s CFI project focuses on the surface properties of materials used for aircraft or space vehicles. When you’re building an airplane, Chromik explains, you have to put a lot of thought into the materials that will be used on the exterior. What materials do the best job of reducing friction? Which ones provide the best protection against corrosion?

The CFI funding will allow Chromik and his collaborators to use highly specialized vacuum chambers that simulate environments in outer space. The researchers will be needing these unique tools as they assess the surface materials that would work best for satellites and spacecraft that travel in the vacuum of space, as well as for vehicles and probes that might be used to explore the surface of the moon or Mars. “It’s an opportunity to work with the international community on future space exploration missions,” says Chromik.

DANIEL MCCABE, BA’89

↑ Alain Ptito, a neurology and neurosurgery professor has explored the impact of concussions on McGill athletes and on other groups.





PHOTO: ALEX TRAM

## HIGH-STAKES HIDE AND SEEK

Even the best neurosurgeons have difficulty during operations spotting cancer cells that have infiltrated into healthy brain tissue. These invasive, outlier cells that extend from the main tumour into healthy tissue often can't be detected visually, or with technologies now used clinically, like MRI.

"Your task is to remove the cancer, but you can't see the full extent of it, so invasive cancer cells frequently remain after surgery," says **KEVIN PETRECCA**, BSc'94, PhD'00, MDCM'02, the chief of neurosurgery at the Montreal Neurological Institute and Hospital. The consequences of missing those hard-to-see cancer cells can be catastrophic. "Survival time isn't just about how much cancer you remove, it's about how much cancer you leave behind," says Petrecca.

A new hand-held, fibre-optic probe developed by Petrecca and Frédéric Leblond, an engineering professor at Polytechnique Montréal, enables surgeons, for the first time, to accurately detect virtually all invasive brain cancer cells during surgery. It uses laser technology to measure the light scattered from molecules and distinguish between the molecular fingerprints of cancer tissue and normal brain tissue.

"The probe tells you with greater precision where there are cancer cells and where there aren't," says Petrecca.

Petrecca has used the probe on more than 40 patients. He and his partners are now looking at commercializing the new device. "We know that it works and surgeons will probably be using the probe as a decision-making tool within a year or two," he says.

MARK WITTEN

## RICH KIDS, POOR KIDS, SICK KIDS



Four of the five domains showed an increasing gap. (Only life satisfaction was less clear.)

"The big take-home message for us is to keep an eye, not just on the averages or prevalence of diseases, but [on] the need to look at these inequalities," says Elgar.

He believes health inequalities are not only connected to disparities in income, they're actually driving them.

"These differences shape how far kids can go in their education and the types of job opportunities that will be available to them later on," he warns. "If you're looking to do something proactive about income inequality, you have to look at closing the gap early in life."

Trends that emerge in adolescence can predict future inequalities in adult health, yet the teenage years are rarely the focus of health studies.

"They're absolutely ignored. They're considered the so-called healthy years, but that's not true. It's a very formative time," Elgar says. "Inequalities in one's adult years are usually rooted in adolescence."

ERIK LEIJON

The gap between rich and poor is increasing and, along with it, inequalities in mental and physical health among adolescents, according to a study led by associate professor of psychiatry **FRANK ELGAR**.

The data mining study, published in the leading medical journal *The Lancet*, looked at 34 countries in Europe and North America and nearly a half-million 11 to 15 year-olds. Different health domains balancing physical and mental well-being were measured: physical activity, body mass index (BMI), physical health symptoms, mental health symptoms and life satisfaction, which is a widely used indicator of well-being.



## FLUMMOXED IN THE FOOD AISLES

➤ A grocery store can be a frustrating place to visit for anyone intent on maintaining a healthy diet. Pick up a can of soup and you might be confronted with a Nutrition Facts label listing 20 lines of items describing the caloric value, different types of fat and percentages of daily vitamin requirements.

A typical shopper could memorize the information on the label and still have no idea if the food it described was “good” for them. Should you be happy about that four per cent of iron or should you feel shortchanged?

Concerned about the costs that rising rates of obesity are inflicting on the health-care system, psychology professor **THOMAS SCHULTZ** decided to take a careful look at the nutritional labels.

The model mandated in North America is not the only food labeling option out there. Other popular systems signal nutritional value with a traffic light indicator (red, yellow, green), while Nu-Val uses a single score on a scale from 1 to 100. Schultz wanted to see which system best aids consumers as they make nutritional choices.



MATT FORSYTHE

Study subjects chose between a number of different products, labeled with the Nutrition Facts Chart, the Nu-Val score, the British Traffic Light system and a simple yes/no nutritional certification to assess which of the systems led to healthier choices. The Nu-Val system, with its single number, consistently steered participants to better nutritional outcomes. Still, Schultz doesn't think it is sufficient on its own.

“I would not recommend deleting the Nutrition Facts panel, even if many people never figure out how to use it,” he says. “Nutrition Facts could still be useful for those shoppers wanting specific nutrient information.”

MARK REYNOLDS

## THE MYTHS AROUND NOT CRIMINALLY RESPONSIBLE

Watch enough films and you might be forgiven for thinking that violent crimes are typically committed by the mentally ill (Norman Bates, Michael Myers, etc). But a recent study that examined the cases of 1,800 mentally ill individuals who were found not criminally responsible (NCR) for the crimes they committed paints a very different picture.

For one thing, the study indicated that the mentally ill rarely commit crimes—fewer than 0.2 per cent of criminal cases result in verdicts of NCR. Those individuals who do receive NCR verdicts are unlikely to commit other crimes in the future—only about 17 per cent did within three years of the first offence (research indicates that the recidivism rate is twice as high for prisoners in the penitentiary system). Violent crimes like homicide or attempted murder are seldom associated with NCR verdicts.

“The trend we often see in movies is to depict these individuals as being very violent and that isn't really the case,” says associate professor of psychiatry **ANNE CROCKER**, BSc'93, a lead author for the study which examined records from Quebec, Ontario and British Columbia.

Crocker says that previous studies of NCR cases focused on small samples. “We wanted to get the big picture so that we could make more informed decisions.”

One area of concern highlighted by the study relates to the family members of some NCR individuals. In the rare cases that do involve violence, family members are at the highest risk of being the victims. “We need to think about how we can give proper support to family members who are placed in situations where they face really difficult choices.”

DANIEL MCCABE, BA'89



ADRIA FRUITOS



## THE MARVELS OF MICROBE POOP

Fool's gold — that deceptively glittering mineral that filled the matchbox treasuries of many an elementary school geologist — is a key to geological time, opening a door on climate from eons past. It is also made of poop.

The sulfide that bonds with iron to create glittering pyrite comes from anaerobic microbe excrement. **BOSWELL WING**, an associate professor in the Department of Earth and Environmental Sciences, says that a microbe's poop can tell us a great deal about the environment in which it lived.

Anaerobic microbes use sulfate to break down carbon, where we use oxygen. Wing and his team discovered that the tiny creatures can distinguish between different isotopes of sulfate — preferentially “fractionating” molecules only a neutron or two different from one another. In times of plenty, they use a greater number of heavy sulfur isotopes, and in leaner times restrict themselves to lighter sulfur isotopes. That preference was expressed in the waste material.

Whole worlds reside in that one-part-in-a-thousand poop. Now that we know its causes, it is theoretically possible to deduce the environmental conditions experienced by the microbes in the ancient oceans. Since the sulfate they used came from oxidized runoff from the continents, their excrement is also an indirect signal of atmospheric oxygenation levels millions of years ago.

Other microbes that fractionate carbon and nitrogen are also in his lab's experimental pipeline: “The most exciting part of what we're talking about is that this will open records on the relatively recent past in geologic terms (millions to hundreds of thousands of years ago), to look at variations in global climate, including temperature and carbon dioxide levels.”

MARK REYNOLDS

→ **Mbenzele Pygmies in the Congo take part in a research study about music.**



## REACTING TO THE RHYTHM

➤ Is music truly universal? If so, you'd think that 40 Canadians in Montreal and 40 Mbenzele Pygmies in the Congo would have more or less the same response to, say, Bernard Herrmann's frenzied score for the infamous shower scene in *Psycho*.

A McGill/ Université de Montréal research team put that notion to the test. The study involved playing 19 musical extracts (some of it Western, like Herrmann's score, and some of it Pygmy) to both the Canadians and the Mbenzele Pygmies.

One of the prerequisites for the Montreal group was that all participants be musicians. “In Pygmy culture everyone is a musician,” explains **STEPHEN MCADAMS**, BSc'77, the Schulich School of Music's Canada Research Chair in Music Perception and Cognition. “They are noted for their complex rhythmic polyphonies.”

The resulting study debunked the notion that music is the universal language — at least partially. “In terms of arousing emotions, music is somewhat universal,” says McAdams, one of the study's co-authors. “But, in terms of valence [positive vs. negative emotions], there is no clear correspondence.”

That difference could be due to the role of music in the respective cultures. In the West, it is not uncommon for someone to match a mood with music, reflecting sadness by playing, for example, a James Blunt ballad.

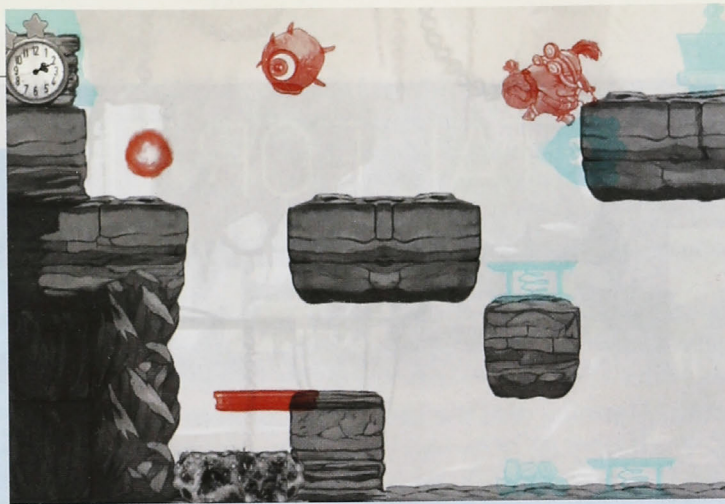
“In Pygmy culture, the notion is that negative emotions are bad because they disturb the harmony of the forest, so music is used as a mood-changer, perhaps to banish the sadness of a funeral or fear before a hunt,” says McAdams. “In fact, the Pygmy word for music is ‘you can dance to it.’”

ANDREW MAHON





# CAN I PRESCRIBE YOU A VIDEO GAME FOR THAT?



Adults with amblyopia, or lazy eye, have long been told that their condition might be untreatable. A group of McGill researchers, in collaboration with the gaming company Ubisoft, have now developed an unexpected remedy: a video game.

They created a tablet game, *Dig Rush*, where players control moles digging for gold. It works as a treatment for amblyopia by harnessing adult brain plasticity.

“We always thought the brain was plastic as a child and not as an adult. But now we know that it’s still quite changeable as an adult,” explains **ROBERT HESS**, the director of the McGill Vision Research Unit and the project’s lead researcher. “That means we should be able to develop new ways of recovering function that’s been lost, either in childhood or as a consequence of some vascular accident or trauma.”

Amblyopia affects about three per cent of the North American population. It is the leading cause of visual impairment among children and, if unsuccessfully treated, a leading cause of blindness for adults. It results from poor processing in the brain that leads to one eye being favoured over the other.

Currently, the primary treatment for amblyopia involves placing an eye patch over the stronger eye to force the weaker eye to work. It is available only to children and is moderately effective; about 60 per cent of individuals improve, but 25 per cent regress once the patch is removed.

*Dig Rush* involves a completely new approach for treating amblyopia. Rather than attempting to improve vision in one eye, it gets the two eyes to work together. This is accomplished by showing different stimuli to each eye. Reducing signal strength to the good eye by showing it weaker stimuli alleviates suppression in the weaker eye and encourages both eyes to function collaboratively.

Physicians can adjust the contrast of blue and red in the game using stereoscopic glasses, so that one eye sees some images better than the other. As the patient’s vision improves, game settings can be modified to promote further progress. Unlike patching, this treatment is effective in both children and adults.

Patients in trial runs saw dramatic improvement after playing an hour a day for about six weeks, and the improvement persisted even after they stopped playing the game. The long-lasting effects provide evidence of the treatment’s ability to promote brain plasticity.

Hess and his research team began working on this treatment almost 10 years ago, developing the scientific foundation and testing preliminary versions of the game. The prototype used an adaptation of the popular puzzle game, *Tetris*, where the weaker eye would see the falling blocks while the stronger would see the ground blocks. The strength of the signal to each eye was varied, but both inputs were needed to play the game.

“We found that not only were the two eyes working together again, but vision in the poor eye had also improved. Some people even had 3D vision for the first time,” says Hess.

Once the treatment was developed, it was patented by McGill and licensed to Amblyotech, a startup. Ubisoft, the gaming powerhouse behind such bestsellers as *Assassin’s Creed* and *Far Cry*, was recruited to translate the McGill team’s research findings into an engaging game that patients would want to play daily. Once Health Canada and the FDA approve the game, it will be distributed as a prescribed medical treatment.

“As a game producer, it’s exciting to work on such a product,” says Ubisoft senior producer Mathieu Ferland. “Knowing that *Dig Rush* has the potential to improve the sight of millions is quite satisfying.”

DIANA KWON, MSc’15

↑ *Dig Rush* is a videogame developed by Ubisoft in collaboration with a McGill research team.



# A HOSPITAL FOR THE

# 21<sup>ST</sup> CENTURY

After years of careful planning and the largest hospital move in Canadian history, the MUHC Glen site is fully operational. Health care in Montreal will never be the same.

*By Patrick McDonagh*



MUHC



**D**oubled over from painful contractions, the last thing on Marie Brilleaud's mind when she arrived at the hospital was the fact that she was about to make Montreal medical history. Just a little more than half an hour later, at 6:55 a.m. on April 26, Brilleaud's son Arthur made an auspicious debut — the first child to be born at the McGill University Health Centre (MUHC) Glen site.

Indeed, Brilleaud herself was the hospital's first patient, although many more would soon arrive in the following hours. The Glen had opened its doors to the public at 5 a.m. that morning, synchronized with the shutting down of the Royal Victoria Hospital. The 122-year-old Royal Vic then officially passed the torch in the form of an ambulance convoy ferrying its 154 remaining patients to the MUHC Glen. The first to arrive was another newborn, en route to the neonatal intensive care unit. And with these two infants — one born at the Glen, the other leading the

exodus from the Royal Vic — a new era began for health-care provision in Montreal and for research and teaching programs at McGill's Faculty of Medicine.

The MUHC Glen, situated next to Vendome metro station in Montreal's Notre-Dame-de-Grâce neighbourhood, boasts 2.5 million square feet of floor space and a hi-tech approach to health care that feels distinctly futuristic.

Paper medical charts will be eliminated — all medical information will be digitized and accessible through computers at the site. The 20 spacious new operating rooms all feature telehealth technology. ROBOT-RX, the site's new automated medication delivery system, will keep careful tabs on the hospital's supply of pharmaceuticals, making sure that shortages don't occur. An extensive pneumatic tube system described as "the veins of the Glen site" will be used thousands of times a day to transport an array of items throughout the hospital complex — blood samples, for instance.





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“Having been involved in 400 of these efforts worldwide, this, I have to say, was the **best executed patient move I’ve seen.**”

### GEARING UP FOR THE GLEN

For all the 21st century elements that characterize the Glen, its April 26 opening was preceded by comprehensive planning from the turn of the millennium. “A hospital is one of most complex facilities to plan and build, because you have such a wide variety of needs and such a large number of people going through it,” says Imma Franco, MMgmt’14, the MUHC’s associate director for planning of programs and services.

The MUHC picked the brains of clinical, academic and research experts, including 800 of its own, along with architects and engineers experienced in building such specialized facilities. Members of the planning team also made numerous visits to academic health-care centres around the world, exploring different models and defining a set of best practices that touched on everything from emergency room layout and the organization of nursing stations to the floor plan of single-patient rooms. All that consultation eventually got factored into a master plan that was handed over to the Group immobilier santé McGill, a consortium led by SNC-Lavalin and Innisfree Canada that was tasked with transforming the planning into physical reality.

That process took another four years, with the MUHC receiving the keys to the new complex last November and launching its “activation” phase to prepare the site for the researchers, hospital staff and patients who would be arriving in the ensuing months.

The MUHC Research Institute (RI) came first, unpacking labs and setting up equipment in February and March. The Royal Victoria moved in on April 26 and was followed on May 24 by the Montreal Children’s Hospital, and then on June 14 by the Montreal Chest Institute. Some services from the Montreal General — most notably the cancer clinic — also migrated to the Glen. The Shriner’s Hospital for Children — not a McGill teaching hospital per se, but one with deep links to the university’s hospital network — is slated to be the final addition, opening in September. Overall, it is the most comprehensive hospital move Canada has ever witnessed, and one of the biggest anywhere.

It got off to a great start. “Having been involved in 400 of these efforts worldwide, this, I have to say, was the best executed patient move I’ve seen,” said Patrick Moriarty, president of Health Care Relocations (the firm assisted the MUHC with the moves), after the Royal Vic transfer, which represented the biggest single hospital move in Canadian history. “My hat is off to the MUHC staff.”

“The new building is really a huge, very complex machine, so getting everything just right is difficult,” says Ewa Sidorowicz, MDCM’81, an assistant professor of medicine at McGill. As the MUHC’s associate director general of medical affairs and director general of professional services, Sidorowicz chaired the MUHC’s “war room” that oversaw the transition. “Like any new building, things are not always as we anticipated, so our activation process revealed lots of work to be done. If you’ve ever built a house, you’ll know what I mean,” she laughs. “I’ve learned in this process that the most important things in life are ventilation, electricity and access cards.”

### A LEARNING PROCESS

Another part of the activation process involved introducing the 8,000-plus staff who would eventually be working at the Glen to the new site: Each day about 200 clinical and support staff received orientation, and training sessions were held featuring different clinical scenarios. “Work processes aren’t easily transposed from a previous facility to this new one. You have to get to know the environment and figure out how to set up your supplies or move patients from one area to another,” explains Ann Lynch, BScN’78, MSc(A)’86, the MUHC’s associate director general of clinical operations for adult service and an assistant professor at McGill’s Ingram School of Nursing. “These are profound learning challenges.”

Emergency room physician Jim Welch, director of the MUHC’s short stay units, recounts participating in a “code orange” mass casualty simulation involving well over 100 participants. “At the Royal Vic, if someone told me a patient was in a specific room, I could immediately associate the room with its equipment and other factors, because I knew it so well,” he says. “In this exercise, I was told, ‘We have a 57-year-old male in room 63,’ and just blanked — it meant nothing to me. The whole space was a big blank.” But that said, Welch, an associate professor of medicine at McGill, is enthusiastic about the Glen. “We are moving from a very cramped area at the Royal Vic to a bigger ER with better equipment and better organized space,” he says. “For sure there will be bumps and hiccups. But we should expect that, and we’ll get over it.”

“The Glen offers an unbelievable platform for providing a very high level of sophisticated care, and it represents a massive change for health care in Montreal,” says Lynch. “Everything is designed with patients and their families in mind, including 500 private rooms for patients, 154 in pediatrics and another 346 for adults, each with its own bathroom, a folding couch for family members, and a spectacular view.” The emphasis on private rooms isn’t prompted by the desire to boost patient morale alone. Recent studies, some of them done by MUHC researchers, indicate that private rooms for patients cut down substantially on the risk of potentially dangerous infections and result in shorter hospital stays.





OWEN EGAN

← A convoy of ambulances were used to transport patients during the Montreal Children's move.

↙ The Cedar Cancer Clinic's CyberKnife delivers radiation treatment with pinpoint accuracy.

↘ Loïc Bydal (right) and Jouri Abdulmaola making their way to the Medcars that would transport them from the old Montreal Children's Hospital to the Glen site.



MUHC



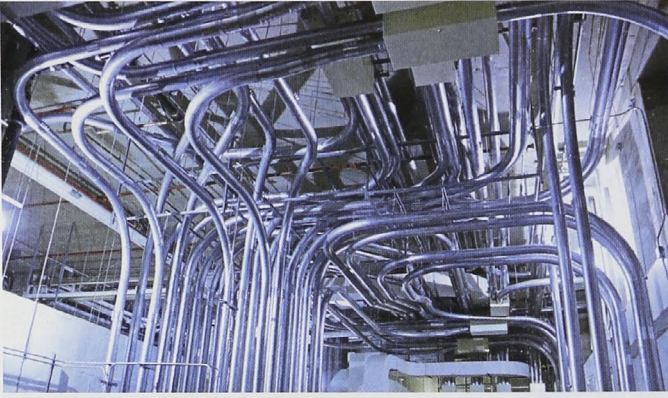
OWEN EGAN

↘ MUHC volunteers receive their final briefing before the Montreal Children's move.



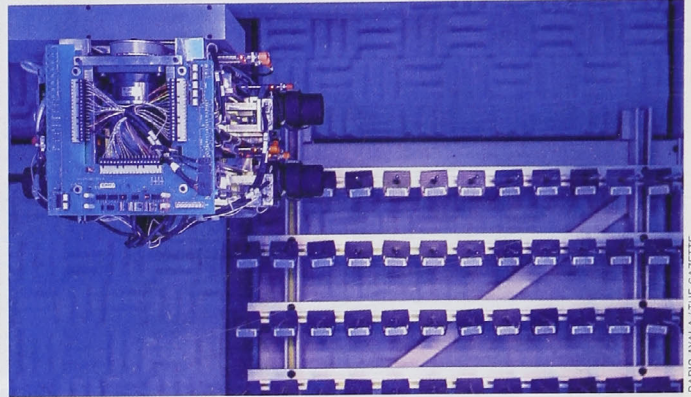
OWEN EGAN





↑ The Glen site's pneumatic tube system will be used to transport medications, blood samples and other items.

↓ The automated ROBOT-RX will keep careful tabs on the inventory of medications at the Glen site to prevent shortages from occurring.



DARIO AYALA / THE GAZETTE

While the Glen provides almost 100 fewer beds than the sites it replaces, Lynch points out that the MUHC is part of a province-wide health network, and that beds are being added to community-based hospitals to ensure that there is no net loss. The Glen will be focusing on areas of care that require high levels of specialized expertise. As Franco explains, “The MUHC will not be the place where everything will be treated, but will serve people who need specialists.”

And for those people, the Glen should be a godsend. For instance, the Cedars Cancer Clinic, a three-story facility, consolidates most of the MUHC’s cancer treatment services, previously spread across the Montreal General, Royal Victoria, Montreal Children’s Hospital and Montreal Chest Institute.

In an interview with Global TV News, Armen Aprikian, the medical director of the MUHC Cancer Care Mission, said, “The Cedars Centre will be the house where patients will have most of their services, meet with professionals, have radiation and chemo therapy — all under one roof.”

The Cedars Centre is also equipped with cutting-edge technology, including the Glen’s most costly piece of medical machinery, the CyberKnife, which can pinpoint radiation treatment to attack cancer cells, while leaving the surrounding healthy tissue undamaged.

### NEW ERA FOR RESEARCH

The Glen’s clinical operations will only be a stone’s throw away from the research programs being carried out by the MUHC Research Institute (the buildings are linked underground and by an elevated walkway). “We aim to create a fertile environment that will facilitate interactions between people — chemists, physicians, biologists, epidemiologists, and so forth — to generate ideas,” says Vassilios Papadopoulos, executive director of the MUHC RI. “Before the move, our research teams were scattered across 65 locations on four hospital sites.”

Papadopoulos recounts an anecdote from shortly after the RI arrived at the Glen: a diabetes researcher who had been at McGill for 30 years was able to find answers to a difficult research question simply by going to another lab one floor away, and finding someone whose work addressed that question. “When I hear stories like this from researchers, I feel good, because this is a goal: making sure our researchers have the environment to communicate and collaborate.”

The RI is comprised of three independent, but interlinked centres: the Centre for Translational Biology (CTB), the McConnell Centre for Innovative Medicine (CIM), and the Centre for Outcomes Research and Evaluation (CORE). All three share a focus on transforming the latest discoveries of medical science into improved patient care as swiftly as possible.

Research at the CTB will be directed towards uncovering a better understanding of the nature of diseases. CORE studies will use a multifaceted approach (researchers at CORE include specialists in epidemiology, economics and biopharmaceutics) to carefully gauge how diet, new medications and environmental factors affect health outcomes. CIM research will centre on clinical trials that test the efficacy of potential new therapies. “As the space where clinical medicine and research meet, the CIM is really the heart of the hospital,” Papadopoulos says.

One innovative CIM project has already sparked newspaper headlines across the country. CIM will coordinate data collection for the Quebec Cannabis Registry, the world’s first research database on the use of cannabis for medical purposes. Mark Ware, an associate professor of family medicine and anesthesia, played the lead role in launching the registry. “We need to improve our understanding of the real-world use of medical cannabis and to make these data available to other researchers and collaborators.”

Unusually, for academia, the research groups in the MUHC RI centres are defined by their programs — for instance, cancer or respiratory diseases research — rather than being divided along traditional departmental lines. “This arrangement requires more coordination, but it also creates a more intellectually dynamic space,” says Papadopoulos. “And in terms of our teaching, it means that we are giving the next generation of researchers a truly interdisciplinary training environment.”



"Collaboration is a combination of opportunity and will," says Michael Shevell, BSc'80, MDCM'84, the MUHC's pediatrician-in-chief and the chair of McGill's Department of Pediatrics. The move to the Glen, says Shevell, "is certainly creating all kinds of opportunities for new collaborations.

"Immediately adjacent to the Montreal Children's will be the Shriners and that will open up new opportunities to interact with their experts in rehabilitative medicine," says Shevell. "And immediately adjacent to us on the other side of the building will be our colleagues in adult medicine."

Shevell expects to see some interesting partnerships develop as a result of the new proximity of the Children's and the Royal Vic. "A lot of kids are now surviving into adulthood with chronic disorders and one of the challenges that we face is how do we make a smooth transition [for these patients] into adult care." Shevell believes that the process will become easier to navigate now. "I'm hopeful that we'll see pediatric nephrologists bumping into nephrologists from the Vic at the cafeteria, for instance, and there will be new opportunities for some outside-the-box thinking as a result."

In addition to transforming research and patient care, the Glen will also have a huge impact on medical education. "Medical students learn from practitioners, and where those practitioners work makes a big difference," says Dean of Medicine David Eidelman, MDCM'79. As the Glen is oriented to complex cases referred by other hospitals or physicians, it will provide a highly focused learning environment for students on rotation and for residents pursuing specialties practiced there. But other specialties must be taught elsewhere, either at the Montreal General or at another

institution in the McGill network. The Glen will not be a one-site-fits-all learning environment. "We are starting to have to think a little differently about how we organize rotations and carry out our teaching mission," Eidelman says.

Students are partners in this process. "The kids in the second-year group are used to being guinea pigs," says Eidelman, noting that these students were the first to experience the Faculty's new curriculum, introduced last year. "They have rolled with the punches and helped us improve the curriculum; I'm sure they are going to discover things that we need to fix with the Glen too," says Eidelman. "But this will be a great opportunity for them to work in a facility that is so much more advanced than what they were dealing with at the Royal Vic or the Montreal Children's Hospital."

So far, the student response is enthusiastic. "We're already lucky to have such great teachers at McGill, and now we are going to be able to learn in one of the most up-to-date facilities anywhere," says Nebras Warsi, BSc'13, the past president of McGill's Medical Students Society.

"It's an exciting time," says Lynch. "The spirit with which people have taken on this change is extraordinary." "This has been one of the best bonding experiences imaginable," says Sidorowicz. "And preparing a new facility on this scale is a once-in-a-lifetime experience." ✎

*Patrick McDonagh is a Montreal-based writer. He is the author of Idiocy: A Cultural History, and has contributed to the Globe and Mail, The Walrus and Chatelaine.*

## SAYING GOODBYE

While enthusiasm runs high for the Glen, there were many misty eyes as the venerable Royal Victoria Hospital locked its doors. "I have been part of the Royal Victoria since 1986 and I know every inch of it," says Ann Lynch. "When you think of the amount of care here since it opened, the births and operations—well, I think there [is] a twinge of the bittersweet." Ewa Sidorowicz agrees. "I did my residency at the Royal Vic, so it's home for me. You tear up a little bit when you think, 'I'm never going to sit in this dirty old chair again, with this dirty old desk and terrible looking wall' — because it's home."

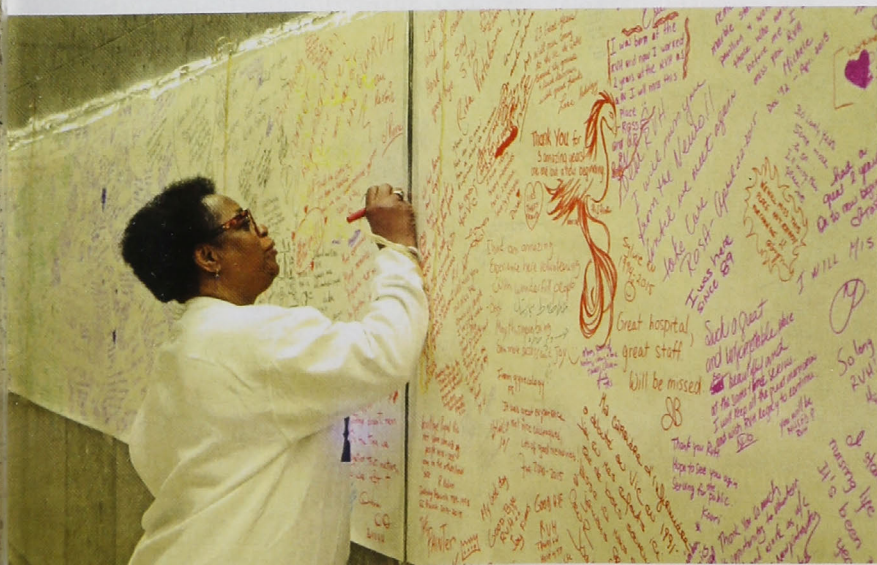
"I'm very fond of the Vic, and have been here most of my professional career," says ER physician Jim Welch. "It's the birthplace of emergency medicine as a specialty in Canada, so it's a very meaningful place for me."

The final closing ceremonies for the Royal Victoria Hospital featured 16 bagpipers from the Black Watch Association Pipes and Drums playing "Amazing Grace" while marching from the Vic's emergency room at the top of University Street to its main entrance on Pine Avenue. The event was organized at the last minute, so the crowd of staff and former patients was small—but the impact was profound. "People were crying," says Sidorowicz.

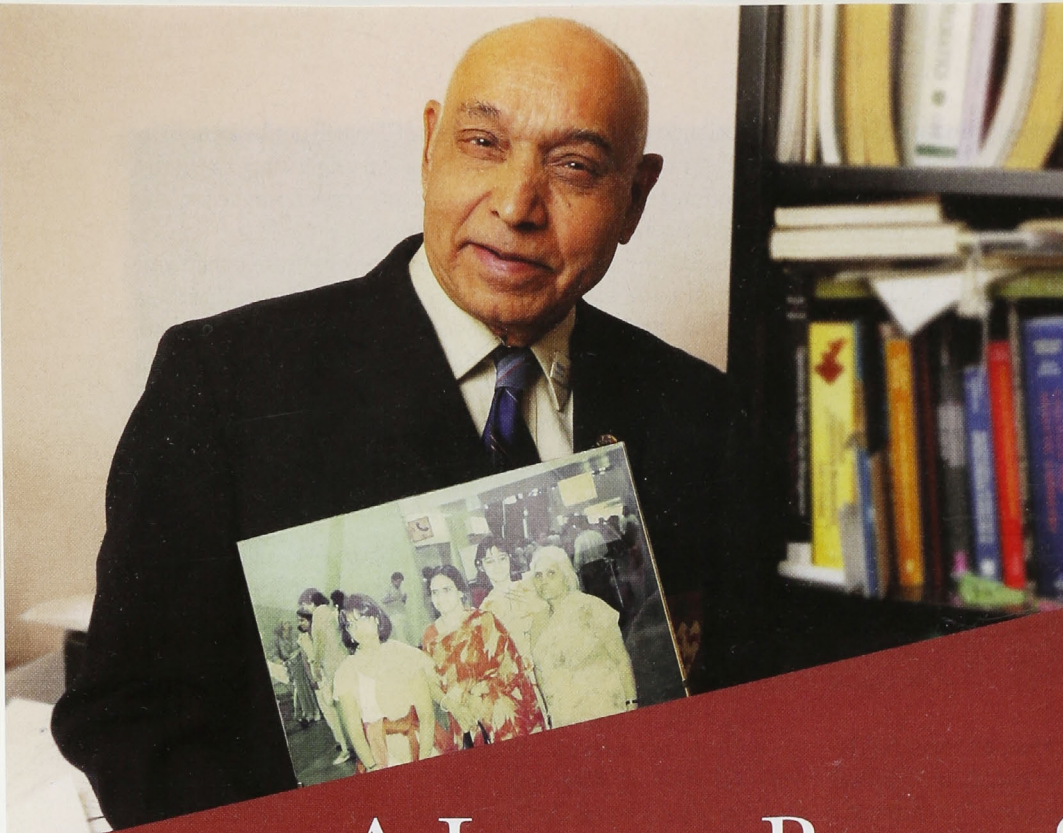
The old Montreal Children's Hospital site was a part of Michael Shevell's life since he began his pediatric residency there in 1984.

"It's like leaving your childhood home. You have a lot of affection for the old place. But there is no disguising the fact that it's no longer a hospital for the 21st century. Our patients and their families deserve something better."

← Royal Victoria Hospital staff left behind goodbye messages before making their way to their new workplace at the Glen site.







THE GIFT OF  
A LIFETIME

## A Legacy Born of Loss

It would be hard to find a more enthusiastic advocate of higher education – and of McGill – than Prof. Mahesh Sharma, DipEng'68, MEng'72, DipMan'74, MBA'76.

"There is nothing more important than education, and I am very grateful for all that it has given me," says Sharma, a Professor and Distinguished Teacher at Concordia University's John Molson School of Business. "McGill has been a significant part of my life, and I am grateful for the opportunities that it opened up for me."

Sharma, who immigrated to Canada from India in 1966, recognized that education was the key to a successful future. "When I arrived in Montreal, with only \$8 in my pocket, I stayed with my brother, Brajesh, who also studied architecture at McGill," he recalls. "I already had a Bachelor of Mechanical Engineering, so I got a job and enrolled part-time at the School for Continuing Studies for evening courses towards a post-graduate Diploma in Engineering."

After earning a Masters of Mechanical Engineering (specializing in aerodynamics) at McGill, Sharma went to work for a multi-national engineering company. But it was not long before his appetite for learning drew him back to McGill. He returned to the School for Continuing Studies to take evening classes for a Diploma in Management, which he earned in 1974. Two years later he completed his

MBA at the Desautels Faculty of Management – with support from a Quebec Senior Administration Fellowship.

By the 1980s, Sharma had risen to the position of chief engineer at his firm. Then, on June 23, 1985, his life was dealt a devastating blow, when his wife, Uma, and daughters, Sandhya and Swati, perished in the bombing of Air India Flight 182.

Shortly after suffering this terrible loss, Sharma decided to leave industry and take on a full-time teaching position at Concordia, where he had been lecturing since 1975. Now a tenured professor in the Department of Supply Chain & Business Technology Management, Sharma was presented the prestigious John O'Brien Distinguished Teaching Award based on 10 years of teaching in June 1985.

He has now decided to honour his family's memory at McGill in a lasting way, by establishing a legacy gift that will fund two student awards, one in the Desautels Faculty of Management, named for his daughters, and the other in Engineering, in his and his wife's name.

After losing his family, Sharma is pleased to be carrying on their memory in this way. "Education is the best thing in life, and McGill meant a lot to my wife, who worked in the Library, and my daughters, who attended the summer camp. So giving back to the University in their name is the best donation I can make."



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# MEET THE CANDIDATES

Canada's next federal election is scheduled for mid-October, but most pundits would agree that the campaigning actually began months ago. According to recent opinion polls, this could end up being one of the most intriguing elections in the country's history. In mid-May, some polls projected a virtual three-way tie between the main political parties — the Conservatives, the Liberals and the NDP.

The next few months promise to be hectic for candidates from all parties, whether they're Conservative ministers hoping to hold on to power (Citizenship and Immigration Minister Chris Alexander, BA'89, and Natural Resources Minister Greg Rickford, BCL/LLB'05, for instance), young NDP MPs eager

to prove that the last election's Orange Crush breakthrough in Quebec was no fluke (such as Charmaine Borg, Matthew Dubé, BA'11, Mylène Freeman, BA'11, and Laurin Liu — otherwise known as the "McGill Four" for their surprising transition from McGill students to MPs), or first-time candidates hoping to play a role in a resurgent Liberal Party (David Lametti, BCL'89, LLB'89, an associate professor of law at McGill, for one).

The spotlight will shine on three McGill alumni in particular during the campaign — NDP leader Tom Mulcair, Conservative finance minister Joe Oliver and Liberal leader Justin Trudeau. All three recently found some time to answer a few questions for the *McGill News*.





Justin Trudeau had one of the most famous roommates in Canada while he was attending McGill — he was living close to the downtown campus with his father (and former prime minister) Pierre. During his studies at the University, Trudeau joined the McGill Debating Union, describing the experience as “an education on its own.” It helped cement a deep friendship with a fellow student who was the Debating Union’s vice-president at the time — Gerald Butts, BA’93, MA’96, now Trudeau’s principal adviser. Between 2002 and 2006, Trudeau chaired Katimavik, a national organization that encourages young people to become active in community service through volunteer programs.

Trudeau became the leader of the Liberals in 2013, inheriting a party that was reeling from its worst election performance ever. Since taking over, Trudeau has helped steer the Liberals to surer ground. The party enjoyed its best fundraising results in a decade last year and it attracted 200,000 new members in 2014.

**What advice would you give to a 20-year-old version of yourself?**

Take morning classes. It’s too easy to waste time by sleeping in.

**What was the most important thing you learned as a student at McGill?**

Interesting professors are more important than interesting classes. A great professor can make any subject fascinating and enjoyable, but unfortunately, the reverse is not true.

**Which of your McGill professors had the biggest influence on you?**

Peter G. Brown [from the Department of Geography]. His work on sustainable development and the interconnected relationship between the global economy and the environment had a profound impact on me. How we interact with the planet as individuals and as governments, and our responsibility to address the ecological deficit that exists remain two of the greatest challenges we face as political leaders and as human beings.

**What was your favourite job before you became a politician?**

Being a high school teacher. A good teacher, like a good politician, isn’t someone who provides the answers, but who understands the needs and challenges people face and gives them tools to help them succeed.

**What has been the biggest surprise for you about life in politics?**

How much of an impact you can really have on your riding, as an MP, helping the people and organizations in the communities that you serve.

**Once you step down from politics, how do you want to be remembered?**

As someone who worked hard and made a difference.

**Which MP from a party other than your own do you admire the most?**

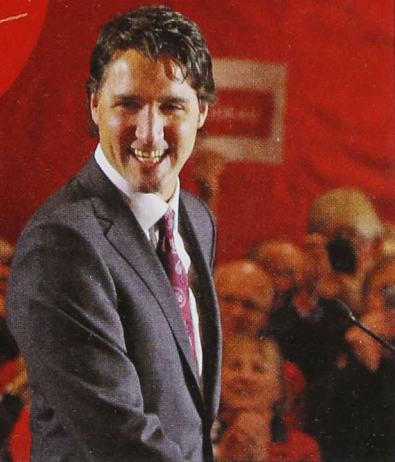
Green Party leader Elizabeth May for her passion and dedication.

**What was the best book you read in the last six months?**

*The Gardens of Democracy: A New American Story of Citizenship, the Economy, and the Role of Government* by Eric Liu and Nick Hanauer.

**The best thing about attending university in Montreal was...**

Being able to share my hometown — the best city in the world — with all of my McGill friends. 🐿️



DAVID CHIDLEY



In an interview with *Maclean's* last year, Joe Oliver explained the thought process that led to him pursuing a law degree at McGill. "It was law or medicine. I didn't particularly like the sight of blood, but I was comfortable with words." He proved to be very comfortable with words during his time at McGill — chairing the *McGill Daily's* editorial board and serving as editor-in-chief of the *McGill Law Journal*. The former director of the Ontario Securities Commission and former CEO of the Investment Dealers Association of Canada, Oliver is a latecomer to politics, winning his parliamentary seat in 2011.

As finance minister, the budget he presented in April will almost surely be a focal point for the next election battle. Oliver himself said as much in an interview with *Report on Business* earlier this year. "The critical message we're going to be conveying to Canadians is that we are good economic stewards and the country is strong, doing better, despite the external risks."

**What advice would you give to a 20-year-old version of yourself?**

Load up on Microsoft stock, put on sunscreen and never wear burgundy bell-bottom seersucker pants. Oh yes, to thine own self be true.

**What was the most important thing you learned as a student at McGill?**

Play to your strengths, keep your long-term goals in mind, be strategic and have fun.

**Which of your McGill professors had the biggest influence on you?**

Donald Hebb, who taught Psych 101, and Professor Paul-André Crépeau, who gave me the idea of saying I wanted to study under the great civil law professors the Mazeaud brothers — which probably was what got me a Quebec scholarship to study in France.

**What was your favourite job before you became a politician?**

Selling encyclopedias in the interior of B.C. and investment banking. Both were good preparation for politics.

**What has been the biggest surprise for you about life in politics?**

Surprise: Answers are limited to 35 seconds in Question Period. Not a surprise: There is no longer a distinction in the media between opinion and news.

**Once you step down from politics, how do you want to be remembered?**

I don't want to leave prematurely, so ask me after I have left.

**Which MP from a party other than your own do you admire the most?**

Irwin Cotler, the former editor-in-chief of the *McGill Daily* (before it went totally radical, which it still is today), former minister of justice and a great international civil rights advocate — even though he does not know the difference between a debit and a credit.



MARK BLINCH/REUTERS/LANDOV

**JOE OLIVER**  
BA'61, BCL'64

**What was the best book you read in the last six months?**

The Budget. (And no, it was not fiction.)

**The best thing about attending university in Montreal was...**

Smoked meat sandwiches at the Snowdon Deli, the Orange Julep and deconstructing the socialist psyche.



**T**om Mulcair scored his first major electoral success as a McGill law student, becoming the president of what is now known as the McGill Law Students Association. He began his law studies right after completing CEGEP and, in an attempt to look older (he was one of the youngest students in his law class), started growing the beard that has become one of his signature traits (political observers note that Canada hasn't had a bearded prime minister in more than a century).

Mulcair has attracted plenty of attention for his prosecutorial approach to his Question Period exchanges with the government (former prime minister Brian Mulroney declared that Mulcair was the best leader of the Official Opposition in Canada since John Diefenbaker). A former Quebec cabinet minister, Mulcair has led the NDP since 2012, when he succeeded another McGill graduate, the late Jack Layton, BA'71. When he was officially declared the NDP's new leader, Mulcair took to the stage sporting a red McGill tie.

**What advice would you give to a 20-year-old version of yourself?**

The decisions being taken politically today will affect you for the rest of your life. So find a way to get involved. It's surprising that in the last federal election, about two-thirds of young people didn't bother to vote.

**What was the most important thing you learned as a student at McGill?**

Learning how to think for yourself and how to apply that theoretical learning to real-life situations.

**Which of your McGill professors had the biggest influence on you?**

In my first year of law school, Frank R. Scott, an emeritus professor, gave a lecture series. He made the law a living thing and that stayed with me during my career and my life in politics. I also remember Richard Field, who became a very respected judge in the U.K.

**What was your favourite job before you became a politician?**

Soon after the Parti Québécois [first] came to power, I headed to Quebec City for a job in the legislative drafting branch where we were preparing the legislative tools to put into effect the very progressive social vision of that government.

**What has been the biggest surprise for you about life in politics?**

I guess the biggest surprise was how demanding it is. But I got to see the inside workings of government before being elected, so that was helpful.

**Once you step down from politics, how do you want to be remembered?**

I'd hope to be remembered as someone who worked really hard and who tried to do well by his fellow citizens — as simple as that.

**Which MP from a party other than your own do you admire the most?**

In our first year of law school, everyone had "a tutor" — someone you met with once a week, to see how your studies were going. Mine was [emeritus professor of law and Liberal MP] Irwin Cotler. I've never considered him an adversary, even though we sat on different sides of the house. [Former Conservative finance minister] Jim Flaherty had a sense of fairness that I thought was really admirable.

**What was the best book you read in the last six months?**

I just finished a biography of Leonard Cohen by Sylvie Simmons and it was wonderful. There's a lot of McGill in there and a lot of Montreal.

**The best thing about attending university in Montreal was...**

Montreal is a very vibrant city. I lived in the student ghetto at the beginning. Living so close to McGill, you sensed the influence it had over the whole area.



SEAN KILPATRICK/CANADIAN PRESS





# MCGILLIANS ARE ALWAYS MAKING NEWS.

## ARE YOU MISSING OUT ON IT?

We sincerely hope that you're enjoying this issue of the *McGill News* – especially since you'll have to wait six months for the next edition of our twice-a-year publication.

**Six whole months.** That's an awfully long time. You might want to re-read the Editor's Notebook. Really take your time with it. Drink in all those subtle nuances.

OR

You could start receiving our monthly e-newsletter, the *McGill Monthly*. It's the perfect way to stay up-to-date with what's happening at McGill and with the people who make it such a special place.

Here's a taste of what you've been missing if you haven't been receiving the *McGill Monthly*:

- McGill cyberbullying expert Shaheen Shariff on the worrisome rise of sexting among the young
- How does *Better Call Saul's* Jimmy McGill measure up to our James McGill?
- Academy Award-winning animator Torill Kove offering a behind-the-scenes peek at what it's like to be an Oscar nominee
- How comedian Sugar Sammy picked up his famous nickname while studying at McGill

If you want to start receiving the *McGill Monthly*, simply sign up for it at [aoc.mcgill.ca/mcgill-news](http://aoc.mcgill.ca/mcgill-news).

Or do nothing. Check out that Editor's Notebook again. Is it just me, or is there something weird about that guy's eyebrows? Fetch a magnifying glass. You've got six months to kill.



**McGill**  
**McGill Monthly**  
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**Behind the scenes at Jeopardy!**

Alex Trebek isn't the only Canadian who plays a pivotal role on *Jeopardy!* Billy Wisse, BA'84, MA'84, is the head writer for the beloved and brainy game show. We quizzed Wisse on his grasp of McGill trivia. Find out how the Emmy winner fared. [Read more >>](#)

ON CAMPUS      DISCOVERY



# REINVENTING CHEMISTRY

A new branch of science aims to do away with the toxic waste that's associated with industrial manufacturing. Some of the brightest lights in this green chemistry movement are pursuing their research at McGill.

by Mark Witten

**T**omislav Friščić wants to be a catalyst for reinventing chemistry. That's the ambition that propels the projects in his research lab. Friščić wants to help transform traditional chemical reactions and processes — reactions and processes that often result in huge amounts of waste and toxic by-products — by making them cleaner, leaner and greener.

Friščić — and many of his departmental colleagues at McGill — are part of a fairly young branch of chemistry known as “green chemistry.”

“Classical chemistry is based on attempts to get chemical products and materials quickly, without much concern about the by-products,” says Friščić, an assistant professor of chemistry. He is developing new approaches for the chemical synthesis of pharmaceutical drugs and the chemical extraction of ores, for example. The goal in both cases is to devise a manufacturing process that is cheaper, safer and more environmentally sustainable.

“Green chemistry is a relatively new field and the great thing about working in a new field is there are so many new discoveries you can make,” says C-J Li, PhD'92, McGill's Canada Research Chair in Green/Organic Chemistry and the co-director of the Centre in Green Chemistry and Catalysis, a Quebec-based research consortium that involves seven universities.

“The ultimate goal of our [lab's] research is to take whatever is available in nature — such as CO<sub>2</sub>, lignin and cellulose — and by inventing very simple chemical reactions through catalysis and clean solvents, like water, turn them into useful chemical products directly,” says Li.

Friščić believes that the work being done by green chemists will soon have “a huge impact on chemical and industrial manufacturing.” He's not the only one who feels that way. The U.S.-based consulting firm Pike Research recently predicted that the market for green chemistry, estimated to be worth \$2.8 billion in 2011, will soar to \$98.5 billion by 2020.

The expanding market for green chemistry and the products and processes it creates is being driven by environmentally conscious consumers and by increasingly stringent regulatory agencies. But that's only part of the tale. Yale University professor Paul Anastas, credited with coining the term “green chemistry” in 1991 when he was a staff chemist with the United States Environmental Protection Agency, recently spoke to the research journal *Nature* about the origins of the phrase.

“People ask me how I came up with this name ‘green chemistry’... and they think I'm joking when I say, well, green is the colour of nature, but in the United States, green is also the colour of our money. It's always been about how you meet your environmental and economic goals simultaneously.”





THINKSTOCK





WILL LEW

TOMISLAV FRIŠČIĆ

## NEW APPROACHES TO MEDICINE AND MINING

Friščić's work embraces both environmental stewardship and cost efficiency.

In industrial chemistry, the large quantities of solvents used pose potential threats to health and the environment, and their responsible management is expensive. Friščić uses mechanochemistry (the use of mechanical force to bring about chemical reactions) in new ways that reduce or eliminate the need for solvents in many important chemical reactions.

Almost all products and industrial processes require a chemical reaction of some sort. But all that manufacturing creates an enormous amount of waste. In the pharmaceutical industry, for example, for every one kilogram of valuable product that's produced, an average of 25 kilograms to 100 kilograms of waste is created. And that waste is often toxic.

In several of his studies, Friščić has demonstrated how mechanochemistry can be applied to synthesize pharmaceutical compounds in cheaper and more energy-efficient ways that involve far less waste. He used ball milling — where steel balls are shaken with reactants and catalysts in a rapidly moving jar to drive chemical reactions — to synthesize three existing anti-diabetic drugs (tolbutamide, chlorpropamide and glibenclamide) without solvents.

He recently applied his approach to a more familiar pharmaceutical product, the popular stomach remedy Pepto-Bismol. Friščić converted bismuth oxide into Pepto-Bismol's active ingredient, bismuth subsalicylate, by loading the components into a mixing vessel with some metal or ceramic balls. His technique for synthesizing the drug required less energy, no solvents and produced no wasteful by-products.

"We've shown you can make drugs by milling, which hasn't been done before. You can make the drugs solvent-free and shorten the steps in the synthesis sequence. Pharmaceutical companies are very interested in our techniques. They want to manufacture drugs more cleanly and cheaply," says the Croatian-born Friščić, who arrived at McGill from the University of Cambridge in 2011.

Extracting useful metals from mineral ores taken from mines usually relies on methods that involve mixing the minerals with massive amounts of volatile solvents at high temperatures. Friščić has pioneered a new technique called accelerated aging that uses high humidity and very mild temperature increases (up to 45 degrees Celsius) for the solvent-free chemical separation of mineral ores into base metals, such as copper, zinc and lead. The accelerated aging technique also holds potential as a solvent-free chemical separation process for such precious and rare metals as gold, silver and tellurium (used widely for hi-tech devices).

If Friščić is a rising star in green chemistry circles, Robin Rogers is one of the field's leading lights.

Rogers arrived at the University last fall as McGill's new Canada Excellence Research Chair (CERC) in Green Chemistry and Green Chemicals. Created by the federal government, the CERC program is designed to attract world-class researchers to Canadian universities. As a CERC, Rogers will receive \$10 million over seven years in federal research funding and more than \$1.2-million for research infrastructure support through the Canada Foundation for Innovation.



WILL LEW

ROBIN ROGERS





WILL LEW

## SHRIMP SHELLS TO THE RESCUE

In his own work, Rogers discovered a way to use ionic liquids to extract chitin — the most abundant polymer in the marine environment — from shrimp shells that would otherwise be thrown away by seafood businesses. He and his colleagues received a \$1.5-million award from the U.S. Department of Energy and started a company, called 525 Solutions, that has developed transparent mats, composed of tiny chitin fibres, to potentially mine uranium from the ocean for use as a nuclear fuel source.

In an interview a few years ago, Rogers explained why the use of these mats might prove to be transformative. “Once you put this material in the ocean, it will attract uranium like a magnet, and the uranium will stick to it. Mining uranium from land is a very dirty, energy-intensive process, with a lot of hazardous waste produced. Imagine the positive environmental potential of reducing or eliminating the need to mine uranium on land, simply by recovering it from the ocean.”

The biorefinery concept is central to Rogers’ vision of how he and his green chemistry colleagues at McGill can transform Canada’s wealth of renewable resources into viable products for commercial use. He envisions using ionic liquids to cleanly extract, separate and process the three major components of wood — cellulose, hemicellulose and lignin — and convert them into new products such as renewable plastics and advanced composite materials.

The research support was a powerful inducement, but Rogers says there were other reasons why he decided to move here after spending almost 20 years at the University of Alabama, where he was director of its Center for Green Manufacturing. “I’m excited about working with some of the best green chemistry researchers in the world here at McGill,” he says.

Rogers has had considerable success in translating fundamental discoveries in green chemistry into commercial applications. He and his colleagues discovered a new way to dissolve, regenerate and process cellulose — the world’s most abundant biorenewable material and a major component of wood — using ionic liquids (liquid salts) to develop environmentally-friendly textiles and plastics. Unlike traditional solvents, ionic liquids tend to be non-toxic, non-flammable and they don’t evaporate, thus significantly reducing potentially harmful emissions.

Rogers received the 2005 U.S. Environmental Protection Agency’s Presidential Green Chemistry Challenge Award in recognition of this new technique. The technology was later licensed to BASF, the world’s largest chemical company, where the process is being commercialized to manufacture products like rayon in a more economical and environmentally-friendly way.

“Robin is going to be a game changer,” says associate professor of chemistry Audrey Moores, a Canada Research Chair in Green Chemistry. “Apart from his impressive research program, he has a lot of knowledge of industry and brings the commercialization expertise. We have strong scientific knowledge in green chemistry [here] and he can provide valuable leadership and direction to help apply this research in the real world.”

Rogers is eager to do just that. “McGill has unparalleled expertise in new, green manufacturing technologies. If we can find the right companies to work with, we have the potential to make a major contribution.”



WILL LEW



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“Green chemistry helps to answer some of the **big questions around energy** and using it efficiently, about how to develop renewable materials, and how to respect the environment.”

Similarly, Canada's fishery industry and marine resources provide opportunities to use chitin extracted from shrimps, crabs and other crustaceans as the basis for medical products such as bandages, sutures and biocompatible supports for bone growth. Rogers believes that chitin is versatile enough to be used in dozens of ways — in everything from cosmetics to agrochemicals. In fact, he wouldn't be surprised if the shells that supply chitin eventually become more valuable than the shrimp or crab meat they contain.

### CHALLENGING ASSUMPTIONS

One of Rogers's new colleagues at McGill, C-J Li, can be described as a green chemistry pioneer in his own right. Li's work is frequently referenced by other scientists. According to Thomson Reuters, Li was one of the four most highly cited Canadian research scientists working in chemistry last year.

Li made a pivotal contribution by proving that water could be used to facilitate chemical reactions. Traditionally, chemists didn't consider water as a viable solvent for organic reactions because organic molecules typically don't dissolve in water. Water was also thought to be problematic for chemical reactions involving organic compounds and metals, because the metals were believed to be too sensitive to the presence of water.

Li and his McGill mentor, emeritus professor of chemistry Bill Chan, challenged that thinking, testing dozens of metals and discovering that some — such as indium, zinc and tin — could work very well as reagents (substances that cause chemical reactions when combined with other substances) in water. Indium worked particularly well. “The reactions were faster [and] more efficient.”

In addition to being more environmentally benign, reactions in water can offer better results by speeding up reaction times and saving steps in the synthesis sequence, says Li. “Water is natural, non-toxic, cheap and readily available. Using water as a solvent greatly reduces toxic waste products and it makes chemical manufacturing processes far more efficient, which is very interesting to industry because it also lowers costs.”

Thanks to the work of Li and other green chemists, organic reactions in water now have many industrial applications. The paint industry, for instance, is now dominated by water-based paints. Water-based chemistry also plays an increasingly important role in the pharmaceutical industry. Pfizer, for instance, has adopted water-based chemistry for every step in the synthesis of Lyrica, its blockbuster drug for neuropathic pain.

### HEALTHIER HYDROGENATION

Audrey Moores is also focused on creating cleaner, more efficient chemical processes. In collaboration with Li and researchers in Japan, Moores uncovered a method for making the widely used chemical process of hydrogenation more environmentally friendly and less expensive.

Hydrogenation is used in many industrial applications from making food products (such as margarine) to petrochemicals and pharmaceuticals. But there are significant problems associated with the standard approaches to hydrogenation — including its reliance on toxic and expensive heavy metal catalysts such as palladium and platinum.

Moores and her colleagues developed new techniques that use magnetic iron-based nanoparticles as catalysts. Iron, which is both naturally abundant and far less toxic than either platinum or palladium, works just as efficiently as a catalyst. Moores has also recently shown that hollow iron oxide nanoparticles can be an effective, efficient and recyclable catalyst for the synthesis of almond aroma (known as benzaldehyde), the second most widely used food flavouring agent.

Gold nanoparticles are used in electronics, healthcare products and cancer-combating pharmaceuticals. The process to make the nanoparticles, however, requires the use of dangerous and toxic chemicals. Moores recently collaborated with Tomislav Friščić to develop an alternate approach that uses mechanochemical milling to rapidly synthesize gold nanoparticles without the use of any solvent.

Moores is enthusiastic about the future of green chemistry. She gets a glimpse of that future every time she teaches.

“There is a lot of excitement about green chemistry among students. Green chemistry helps to answer some of the big questions around energy and using it efficiently, about how to develop renewable materials, and how to respect the environment. Students really want to make a difference in these areas.”

For a public that has become increasingly suspicious of chemical processes in general, Friščić believes green chemistry “can transform how chemistry is perceived by society.”

That is also the hope held by Paul Anastas, the man regarded as green chemistry's founding father. In his interview with *Nature*, Anastas said, “I believe that the ultimate goal for green chemistry is for the term to go away, because it is simply the way chemistry is always done.”

*Mark Witten is an award-winning writer who focuses on medical science and engineering. His work has appeared in Canadian Living, Reader's Digest, Toronto Life and The Walrus.*



# AN EXTRAORDINARY MR. ORDINARY

The CEO of Caesars Interactive Entertainment (CIE) is currently between private jets. **MITCH GARBER**, BA'86, heads CIE, one of the world's largest online gaming companies, and he recently sold his old Learjet 60. He has been renting a plane so he can make his twice-monthly commute from Montreal to Las Vegas.

Garber's positions with the Caesars gambling empire — he's also CEO of the Caesars Acquisition Company — has him overseeing legendary hotel-casinos like Bally's, as well as events like the World Series of Poker. But while his business success is indisputable, the secret to that success is more complicated. According to Garber, everything he's accomplished, he's accomplished without being really great at anything.

This isn't him being especially self-deprecating, by the way. In fact, Garber, outspoken and unfailingly confident (he caused a stir on the TV show *Tout le monde en parle* by questioning Parti Québécois leader Pierre Karl Peladeau's business skills), sounds a lot like he's boasting when he points out what an unspectacular student he was.

"I recently looked up my CEGEP transcript — my son asked about my marks — and it was average. I probably just slid into university."

After McGill, Garber earned a law degree from the University of Ottawa and worked full-time as a lawyer while pursuing a part-time career as a sports broadcaster. He did well in both, but acknowledges he didn't stand out in either.

Since the early 2000s, Garber has worked for or run a series of e-commerce and online gaming companies, culminating in 2009 with CIE, which he built, from "almost nothing," into a \$2 billion business. Despite all this, Garber's assessment of himself as a businessman is, again, measured.

"There's a lot to be said for putting yourself in a position of doing everything you can. It's true, I don't think I'm great at anything, but if you're good at a lot of things and work really hard, great things happen."

➤ **Mitch Garber is the new chair of the board of directors for the Cirque du Soleil.**



IVANCI DEMERS/LA PRESSE

That includes being the newest "dragon" on *Dans l'oeil du dragon*, Quebec's French-language version of the CBC hit *Dragon's Den*. Part game-show, part reality-TV series, *Dans l'oeil du dragon* assembles a panel of successful business people to judge and sometimes invest in the pitches of aspiring entrepreneurs.

The potential of the show to educate young people — his two teenage sons are fans — appealed to Garber. "It has frustrated me for many years that kids don't learn anything about money. In school, we teach them about volcanoes and earthquakes, but not how to write a cheque or do their taxes."

*Dans l'oeil du dragon* also matched up well with his commitment to investing in Montreal. When Garber was hired by Caesars, he had enough leverage — not to mention a private jet — to do the job from anywhere in the world. He chose the city he loves.

"I came back to Montreal voluntarily. I was living in beautifully tax advantageous jurisdictions like Israel and the U.K. Here, I pay millions in taxes every year and do it willingly."

Garber's loyalty to Montreal might help soothe the jittery nerves of Quebecers who were rattled by the recent sale of their beloved Cirque du Soleil to foreign investors. Garber will be the new chair of the Cirque's board of directors.

For Montreal's sake, he also seems willing to take on another significant challenge — bringing back major league baseball. A recent *La Presse* story identified Garber as part of a small group of local business leaders (also including Dollarama CEO Larry Rossy, BA'65) interested in reviving the Expos franchise.

On the subject of the Expos, the usually loquacious Garber chooses his words carefully. "Let's just say: There's a group of Montrealers who have been financially fortunate, who love baseball and who, if the opportunity of a franchise presented itself, would, I believe, want to participate." 🐉

JOEL YANOFKY, BA'77, MA'81



AT THE  
AN  
EXTRAORDINARY  
MR. ORDINARY



RON LEVINE



# BÂTISSEUR D'IMAGE

Par Jean-Benoît Nadeau (B. A. 1992)

Son grand-père fut pianiste de jazz au tournant des années 1900. Son père s'adonnait à la peinture dans ses temps libres. Il n'est donc pas étonnant que Bertrand Cesvet, pourtant formé en économie et en gestion à McGill, ait rejoint il y a près de 20 ans la boîte de publicité qui a depuis contribué à mettre Montréal sur l'échiquier mondial de la créativité.

C'était David contre Goliath. Venu présenter son projet de campagne au siège social d'Adidas, en 2008, Bertrand Cesvet (B.A. spécialisé 1986, MBA 1988) tombe nez à nez sur son concurrent : le légendaire Lee Clow, l'un des plus grands publicitaires du 20<sup>e</sup> siècle, directeur mondial des arts médiatiques à l'agence de publicité TBWA, l'une des plus grosses agences au monde avec ses 11 000 employés. Quelques heures plus tard, ce sera pourtant la petite boîte montréalaise, Sid Lee, qui décrochera le contrat!

Sid Lee, c'est maintenant l'image de marque d'Absolut Vodka, de Facebook, du Club Med, du Cirque du Soleil, de Vidéotron – entre autres. « À huit heures ce matin, je parlais vodka. Ce midi, c'était les jets privés. Ce soir, ce sera l'assurance », indique Bertrand Cesvet, président exécutif du conseil et associé principal. En plus d'avoir remporté quatre fois le prix de la meilleure agence canadienne décerné par *Marketing Magazine*, Sid Lee est désormais bien ancrée parmi les boîtes de calibre mondial, ayant été sacrée quatrième meilleure agence au monde par la revue *Forbes* en 2011.

« Calibre mondial » est l'une des expressions fétiches de Bertrand Cesvet. Cela remonte à ses années d'études à McGill, alors qu'il faisait un baccalauréat spécialisé en économie. « C'étaient des années de rattrapage, la maîtrise de l'anglais était un défi. J'ai appris à m'exprimer, à bien écrire », souligne Bertrand Cesvet, dont l'anglais est désormais presque sans accent et qui a remporté, en 2012, le Prix d'excellence de la Faculté de gestion Desautels. L'une des raisons qui l'ont poussé à persévérer, puis à obtenir son MBA à McGill, était l'impression tenace d'appartenir à une institution de calibre mondial, avec des étudiants et des professeurs francophones et anglophones venus de partout dans le monde. (En plus, bien sûr, d'y faire la connaissance d'une étudiante en droit, Josée Noiseux, B.C.L. 1989, qu'il a épousée il y a plus de 25 ans.)



« La “montréalité”, être québécois montréalais, anglophone ou francophone, **c’est un avantage concurrentiel incroyable** pour comprendre l’univers. »

« Créativité » est l’autre mot qui revient dans les propos de Bertrand Cesvet toutes les 10 minutes. Le plus drôle, c’est qu’il a failli ne jamais être un « créatif ». Son père, immigrant franco-haïtien, était ingénieur et architecte et s’adonnait à la peinture dans ses temps libres. « C’était un artiste extraordinaire, mais pour lui, c’était un passe-temps et surtout pas une façon de gagner sa vie », raconte Bertrand Cesvet, qui se lancera sur le marché du travail en 1988, d’abord en vendant des colorants capillaires pour L’Oréal.

Ce sont les fondateurs de Sid Lee, Jean-François Bouchard et Philippe Meunier, qui persuaderont Bertrand Cesvet qu’il est fait d’une autre étoffe. Ils se sont connus en 1994 à la faveur d’un contrat. Bertrand Cesvet est alors directeur du marketing chez Industries Lassonde (les jus Oasis) et embauche le duo Bouchard-Meunier, qui venait de lancer une petite boîte de pub. « Nous sommes restés proches. Chaque fois qu’on se voyait, Jean-François et Philippe me disaient : “Toi, tu ne le sais pas, mais t’es très créatif et t’es un entrepreneur” ».

En 1997, Bertrand Cesvet décide de faire le saut comme troisième associé. « Au départ, on s’attendait à ce que son MBA nous serve en stratégie et en gestion », raconte Jean-François Bouchard, PDG de Sid Lee. Comme toujours chez Sid Lee, les choses se sont passées autrement. « Bertrand s’est révélé à la fois stratège et créateur, et c’est moi qui avais la tête à l’exploitation. »

### QUI EST SID LEE ?

C’est le titre d’un grand bouquin blanc de 150 pages figurant sur un lutrin devant un fauteuil blanc au milieu de la Salle verte, au siège social de Sid Lee, dans le Quartier de l’innovation de Montréal. On y apprend que Sid Lee est l’anagramme de Diesel, l’ancien nom de la boîte jusqu’en 2005, alors qu’elle faisait ses premiers pas à l’étranger et que tout le monde la confondait avec le fabricant de jeans Diesel. Ce grand bouquin est la démonstration éloquentes que Sid Lee s’ingénie, depuis toujours, à ne rien faire comme les autres : il n’existe qu’un seul exemplaire de ce livre, ce qui n’est pas le moindre des paradoxes pour une agence de pub!

Ce livre n’est pas la seule excentricité de Sid Lee. Aucune agence avant elle n’avait intégré la pub classique ET le Web, le design 2D et 3D, la production télé et même l’architecture. Dès 2005, c’est Sid Lee qui, en plus de créer les fameuses pastilles de goût de la SAQ, redessinera les magasins de la société d’État. C’est d’ailleurs cette spécialité en design architectural qui lui ouvrira la porte d’Adidas.

Difficile d’ailleurs de résumer Sid Lee, qui a développé son propre jargon pour parler d’elle-même (ses bureaux, par exemple, sont des « ateliers »). Un bon résumé de la philosophie de la communication de Sid Lee se trouve dans *Le Capital conversationnel*, publié par Bertrand Cesvet et deux autres associés en 2009 et vendu à 20 000 exemplaires. Ce livre explique comment amorcer et entretenir un « bouche-à-oreille durable », un outil publicitaire plus puissant que bien des campagnes de publicité de masse, et pas nécessairement plus coûteux.

Une autre contribution de Bertrand Cesvet aura été de viser très tôt le marché international. « Si un client à Londres ou à Tokyo invitait Bertrand à déjeuner, il sautait dans l’avion et allait déjeuner avec lui. Cette volonté d’abolir les distances a beaucoup contribué à notre succès international », affirme Jean-François Bouchard. On n’avait jamais vu une agence de pub canadienne ouvrir des bureaux à Amsterdam, à Paris et à New York avant Toronto. « Beaucoup ont essayé d’entrer aux États-Unis, mais il est plus facile d’y arriver quand tu es l’agence de référence d’Adidas ou d’Absolut », souligne Bertrand Cesvet.

### LE « DAVOS DE LA CRÉATION »

Depuis 2011, les associés de Sid Lee se sont donné une mission : vendre Montréal comme centre de créativité à l’échelle internationale. « L’idée découle d’une conversation que nous avons eue avec Daniel Lamarre, du Cirque du Soleil, indique Jean-François Bouchard. On cherchait comment mettre en valeur l’innovation et la création montréalaises. »



↑ À titre d’associé principal chez Sid Lee, Bertrand Cesvet a supervisé la création de bureaux de l’agence à Amsterdam (voir photo), à Paris, à Toronto, à Calgary et à New York.



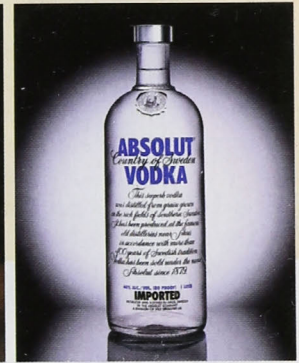


CZ MONTREAL

- ← Avec ses collègues de l'agence Sid Lee, Bertrand Cesvet a joué un rôle déterminant dans la création de C2 Montréal, une conférence d'affaires axée sur la culture et la créativité qui a lieu tous les ans à Montréal.
- ↳ Bertrand Cesvet en conversation avec l'entrepreneur Sir Richard Branson au C2 Montréal.
- ↳ Au cours de sa carrière chez Sid Lee, Bertrand Cesvet a mis son talent au service de certaines des marques les plus connues au monde, dont le Cirque du Soleil et Absolut Vodka.



EVA BLUE



En 2012, ils lancent un congrès d'un genre inédit, alliant conférences et prestations artistiques, appelé C2-MTL, abréviation de « Commerce et créativité Montréal ». Véritable happening ciblant les dirigeants d'entreprises, l'événement attirera notamment comme conférenciers Richard Branson (fondateur de Virgin), Ariana Huffington, et les cinéastes Francis Ford Coppola et James Cameron. Leur ambition : faire de C2-MTL le Davos de la créativité, au même titre que le Festival international de la créativité-Lions Cannes, le festival texan South by Southwest, ou le festival Burning Man au Nevada.

Car Bertrand Cesvet en est convaincu, « Montréal a tout ce qu'il faut pour être un pôle de créativité de calibre mondial. Montréal, c'est francophone, c'est anglophone, c'est une ville créative. À Los Angeles, New York ou dans Silicon Valley, la marque de Montréal est exceptionnelle. Nous sommes mieux placés que nous le pensons. Il y a Shanghai, New York, ou Londres. Mais sur le palier suivant, il y a Barcelone, Berlin, Amsterdam, et Montréal a toujours cadré là-dedans. Et nous sommes en mesure d'accélérer ça ».

Bertrand Cesvet est intarissable lorsqu'il aborde le sujet : « Le Québec fait bonne figure dans le contexte de l'économie mondialisée avec des Guy Laliberté et autres Mitch Garber. Il nous en faudrait encore un ou deux comme ça. Je suis sûr qu'ils sont ici, dans le quartier. Il suffit de cultiver le jardin ». Parce que le terreau est fertile, selon lui.

« La "montréalité", être québécois montréalais, anglophone ou francophone, c'est un avantage concurrentiel incroyable pour comprendre l'univers. Pour nous, c'est une évidence, affirme Bertrand Cesvet, qui note que la majorité de ses employés pensent ainsi. « Mais notre attitude est loin d'être majoritaire au Québec. Je dirais que le plus gros défaut de Montréal, c'est finalement le manque de confiance en soi. Chez les Québécois, il y a une attitude de repli identitaire, ou à l'inverse, une crainte de l'assimilation. »

Et il estime que les politiciens et les médias y contribuent. « L'esprit est défensif. Je suis un maniaque de sport et pour gagner au jeu, il faut jouer défensif et offensif. Au Québec, nous sommes bons en défensive, mais je ne vois pas l'offensive. Où sont les grandes idées? Comment va-t-on compter des buts? C'est ça, la vraie question pour Montréal et pour le Québec. »

*Collaborateur au magazine L'actualité et chroniqueur au Devoir, Jean-Benoît Nadeau est l'auteur des Accents Circomplexes et La grande aventure de la langue française.*





## THE MAD MEN OF MONTREAL

It was a classic David and Goliath moment. Bertrand Cesvet, BA'86, MBA'88, was visiting Adidas headquarters in 2008, there to court the multi-billion-dollar sportswear company on behalf of Sid Lee, a small Montreal ad agency. When he spotted who he was competing against, Cesvet realized that he had definitely entered the big leagues of international advertising.

He found himself face-to-face with Lee Clow, one of the great advertising executives of the 20th century, and the global director of media arts at TBWA\Worldwide, one of the world's largest agencies. A few hours later, Cesvet and Sid Lee had won the account.

Today, Sid Lee is renowned for its imaginative work for Absolut Vodka, Facebook, Club Med, Cirque du Soleil and other top brands. "At eight o'clock this morning, I was talking vodka. At lunchtime, it was private jets. Tonight, it will be insurance," says Cesvet, Sid Lee's executive chair and head strategist.

Sid Lee certainly couldn't be described as an underdog in the advertising world these days. *Marketing* magazine named Sid Lee its Canadian Agency of the Year in 2009, 2010, 2011 and 2013 and the firm was ranked as the fourth best performing ad agency in the world by *Forbes* in 2011.

✍ Bertrand Cesvet is the executive chair and head strategist for Sid Lee, a Montreal-based ad agency with an international reach.

Cesvet receives much of the credit for Sid Lee's international prominence. "If a client in London or Tokyo invited Bertrand to lunch, he would jump on a plane and go have lunch with the client. That desire to downplay distances has played a huge role in our international success," says Sid Lee co-founder Jean-François Bouchard.

Cesvet credits Bouchard and fellow Sid Lee co-founder Philippe Meunier with spotting his own creative spark. He met the pair while he was working as the director of marketing for Industries Lassonde (the company that makes Oasis juices). "Every time we saw each other, Jean-François and Philippe would tell me, 'Whether you realize it or not, you're really creative and you're an entrepreneur at heart.'" In 1997, Cesvet signed on as the agency's third partner.

Much of Sid Lee's success revolves around its unconventional approach to advertising. The agency isn't satisfied with just producing eye-catching TV spots or bus shelter posters. It looks for unique ways to nurture the connections between brands and their customers. For instance, in 2005, Sid Lee began sprucing up Quebec's SAQ network of liquor stores and introduced the popular "taste tags" that describe the wines sold there ("aromatic and supple," "fruity and vibrant," etc.).

The importance of eschewing the routine is deeply ingrained in the ad agency. "[Sid Lee's] partners came up with a term to describe their management style: *adhocratique*, from 'ad hoc,'" says Jacqueline Cardinal, an expert on business leaders at HEC Montréal.

As far as Cesvet is concerned, Sid Lee's success is reflective of the unique sensibilities of the city that anchors it. "Montreal has everything it takes to be a world-class hub of creativity," he insists. "We've built everything around that sense of idealism. We don't feel threatened at all by globalization — quite the opposite, in fact."

With that thought in mind, Cesvet, his Sid Lee partners and Cirque du Soleil CEO Daniel Lamarre launched a unique new business conference in 2012 called C2 Montréal, an abbreviation for "Commerce and Creativity Montreal." In past years, C2 Montréal has attracted mega-entrepreneur Richard Branson, filmmakers Francis Ford Coppola and James Cameron and microcredit pioneer Muhammad Yunus. High-profile participants in the 2015 edition included Alec Baldwin and Chelsea Clinton.

The hope is that C2 Montréal will wield the same sort of cultural cachet and influence as the Cannes Lions International Festival of Creativity or South-by-Southwest in Texas.

"In Los Angeles, New York or Silicon Valley, Montreal has an exceptional brand," says Cesvet. "We're better placed than we think we are." 🐦

BY JEAN-BENOÎT NADEAU, BA'92  
TRANSLATED BY KATHE LIEBER, BA'71



# BEHIND THE SCENES AT JEOPARDY!

There's only one way to begin a profile about the head writer of *Jeopardy!*

Clue: The career of this McGill alumnus spans 25 years at a legendary television quiz show.

Answer: Who is **BILLY WISSE**, BA'84, MA'94.

Wisse has served as head writer of *Jeopardy!* since 2011, and is quick to acknowledge that his path to the hugely popular show (it averages 25 million viewers a week) was unplanned and unlikely.

"I was born and raised in Montreal," says Wisse. "My mother [Jewish studies scholar Ruth Wisse] taught at McGill for 25 years. My father went there. It was kind of a family institution for us."

With such strong McGill roots, Wisse entertained the notion of pursuing an academic career, but that idea faded in favour of another plan. Once he completed his BA and the course work for his MA, he headed for Los Angeles to become a screenwriter. There was only one snag. (Answer: What is no knowledge of the craft or business of screenwriting?)

Wisse worked at an assortment of temporary jobs until he spotted an ad in *Variety* magazine seeking a researcher for a game show. Not knowing what the show was, Wisse applied, got the job and began working at *Jeopardy!* in 1990. He started as a researcher, fact-checking clues and verifying the answers. In 1996, Wisse became a writer and gradually took on more responsibilities.

A team of eight writers generates the 3,000 categories and associated clues a year needed for the show. A category like 'Potent Potables', for example, comprises seven clues. Two of the clues are either rejected or reserved as backups, the rest go on the board.

Wisse's job is to review the material from his team and assemble the various categories into what we actually see on television as the *Jeopardy!* round and the Double *Jeopardy!* round. A good game covers a wide variety of subjects which are balanced in difficulty.

➤ Billy Wisse has won eight Daytime Emmy Awards as a member of the writing team for *Jeopardy!*



MATT HARBRIGHT

Wisse has a soft spot for esoteric categories like "Chairs" — within reason.

"I wouldn't want a whole board of 'Chairs' and 'Shelving' and the 'Holy Roman Empire'," he says. "But one category on chairs is good medicine for everybody."

Show tapings take place year-round at studios in Culver City, west of Los Angeles, at a rate of five per day with a break from April to July. Most tapings go smoothly and Wisse reports no fist fights or melees over particularly cryptic clues or aggressive buzzer techniques.

"We've had a couple of contestants faint because they were dieting too hard to look good on TV or were stressed out," he says.

Then there's that other Canadian on the show. (Answer: Who is host Alex Trebek?)

"Alex and I are probably the only two people on the show who are familiar with Stompin' Tom Connors and Weetabix, so that's a little bit of a bond," says Wisse.

If pressed, Wisse will confess to some of his favourite clues during his long tenure with the show, like the one that is often held up as a model for other writers because it's funny, interesting and tells you something you didn't know.

"The clue is, 'one of the jobs of a Deshi in Japan is to wash the places on these athletes that they can't reach themselves'," says Wisse. (Answer: What are Sumo wrestlers?)

Although Wisse is now a true Angeleno, married with two young children and a home in L.A., he says he still misses Montreal and McGill. As proof he reveals his son's middle name, which just happens to be the name of a major thoroughfare outside the Roddick Gates. (Answer: What is Sherbrooke?) 🐦

ANDREW MAHON



# A FRESH LOOK AT A CANADIAN ICON



Emily Carr may be one of Canada's most beloved artists, but her evocative depictions of British Columbia's landscape and indigenous people were virtually unknown beyond the country's borders. That is, until recently, when an exhibition at the Dulwich Picture Gallery in London, England, introduced more than 100 of her works to a new — and rapturous — audience.

In its review of *From the Forest to the Sea: Emily Carr in British Columbia*, London's *The Observer* described Carr as "Canada's very own Van Gogh." Urging readers to see the exhibit, *The Telegraph* declared, "Believe me, you'll never ask who Emily Carr is again."

Mounting the exhibition was a labour of love for its Toronto-based co-curator **SARAH MILROY**, BA'69. "Given my identity as a proud British Columbian, I was eager to put Carr's best foot forward, and make the most of this unique opportunity for her," she wrote in *The Globe and Mail*, where she once worked as the paper's art critic.

This challenge had an added dimension, given that the show would be seen by two very different audiences; following its four-month sojourn in London, it travelled to the Art Gallery of Ontario in Toronto, where it is on view until August 9, 2015.

"In England, Carr was an unknown entity, whereas in Canada she is a national treasure. So, the question was how to introduce her in one country and show her in a new and interesting way

in another — by highlighting her diligence, her perseverance, her empathy and how these qualities are embedded in her work," says Milroy, who spent the past three years putting together the exhibition with co-curator Ian Dejardin, director of the Dulwich Gallery. Milroy and Dejardin also collaborated on a lavishly illustrated new book that accompanies the exhibition.

The curators decided to organize the show poetically, rather than chronologically, by showing different aspects of Carr's personality and conveying a sense of her inner life — as expressed by the lush forest interiors of the central British Columbia coast, and then by the open, light-filled seascapes she painted near her Victoria home.

In a bold move aimed at delineating Carr's oeuvre from the First Nations cultures, Milroy and Dejardin decided to show her works in dialogue with dozens of indigenous artifacts from the Pacific Northwest that were carefully selected with the help of James Hart, a Haida hereditary chief and master carver.

"We were initially concerned that these objects would be perceived as an adornment for Carr's paintings and drawings," says Milroy. "But these artifacts illuminate Carr's connection to indigenous cultures and allow viewers to appreciate the attachment to landscape from both European and First Nations perspectives."

Carr was impoverished for much of her adult life and she abandoned painting for almost 15 years, keeping herself financially afloat by running a boarding house and breeding sheep dogs. A big breakthrough came in 1927, when she was 56. The National Gallery of Canada included some of her works in an exhibition, *Canadian West Coast Art: Native and Modern*. The exhibition drew her into the orbit of Lawren Harris, a driving force in the Group of Seven, who encouraged her to resume landscape painting.

Desperately short of funds, she resorted to using gasoline-thinned oil paint applied to manila paper for many of her later works. In these works, we see Carr release her creative energies, boldly describing her surroundings with loose, fluid brush strokes that seem to dance across the paper.

While previous exhibitions have focused on Carr's often dark and heavy oil-on-canvas paintings, Milroy wanted this show to draw attention to her works on paper, where the artist tended to give full rein to her sensuous vision. "Carr's mood swings were as wide and dramatic as those of the British Columbia landscapes she depicted, and we wanted to offer audiences that full rollercoaster ride." 🐾

LINDA SUTHERLAND

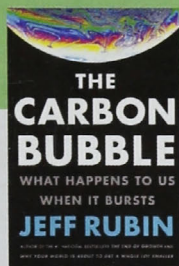


- ↑ Sarah Milroy is the co-curator of a major new exhibition about Emily Carr.
- *Yan, Q.C.I.*, painted by Carr in 1982, reflects her deep connection to First Nations culture and art.



## THE CARBON BUBBLE

by Jeff Rubin, MA'82



Back in early 2014, when most of us were still grumbling about high gas prices, a prescient Jeff Rubin was forecasting a future plunge in oil prices and its deleterious impact on Canada's economy.

Turns out, he was right.

A former chief economist at CIBC World Markets, Rubin contends that Canada's energy-based economic strategy is a failure, stalling Canada's manufacturing sector and leaving the country's dollar in free fall. To explain why, Rubin weaves together a story of Canada's oil sands, climate change, pipelines, fracking and even Warren Buffett's vested interest in oil tanker rail cars (he owns a lot of them).

It's a brisk, engaging narrative replete with numerous pop culture references (*The Walking Dead*, Tim Horton's, *The Lord of the Rings*, *The Big Lebowski* — to name a few). At the epicentre of Rubin's scathing critique stands Stephen Harper and his vision of Canada as an energy superpower. Each time the name "Harper" is cited, it comes with an implicit intonation reminiscent of Jerry Seinfeld uttering the name of his nemesis: Newman.

Looking ahead, Rubin offers some sobering insight. His advice is a little dystopian (invest in water infrastructure, food and agriculture) but, then, no one ever said that being prescient was fun.

ANDREW MAHON

## TWO DAYS IN JUNE

by Andrew Cohen, BA'77



As Andrew Cohen himself asks in his introduction to *Two Days in June*: Do we really need another book about John F. Kennedy? The answer turns out to be a resounding yes, given this highly readable tale of two days that defined the U.S. president.

Drawing from newly uncovered materials, Cohen pulls back the curtain to take us behind the scenes of the presidency, focusing on two landmark speeches given by Kennedy in June 1963.

The June 10 speech, "A Strategy of Peace," tried to dial down the nuclear arms race from its Cold War heights. The Limited Nuclear Test Ban Treaty would be signed months later.

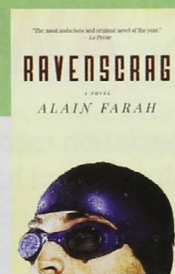
The Civil Rights Address of June 11 focused on the plight of black America during what Kennedy called "a time of profound national unrest." Indeed, on that very same day, Kennedy would go up against Alabama's segregationist governor George Wallace, who attempted to block the University of Alabama's first two African-American students from entering the school.

*Two Days in June* covers a lot of ground. American policy in Vietnam, the Profumo spy scandal in Britain and the murder of a civil rights activist only hours after Kennedy's June 11 speech, all factor into a story that Cohen relays with novelistic pacing.

ANDREW MULLINS

## RAVENS CRAG

by Alain Farah



Like his authorial namesake, Alain Farah, the protagonist of Alain Farah's twisty *Ravenscrag*, is a respected writer, a McGill academic (in French language and literature) and a dapper dresser (or so the photos I've seen would suggest). But the fictionalized Farah has a decidedly tenuous grip on reality. He's also a man bent on assassination.

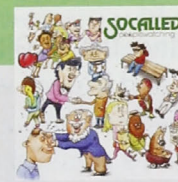
His accomplices include a shady Umberto Eco. His target is the notorious Ewen Cameron, a McGill psychiatrist in the fifties and sixties, whose radical approaches — and their potential application to mind control — piqued the interest of the CIA. Did I mention that Farah was a time traveller?

This is a book that David Lynch, at his *Twin Peaks*iest, could thoroughly admire. A finalist for the Governor General's Literary Award in its original French version (here translated by Lazer Lederhendler), *Ravenscrag* is odd, spooky and, at times, laugh-out-loud funny (no matter how dangerous or weird his predicament, the book's Farah can't stop himself from savouring the fashion choices of the women around him). For all the book's quirks, though, one gets the sense that Farah is decidedly serious about one of his themes — the horrific toll of mental illness.

DANIEL MCCABE, BA'89

## PEOPLEWATCHING

by Socalled



Every CD by Socalled (alias Josh Dolgin, BA'00) feels like a party with an eclectic, one-of-a-kind guest list. Heck, a lot of individual Socalled songs feel that way too.

For instance, the title track to his playful new album manages to involve Montreal indie-country staple Katie Moore, BA'98, seventies-era Québécois disco king Pierre Perpell, Punjabi singer Kamal Chamkila and trombonist Fred Wesley, a key collaborator of soul legend James Brown during the sixties and seventies.

Like the best parties, you're never quite sure who — or what — you'll encounter next on *Peoplewatching*. And, like the best parties (which, in this case, ends with a funky, flute-driven update to Moe Koffman's "Curried Soul," the familiar theme song for CBC Radio's *As It Happens*), you'll exit with a grin, wondering how the time flew by so fast.

DM



# HONOURS & AWARDS

Each spring, the McGill Alumni Association recognizes graduates, students and friends whose commitment and hard work have had a particularly significant impact on alumni life and on the University itself. Here's a glimpse at what went on at the 2015 Honours & Awards Banquet, one of the MAA's most important nights of the year.

PHOTOS BY NICOLAS MORIN



## ↓ LEV STORY

For his exceptional commitment to McGill's students, Lev Bukhman (left) received the Alumni Student Engagement Award from MAA president and co-host Alan Desnoyers, BCom'85.



## Award of Merit

Ian Soutar, BEng'58

## Distinguished Service Award

Bruce Dobby, BSc'76, DDS'81

## E.P. Taylor Award

Joff Elkas, BA'89

Vincent Gagné, BA'88

Wayne McRae, BCom'88

Hagen Mehnert, BA'89

Bruno Pietrobon, BEng'89

Michael Soles, BA'89

## David Johnston Award

Kathleen Ng, BSc'99,

DipManagement'04

## James G. Wright Award

Jennifer Heil, BCom'13

## Honorary Life Membership Award

Cecil Rabinovitch

## Catherine Nance Common President of the Year Award

Philippe Lambert, BA'75

McGill Alumni Association of France

## Charles Peters Branch of the Year Award

McGill Young Alumni

Association of New York

Peter Halprin, BA'06, President

## D. Lorne Gales Award

Science Class of 1965

(Chairs: Allan C. Chartrand, BSc'65 and

David K. Findlay, BSc'65)

## Faculty and Staff Award

Serge Lussier, BSc(Agr)'74

## Alumni Student Engagement Award

Lev Bukhman, BA'93

## Gretta Chambers Student Leadership Awards

Eric Brulé-Champagne, BSc(NutrSc)'15

Sean Finnell, BCom'15

Tara Sullivan, BA'15

Valérie Toupin-Dubé, BSc(AgEnvSc)'15

Salima Visram, BA'15

## ↑ A CALL FOR CHAMPAGNE

Former Macdonald Campus Students' Society Vice-President (Internal) Eric Brulé-Champagne received his Gretta Chambers Student Leadership Award from Sally McDougall, BSc'68, DipEd'69, DLitt'13.



## ↑ SUSTAINABLE SUPPORTER

McGill sustainability officer Kathleen Ng accepts the David Johnston Award from Alan Desnoyers in recognition of her enthusiastic commitment to improved environmental practices at McGill.



## ↓ SALUTING SOUTAR

Ian Soutar, a governor emeritus and a long-time member of McGill's Investment Committee, was rewarded for five decades of exceptional leadership and service to McGill with the Award of Merit, the MAA's highest honour.





### ↑ THREE'S COMPANY

Gretta Chambers Student Leadership Award winners Tara Sullivan (left) and Salima Visram (centre) celebrate the moment with Salima's younger sister, Samara.



### ↑ THE SCIENCE OF STAYING TOGETHER

The Science Class of 1965 was honoured with the D. Lorne Gales Award. The class members, who are planning their 50th reunion later this year, created the Science Class of 1965 Scholarship Fund to help support current students. Seen here are (from left) co-host Cynthia Price, David Findlay, BSc'65, Allan Chartrand, BSc'65, and Dean of Science Martin Grant.



### ↑ THEIR BITE IS WORSE THAN THEIR BARK

Wayne McRae, Bruno Pietrobon, Vincent Gagné, Hagen Mehnert, Joff Elkas and Michael Soles (not pictured) were members of the McGill Redmen squad (some of whom were known as Crazy Dogs) that won the Vanier Cup championship in 1987. Soles' five teammates raised more than \$210,000 through the Seeds of Change crowdfunding platform to create the Michael Soles Football Award. The prize honours Soles, the MVP of the '87 Vanier Cup win, who is now battling amyotrophic lateral sclerosis.

### ↓ A FRIEND INDEED

Cecil Rabinovitch accepted an Honorary Life Membership Award from co-host Cynthia Price, BCom'82. Rabinovitch was honoured for exceptional service to the Alumni Association and the University, particularly through her involvement with Friends of the Library.



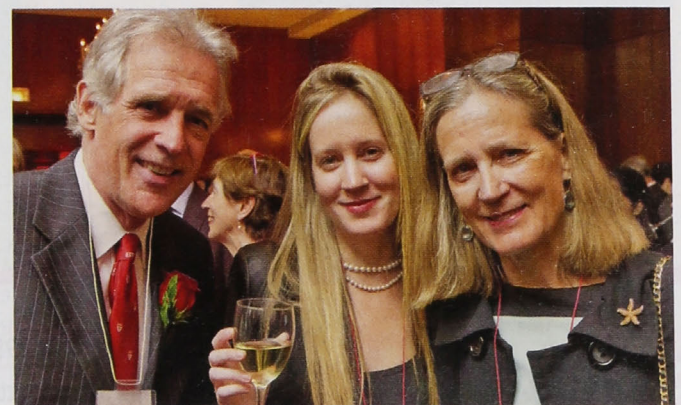
### ↓ FAMILY CIRCLE

Valérie Toupin-Dubé, who played a pivotal role in developing the Macdonald Student Ecological Garden, poses with proud family members after winning the Gretta Chambers Student Leadership Award. Clockwise from top left: Valérie, Annick Toupin, Denyse Toupin and Laurence Toupin-Dubé.



### ↓ DISTINGUISHED DOBBY

Bruce Dobby, a former MAA president and the co-director of the Faculty of Dentistry's Outreach Program, was the winner of the Distinguished Service Award. He is seen here with his daughter, Emily, and wife, Delight.





# OCTOBER 22 '15 25



The McGill Alumni Association invites alumni, students, parents and friends to

## HOMECOMING CELEBRATION WEEKEND & OPEN HOUSE

Celebration Weekend combines Alumni Homecoming with Open House activities. The result is a gathering of the entire McGill family, complete with old traditions and new beginnings.

**Save the date!**

### YOUR SNEAK PEEK AT SPECIAL EVENTS

Sports Hall of Fame Luncheon  
**46th Annual Leacock Luncheon**  
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## AGRICULTURAL & ENVIRONMENTAL SCIENCES

**EBRAHIM NOROOZI**, MSc'78, received McGill's Principal's Award for Administrative and Support Staff in the Technical and Library Assistants category last fall. He is a course coordinator and laboratory manager for the Department of Food Science and Agricultural Chemistry at Macdonald Campus.

**JENNA WHITSON**, BSc(AgEnvSc)'09, is now the community and policy senior associate for the Vermont Council on Rural Development. Jenna previously coordinated education programs at the Green Mountain Club and has a background in outdoor education, environmental law and policy, community development and food security.

## ARCHITECTURE

**BRIAN PALMQUIST**, BArch'74, BSc (Arch)'74, recently published *An Architect's Guide to Construction: Tales from the Trenches*. Brian drew from his more than 35 years of experience as an architect, specialist consultant and, most recently, a quality director for a large construction company, in preparing the guide. The book uses 70 true tales to explore issues in the building construction phase that can confound designers, builders and their clients. The book can be ordered through Amazon.

**VIKRAM BHATT**, MArch'75, is a professor of architecture at McGill and the 2014 winner of the \$50,000 UBC Margolese National Design for Living Prize, awarded annually to a Canadian who has made outstanding contributions to the development of living environments for Canadians of all economic classes. His research has focused on minimum cost housing and urban agriculture.

**ROBERT MELLIN**, MArch'84, was named to the Order of Canada as a new member in December for his contributions to preserving Newfoundland's architectural heritage. An associate professor of architecture at McGill, Robert also received the 2014 Newfoundland and Labrador Lieutenant Governor's Award in Architecture for his work on the Texmo-Storey Residence in St. Phillips, a project involving passive solar

energy, a geothermal heating pump and spectacular views of the nearby ocean from every room in the house.

**LOUISE PELLETIER**, MArch'90, PhD'00, is the director of the School of Design at the Université du Québec à Montréal. Her new novel, *Downfall, The Architecture of Excess*, is set in Montreal, Venice, London and Mexico, and offers a caustic examination of the building industry and the dangerous role that ambition can play.

**ANDREA HESTVIK**, BSc(Arch)'06, MArch'10, was part of a team of architects and engineers who worked with Engineering Ministries International Canada on a project in Haiti to provide facilities for underprivileged children in the country. Andrea worked on a phased master plan for the project and provided designs for the first buildings.

**NICKI RECKZIEGEL**, BSc(Arch)'10, MArch'14, is the winner of the Canada Council's 2014 Prix de Rome in Architecture for Emerging Practitioners. Nicki will use the award to travel to institutions of refuge (crisis centres, safe houses, hospitals) in Central and East Africa and will intern with MASS Design Group, a non-profit organization that has designed healthcare facilities in developing countries around the world. Her master's thesis focused on the Tuol Sleng Museum of Genocidal Crimes in Cambodia, a former Khmer Rouge prison.

## ARTS

**ROBERT W. COX**, BA'46, MA'48, was named to the Order of Canada as a new member in December. A professor emeritus of political science and social and political thought at York University, he has been a widely influential scholar in the fields of political economy and international relations. He was the director of the International Labour Organization's International Institute for Labour Studies between 1965 and 1971.

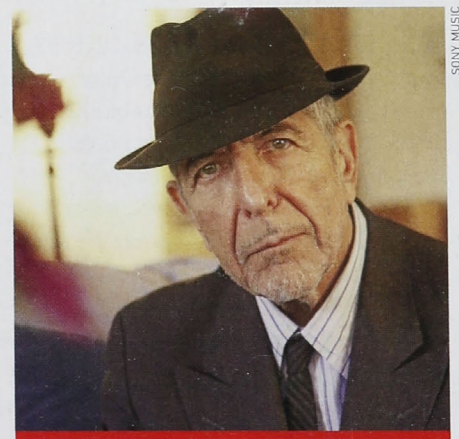
**TILYA GALLAY HELFIELD**, BA'54, MA'55, recently published *Metaphors for Love*, a collection of 20 linked short stories that focus on the lives of her eccentric family members over a period of

decades. Her short stories and essays have appeared in the *The Fiddlehead*, *TV Guide*, *Viewpoints*, *Monday Morning* and *Winner's Circle Anthology*.

**JOAN IVORY**, BA'54, was named to the Order of Canada as a new member in December for "her unwavering commitment to the cultural and educational sectors of Montreal." Joan chaired the Montreal Chest Institute Hospital Foundation for three years and is currently a member of the board of directors for the McGill University Health Centre. She has also served on the boards of the National Ballet of Canada, the Study School Foundation and the Montreal Museum of Fine Arts.

**MARY LOU DICKINSON**, BA'58, recently published her third novel, *Would I Lie to You?* The book explores "family secrets and important issues that are kept quiet under the veneer of polite society." Her fiction has been published in the *University of Windsor Review*, *Descant*, *Waves*, *Grain* and *The Fiddlehead* and has been broadcast on CBC Radio.

**LÉONARD ROSMARIN**, BA'59, MA'60, recently translated composer Alexander Brott's autobiography into French. *Mes Réincarnations en musique* was officially launched before a concert of the McGill



SONY MUSIC

**LEONARD COHEN**, BA'55, DLitt'92, received the 2015 Juno Award for Album of the Year for his CD, *Popular Problems*. He released *Can't Forget: A Souvenir of the Grand Tour* in May, a live album that includes two previously unrecorded songs by the singer-songwriter.



Chamber Orchestra in celebration of the centenary of Brott's birth. Brott taught at McGill for more than 50 years, founded the McGill Chamber Orchestra and served as a longtime concertmaster for the Montreal Symphony Orchestra. Léonard is a professor emeritus of French literature at Brock University.

**MICHAEL MEIGHEN**, BA'60, LLD'12, was named to the Order of Canada in December as a new member. He is McGill's chancellor, a former senator and a lawyer. He was co-counsel to the Deschênes Commission of Inquiry on War Criminals in Canada from 1985 to 1987 and a former chair of both the Stratford Festival and the Atlantic Salmon Federation, a group dedicated to the conservation of Atlantic salmon and its habitat.

**MARTIN RUDNER**, BA'63, MA'65, and his partner Angela Gendron presented a training module on "Intelligence and Statecraft and Multidimensional Security in the Caribbean" at the Diplomatic Academy of the Caribbean, situated at the University of the West Indies in Trinidad and Tobago, last September. Attendees included government officials, diplomatic personnel, and security and law enforcement officers. He is a distinguished research professor emeritus at Carleton University.

**JOHN RALSTON SAUL**, BA'69, DLitt'97, was recently appointed to the Order of Ontario. He is the president of PEN International. His most recent book, *The Comeback: How Aborigines Are Reclaiming Power and Influence*, was a finalist for the Shaughnessy Cohen Prize for Political Writing.

**ELEANOR WACHTEL**, BA'69, was promoted to the rank of officer in the Order of Canada. The longtime host of CBC Radio's *Writers & Company* was cited for "connecting Canadian readers with the worldwide literary community and for her insightful contributions to our appreciation of contemporary literature."

**SHERRILL GRACE**, MA'70, PhD'74, recently published *Landscapes of War and Memory* (University of Alberta Press), an examination of the ways in which Canadian writers and artists chronicled the cultural landscapes formed by the country's memories of two world wars. She has taught courses about Canadian literature and culture at the University of British Columbia, where she is a University Killam Professor, for more than 35 years.

**ROGER OUELLETTE**, BA'71, is the new president of the Community Radio Fund of Canada. A professor of political science at the Université de Moncton, he is a past president of Radio Beauséjour CJSE, l'Association des radios communautaires acadiennes du Nouveau-Brunswick, and l'Alliance des radios communautaires du Canada. Roger is a founding director of the CRFC, an independent not-for-profit funding organization that provides support to 178 Canadian campus and community radio stations.

**VICTOR TEBOUL**, MA'71, published *Libérons-nous de la mentalité d'assiégé* (Éditions Accent Grave), a collection of essays that explores the universality of siege mentalities. An episode of Radio-Canada's *Second Regard* recently focused on his work and his journey to Canada following the flight of his family from

Egypt during the 1956 Suez Crisis. He is the founding editor of the online magazine *Tolerance.ca*. For more information, visit [www.victorteboul.com](http://www.victorteboul.com).

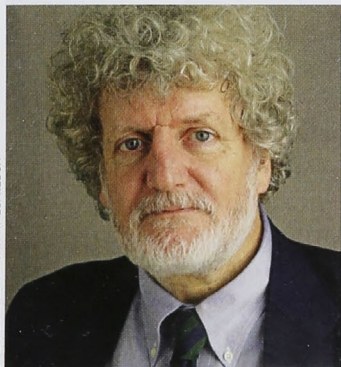
**ERICA STEVENS ABBITT**, BA'74, is the new director of the Humanities Research Group at the University of Windsor where she is an associate professor at the university's School of Dramatic Art. Her research examines contemporary feminist theatre and performance art, while her teaching focuses on theatre history. As a performer, she has appeared in the BBC TV series *Oppenheimer* and in London fringe and Off-Broadway productions.

**MELANIE BUSH**, BA'76, is the co-author of *Tensions in the American Dream: Rhetoric, Reverie, or Reality* (Temple University Press). The book explores the origins of the U.S. and its founding principles of belonging, nationalism and exceptionalism, examining how the promise of upward mobility has not prevented the marginalization of many Americans. Melanie is an associate professor in the Department of Anthropology and Sociology at Adelphi University.

**JEAN M. FAHMY**, PhD'77, earned the Prix littéraire France-Acadie for his most recent work, *Les Chemins de la liberté* (volume 1: *Marie et Fabien* and volume 2: *L'Ultime Voyage*). *Les Chemins* chronicles the adventures of two young Acadian deportees in France in the late 18th century, who encounter historical figures such as La Fayette and Washington in their travels.

**ADAM GOPNIK**, BA'80, DLitt'13, received an honorary doctorate of fine arts from Rhode Island School of Design in May. A staff writer for the *New Yorker* since 1986, Adam has won three National Magazine Awards for his work, as well as a George Polk Award for Magazine Reporting, among many other honours.

**ELIZABETH MUIR**, BTh'80, PhD'90, is the author of *Riverdale: East of the Don* (Dundurn), a book that explores the history of the Riverdale neighbourhood and how it became one of Toronto's most diverse areas. Elizabeth is a retired professor of Canadian studies at the University of Waterloo and of women's studies at the University of Toronto.



LARS KLÖWE/NEW YORK TIMES/REDUX

**JOHN F. BURNS**, BA'66, recently retired from the *New York Times* after more than 40 years of reporting for the paper. One of the most respected foreign correspondents of his generation, he reported from China, from South Africa during the apartheid era, from the former Yugoslavia during its bloody ethnic war, from Afghanistan during the rule of the Taliban and was his paper's Baghdad bureau chief during the Iraq war. He received two Pulitzer Prizes and two George Polk Awards for his work.



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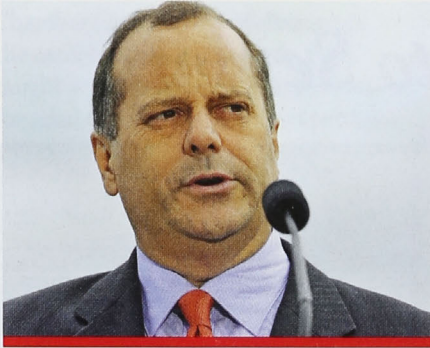
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**BRIAN TOPP**, BA'83, is the chief of staff for new Albertan premier Rachel Notley. A longtime NDP strategist, he was the deputy chief of staff for Saskatchewan premier Roy Romanow from 1993 to 2000 and served as a senior adviser to the NDP's late federal leader Jack Layton. He is also a former national president of the NDP.

**MARCY GOLDMAN**, BA'81, recently published *Love and Ordinary Things, Poems from the Wheat Field, Kitchen and Dance Floor*, her first book of poetry, as well as *The Baker's Four Seasons*, her sixth cookbook. She is a pastry chef with training from the Quebec Hotel School and a longtime contributor to the *Washington Post*. She has transitioned from traditional to independent publishing via her own imprint, River Heart Press. She is currently working on a tango memoir and a book on scent. She can be reached through her site: [www.betterbaking.com](http://www.betterbaking.com).

**DAVID MCGOVERN**, BA'82, is now the deputy national security advisor to the Prime Minister of Canada. Previously, he was the senior advisor to the Privy Council Office, responsible for the implementation of the Border Action Plan and the Regulatory Cooperation Council.

**DAVID SHERMAN**, BA'83, the writer-in-residence at Infinitéâtre, co-wrote and co-starred in the musical *Lost & Found*, which premiered at Montreal's Piccolo Rialto Theatre in February. David has worked as a journalist, screenwriter, filmmaker and playwright. With his partner Nancy Lee, who also co-wrote and co-starred in the play, he performs regularly and is working on a new CD.

**DEANNA YOUNG**, BA'87, recently published *House Dreams* (Brick Books), her

third collection of poetry. Her work has appeared in journals across Canada. A winner of the 2013 *Prism International Poetry Contest*, Deanna lives in Ottawa and co-directs the Tree Reading Series.

**LISA CAMPBELL**, BA'88, recently joined Public Works and Government Services Canada as the new assistant deputy minister, acquisitions branch. Previously, she was the senior deputy commissioner of the mergers and civil matters branches at the Competition Bureau.

**CHRIS FORBES**, BA'89, MA'93, became the new associate deputy minister of agriculture and agri-food for the federal government in January. He had been the assistant deputy minister in the Strategic Policy Branch for Environment Canada.

**LESLEY WADE-WOOLLEY**, MA'90, has left her position at Queen's University after 16 happy years and has joined the Department of Communication Sciences and Disorders at the University of South Carolina. Her husband, **STU WOOLLEY**, BA'71, MA'79, a commercial receivables consultant and the author of *Where's My Cash?!* has accompanied her to Columbia, SC. Their daughter, **EVE WOOLLEY**, BA'15, will be joining them after graduation in the spring.

**CHRISTOPHER FRANCE**, PhD'91, a psychology professor in the College of Arts and Sciences at Ohio University, was named that university's 2014 Distinguished Professor. The honour involves the presentation of a special lecture to the university community. The recipient also gets to award a scholarship to a student of his/her choosing and meets with the university's president and provost on matters related to research and scholarship. An expert in health psychology and behavioural medicine, Christopher's Distinguished Professor Lecture was titled "Rolling up Our Sleeves: Working to Prepare Blood Donors for a Lifetime of Giving."

**DANIEL GOODWIN**, BA'91, recently published his first collection of poems, *Catullus's Soldiers* (Cormorant Books). The subject matter ranges from the Roman surgeon Galen reflecting on skills earned in treating the wounds of

gladiators, to a contemporary husband and father reluctantly destroying a backyard wasp nest to protect his children. Daniel's poems and essays have appeared in several publications, including the *Literary Review of Canada*, *Contemporary Verse II*, *The Antigone Review*, *The Globe and Mail*, and the *Calgary Herald*.

**ADAM DODEK**, BA'92, was one of the recipients of the 2015 Law Society Medal, the Law Society of Upper Canada's top honour. A professor of law at the University of Ottawa, he created one of the country's only courses on the Supreme Court of Canada. He is the co-founder of the university's Public Law Group and a former chief of staff to the attorney general of Ontario. In 2014, *Canadian Lawyer* named him one of Canada's Top 25 Most Influential Lawyers.

**BRIAN FARRELL**, PhD'92, is a full professor and the head of the history department at the National University of Singapore. He was recently named the Outstanding Educator of the Year at NUS. The prize singles out "faculty members who have excelled in engaging and inspiring students in their discovery of knowledge."

**ALICE MING-WAI JIM**, BA'92, PhD'04, was awarded the Artexte Prize for Research in Contemporary Art. The prize recognizes her contributions to the study of contemporary art in Canada. She is an associate professor of art history at Concordia University and the co-editor of the *Journal of Asian Diasporic Visual Cultures and the Americas*. Her work focuses on the ethnocultural dimension of art history.

**JAMES STEWART**, BA'92, BEd'94, continues to teach history at Bishop Strachan School in Toronto, where he has been working since 2001. He also works as a freelance writer and history consultant. James recently wrote the historical content for an app that served as a historical companion guide to the hit CBC television series *The Book of Negroes*.

**TRISTAN JAMES MABRY**, BA'93, is the author of *Nationalism, Language, and Muslim Exceptionalism* (University of Pennsylvania Press). Based on fieldwork





**RIC ESTHER BIENSTOCK**, BA'81, received the Gordon Sinclair Award for Broadcast Journalism at the 2015 Canadian Screen Awards. Her documentary films have covered topics as diverse as corruption in professional boxing, sex trafficking and the Ebola outbreak in Zaire. She has received several prizes for her work, including an Emmy Award and two Edward R. Murrow Awards. Her most recent film, *Tales From the Organ Trade*, examined the international black market trade in human organs.

has appeared in *The Gazette*, the *Huffington Post*, *Urbania* and on RogerEbert.com. She contributed to author and film critic Matt Zoller Seitz's new book on *The Grand Budapest Hotel*, a companion to Seitz's *The Wes Anderson Collection*. Olivia's chapters deal with the film's music and Alexandre Desplat's score.

**DOROTA DUTSCH**, PhD'00, is the co-editor of *Women in Roman Republican Drama*, a wide-ranging examination of gender in Roman tragedies and comedies. Dorota is an associate professor of classics at University of California, Santa Barbara, and the author of *Feminine Discourse in Roman Comedy*.

**DAVID C. EMELIFEONWU**, PhD'00, has been appointed honorary colonel of the Royal Canadian Airforce -1 Wing. This honour comes on the heels of receiving the Canadian Armed Forces Medallion for Distinguished Service in 2012, the highest military award given to civilians. He is the senior staff officer of educational engagements and partnerships at the Canadian Defence Academy and an associate professor at the Royal Military College of Canada.

**EDVARD GLUCKSMAN**, BA'03, is the co-author of *Biodiversity and Earth History*, an educational textbook that

in Iraq, Pakistan, India, Indonesia, the Philippines and elsewhere, the book compares the politics of six Muslim separatist movements, locating shared language and print culture as a central factor in Muslim ethnonational identity. Tristan is a lecturer in the Department of National Security Affairs at the Naval Postgraduate School in Monterey, California.

**ADAM STERNBERGH**, BA'93, recently published *Near Enemy*, a sequel to his futuristic crime novel *Shovel Ready*, which was nominated for a 2015 Edgar Award for Best First Novel by an American Author. *Shovel Ready* was also named a *Newsweek* Favorite Book of 2014. Adam is a contributing editor for *Vulture* and *New York* magazine.

**KRISTA THOMPSON**, BA'95, is the author of *Shine: The Visual Economy of Light in African Diasporic Aesthetic Practice*. With references to Jamaican dancehall competitions and hip-hop culture, the book examines photographic practices in the Caribbean and United States and how seeking out the camera's lights — whether from a cell phone, a Polaroid or a video camera — provides a means to African diasporic communities to represent themselves in the public sphere. Krista is the Weinberg College Board of Visitors Professor in the Department of Art History at Northwestern University.

**ELIOTT BEHAR**, BA'97, is the author of *Tell It to the World: International Justice and the Secret Campaign to Hide Mass Murder in Kosovo*. The book examines the true story of how more than a thousand Kosovar Albanians vanished in the nineties and the secret campaign to hide

terrible crimes by transporting and concealing human bodies. Elliott is a former war crimes prosecutor for the International Criminal Tribunal for the Former Yugoslavia in The Hague.

**BRINDA SARATHY**, BA'97, is the new director of Pitzer College's Robert Redford Conservancy for Southern California Sustainability. Brinda is an associate professor of environmental analysis at Pitzer, where she teaches about U.S. environmental history, California water politics and environmental justice. Her current research concentrates on the social and scientific regulation of water pollution in post-World War II California.

**JULIANE BERTRAND** (B.A. 2000, M.A. 2002) a participé à la rédaction du livre *Jumelages interculturels. Communication, inclusion et intégration*, publié aux Presses de l'Université du Québec en janvier 2015. Fruit de la coopération entre maîtres de langue et professeurs de plusieurs facultés de l'Université du Québec à Montréal, ce livre présente des activités favorisant le développement d'une interrelation positive entre des étudiants de français langue seconde (principalement immigrants) et des étudiants en éducation, psychologie et travail social (principalement Québécois natifs). Dans un contexte où le Québec tente de légiférer sur ses valeurs communes, au-delà de la langue française, des activités comme le jumelage interculturel contribuent à former des citoyens aptes à débattre de ce sujet de manière nuancée.

**OLIVIA COLLETTE**, BA'00, is a Montreal-based writer whose work



MATT UNDERWOOD

**JOSEPH HEATH**, BA'90, won the \$25,000 Shaughnessy Cohen Prize for Political Writing for his book *Enlightenment 2.0*. The prize jury praised the book as "a vivid chronicle of the descent of contemporary politics into a bedlam of competing irrationalities and appeals to unreason." Joseph is a professor of philosophy at the University of Toronto.



covers Earth's formation, its subsequent geological history, the early stages of life, how environmental pressures shape the evolution of species and other related concepts. Edvard is an associate research fellow at the University of Exeter.

**ANDREW BURT**, BA'08, is the author of *American Hysteria* (Lyons Press), an exploration of five major episodes of mass political extremism in the United States, including the Anti-Illuminati movement of the 1790s, McCarthyism in the fifties and the Anti-Sharia movement of today. The book argues that these movements are driven by a particular set of circumstances in which groups see their place in American society slipping away. A former reporter for *U.S. News & World Report*, Andrew is currently a visiting fellow at Yale Law School's Information Society Project.

**RICHARD KIPLESUND**, BA'12, and **JORDAN MASYS**, BSc'14, were recently involved in the creation of the Nordic Medical Centre (NMC) in Addis Ababa, Ethiopia. The Norwegian-owned specialized centre for internal medicine and surgery aims to deliver high quality medical services 24/7 with a focus on emergency and family medicine. Jordan is a business development executive with NMC, while Richard is a NMC business development manager.

## DENTISTRY

**MYRNA HALPENNY**, DDS'74, received the College of Dental Surgeons of British Columbia's Honoured Member Award in March. The prize is the CDSBC's highest honour. Myrna was the CDSBC's first female president and has long been a strong advocate for women in dentistry. She was a founding member of the B.C. Women's Dental Society in the eighties and recently chaired a mentorship program for female dentists in British Columbia. Though officially retired, she continues to contribute to her profession. She co-chaired the B.C. Dental Association's task force on Best Ethical Practices and volunteered at the University of British Columbia's Faculty of Dentistry in its ethics and first-year programs.



INTI ST. CLAIR

**KIM FU**, BA'09, is a Seattle-based author. Her novel *For Today I Am a Boy* won the Edmund White Award for Debut Fiction and was recently a finalist for the 2015 PEN/Hemingway Award for work by a previously unpublished author. She was also named a 2015-16 Berton House Writers' Retreat resident by the Writers' Trust of Canada. She will spend three months in the childhood home of Canadian author Pierre Berton in Dawson City, Yukon, working on her second novel.

## EDUCATION

**BILL WINFIELD**, BSc(PE)'51, has raised \$10,000 in donations for the Alzheimer Society Peel through sales of his self-published book *Stranger in My House — A Caregiver's Experience*. In the book, Winfield shares his personal experience dealing with his wife's disease and offers encouragement and direction to those in comparable circumstances. For more information about the book, email [billwinfield671@hotmail.com](mailto:billwinfield671@hotmail.com).

**MARTIN RAYMOND**, BEd'90, MA'96, will be an assistant coach for Canada's national junior team when it competes for the 2016 World Junior Championship. He served in the same role earlier this year, helping the Canadian squad as it earned a gold medal. He recently completed his second season as the head coach of the Quebec Major Junior Hockey League's Drummondville Voltigeurs. Martin was the head coach of the McGill Redmen hockey team from 1995 to 2009.

## ENGINEERING

**ROE-HOAN YOON**, MSc(Eng)'71, PhD'77, received the 2014 Lifetime Achievement Award at the 27th International Mineral Processing Congress for his achievements in fine particle recovery and associated environmental benefits. He and his colleagues have developed various advanced separation processes for the minerals and coal industries, including microbubble flotation, dewatering aids and hyperbaric centrifuge. Roe-Hoan is a university distinguished professor at Virginia Tech University.

**MOHAN MUNASINGHE**, PhD'73, received the Eminence in Engineering Award from the Institution of Engineers of Sri Lanka for his outstanding contributions to sustainable development and the engineering profession. He is the founder and chair of the Munasinghe Institute for Development and was the vice-chair of the Nobel Peace Prize-winning UN Intergovernmental Panel on Climate Change.

**MARK WHITTON**, BEng'79, has left his position as the vice president of technology at NII Holdings in Reston, Virginia, to do consulting and to enjoy semi-retirement. He co-founded Consult Agilis, a consulting company that works on wireless telecommunications projects with a focus on Latin America and new wireless technologies. He plans to return to Canada in 2015 to be closer to his family.

**CLAUDE GÉNÉREUX**, BEng'85, is the new executive vice-president of Power Corp. of Canada and its subsidiary, Power Financial Corp. He spent 28 years with the consulting firm McKinsey & Co., most recently as a senior director.

**TERRY PANOPALIS**, BEng'86, has been at Bombardier Aerospace (Canadair) since 1982, and has been involved with the structural design, analysis and testing of the Challenger and Global business jets, CRJ family of regional jets, Airbus A330/340 structures and CL-415 amphibian. He is presently principal engineering specialist on the C-Series airliner. He has written numerous publications on aerospace history.



**ERNEST MAST**, BEng'87, MEng'89, recently became the new president and chief operating officer of Primero Mining Corp., a Canadian-based precious metals producer. He had previously been working as the vice president of corporate development at Copper Mountain Mining.

**CHAD WILLIAMS**, BEng'89, MBA'93, is the new chief executive officer of Klondike Strike, the world's first equity crowdfunding portal dedicated to mining. Chad has extensive experience in mining finance and was the CEO of Victoria Gold Corp., and a founder of both Agilith Capital Inc. and Westwind Capital Inc.

**ERIC ASHBY**, MEng'91, was selected as PIMA's Mill Manager of the Year by the Technological Association of the Pulp and Paper Industry for his work as the mill manager at the Domtar Windsor Mill in Quebec. Eric earned the award for his outstanding leadership, management, and organizational skills.

**ANNE-MARIE BOULAY**, BEng'06, a postdoctoral intern at the École Polytechnique de Montréal, recently received the SETAC Europe Young Scientist Life Cycle Assessment Award. She was honoured for her contributions to advancing the life cycle assessment science on water-use impact and her work on the international front to transform these scientific discoveries into practice.

## LAW

**JEAN-LOUIS BAUDOIN**, BCL'58, LLD'07, was named to the Order of Canada as a new officer last December. A former judge

of the Court of Appeal of Quebec, he co-authored the Quebec Annotated Civil Code (17th edition) and taught contract law, civil liability, medical law and bioethics at the Université de Montréal's Faculty of Law for more than 25 years. He is a senior partner in Fasken Martineau's litigation & dispute resolution group.

**RICHARD POUND**, BCom'62, BCL'67, LLD'09, was promoted to companion, the highest rank in the Order of Canada. A chancellor emeritus at McGill, he was the founding president of the World Anti-Doping Agency and a longtime vice-president of the International Olympic Committee. He is a counsel in the Montreal office of Stikeman Elliott and a member of the firm's tax group.

**MAX R. BERNARD**, BA'66, BCL'69, now practices at LCM Attorneys, a new litigation boutique firm in Montreal founded by former partners of Heenan Blaikie. His practice focuses on commercial litigation, construction law, real estate, securities brokerage and banking. In 2010, he was a recipient of the Quebec Bar's honorary title of emeritus lawyer. He is a fellow of the American College of Trial Lawyers and is included in the *Lexpert/American Lawyer Guide to the Leading 500 Lawyers in Canada*.

**IAN M. SOLLOWAY**, BA'70, BCL'73, has been re-elected to a seventh consecutive term as the chair of the English-speaking section of the Bar of Montreal for 2015-16. In 2014, he received the Lord Reading Law Society's Past-Presidents' Medal, an award that recognizes current or former members of the society for

achieving excellence in the legal profession, making significant contributions of service to the community and embodying the highest ethical standards. A fellow of the International Academy of Matrimonial Lawyers, he is a Montreal trial attorney specializing in family law.

**LISA DE WILDE**, BA'77, LLB'80, joined the board of directors for Telus in February. She is the CEO of TV Ontario and chairs the Toronto International Film Festival's board of directors.

**MARK P. SHELSTON**, BCL'81, LLB'82, a lawyer with MacKinnon & Phillips in Ottawa, was appointed to the Ontario Superior Court of Justice, Family Court Branch, on March 30, 2015. In 2012, he was listed as one of the best lawyers in family law by the directory *Best Lawyers in Canada*.

**GAIL A. KARISH**, BCL'89, LLB'89, recently became a partner at Best Best & Krieger LLP where she has been a telecommunications law attorney in their Los Angeles office.

**JULIA HANIGSBERG**, BA'87, BCL'91, LLB'91, became the new president and CEO of Holland Bloorview Kids Rehabilitation Hospital in January. Holland Bloorview is the largest children's rehabilitation hospital in Canada and is affiliated with the University of Toronto. Julia was the vice-president of administration and finance at York University.

**JOHANNE POIRIER**, BCL'91, LLB'91, will be the inaugural holder of McGill's Peter MacKell Chair in Federalism. She has been teaching at the Université libre



**ROBERT HOULE**, BEd'75, was a recent winner of the \$25,000 Governor General's Award in Visual and Media Arts. A member of the Sandy Bay First Nation in Manitoba, he now lives in Toronto. Visual artist Barry Ace and Carleton University Art Gallery director Sandra Dyck, who both nominated him for the award, describe his work, which frequently deals with First Nations themes, as "characterized by aesthetic restraint, intellectual rigour, and deep empathy." A special exhibition featuring selected works by this year's Governor General's Award winners is being held at the National Gallery of Canada until August 30.



de Bruxelles and co-directed its Center for Public Law from 2008 to 2012. A member of the board of directors of the Forum of Federations, she has participated in expert missions on constitutional reform and federalism in several countries, including Tunisia, Bosnia-Herzegovina, Sudan and Nepal. She begins her new role at McGill in August.

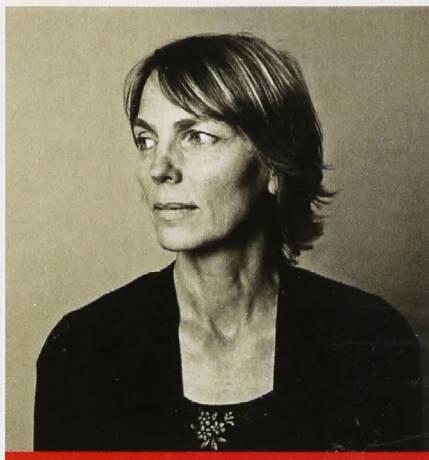
**PHILIPPE DUFRESNE**, LLB'98, BCL'98, has been appointed law clerk and parliamentary counsel of the House of Commons where he will be responsible for providing legal advice to Members of Parliament, House of Commons standing committees and the House administration. He had previously been working as senior general counsel and director general of the Canadian Human Rights Commission's Protection Branch.

**ANNIE GAGNON-LAROCQUE**, BA'99, BCL/LLB'02, partner Eric Falls and big brother Alexandre were pleased to welcome Emilie Katherine Falls to the family in June 2013. Annie is a partner in the real property & planning group at McCarthy Tétrault LLP in Montreal and recently completed her term as president of CREW Mtl (Commercial Real Estate Women), whose mission is to support, promote and recognize the success of women in commercial real estate.

**JULIEN FOURET**, LLM'03, who recently became a partner at betto seraglini, a law firm exclusively dedicated to international arbitration in Paris, also edited a new book, *Enforcement of Investment Treaty Arbitration Awards* (Globe Law and Business), a guide for lawyers interested in investment arbitration.

**ERIN ZIPES**, BCL/LLB'03, recently accepted the position of assistant general counsel at Shopify, an Ottawa-based commerce-platform company.

**ZACHARY DETRA**, LLM'06, recently became a partner at Davis Graham & Stubbs LLP, where he practices in the firm's finance & acquisitions department. He represents clients in commercial transactions and mergers and acquisitions, focusing on transactions involving aircraft and helicopters, as well as intellectual property assets, start-ups and



IDA MEYER

**TORILL KOVE**, MUP'89, received an Academy Award nomination in the best short film (animated) category for *Me and My Moulton*, which drew inspiration from her childhood years in Norway. Her short animated films have now been nominated for three Oscars and she won in 2007 for *The Danish Poet*. Her husband, Schulich School of Music jazz studies professor **KEVIN DEAN**, supplies the musical scores for her films.

early stage businesses, and private equity and debt financings.

**DALE BARRETT**, BCL/LLB'07, founded Barrett Tax Law, a firm that specializes in tax planning and tax-related cases and offers confidential free consultations to clients across Canada. Dale is also the author of *Tax Survival for Canadians: Stand Up to the CRA*, which ranked among the best-selling books about tax on Amazon. To find out more about the firm, visit [barretttaxlaw.com](http://barretttaxlaw.com).

## MANAGEMENT

**GERARD ST-CYR**, BCom'83, is the author of *My Wine Guide (made simple)*. The book is a reference guide for all levels of wine drinkers and promises to provide comprehensive yet simple directions for choosing the right wine and expanding your basic knowledge of labels, soil and wine lingo. The book can be purchased on Amazon.

**KELLY GILLIS**, BCom'89, DPA'90, is now the associate deputy minister of industry for the Canadian government. She previously held the position of senior assistant

deputy minister, spectrum, information technologies and telecommunications at Industry Canada, where she was responsible for promoting the development of world class information and communications technologies for the economic, social and cultural uses of Canadian citizens.

**PRISCILLA MA**, BCom'89, is the new executive director of World Animal Protection's United States office. In her previous position as the executive director of Smile Train, the world's largest cleft charity, she helped the organization quadruple its annual income during her time there. World Animal Protection is active in more than 50 countries and focuses on preventing animal suffering worldwide.

**LAUREN CRACOWER**, BCom'01, is the co-owner of Suite 203 Communications, a Montreal based boutique marketing agency that specializes in strategic content, social media and public relations for lifestyle brands. Since graduating from McGill and New York's Fashion Institute of Technology, Lauren has worked in various capacities at companies ranging from international fashion houses to local startups and award-winning advertising agencies.

**ANDRES FRIEDMAN**, BCom'03, was recently promoted to the position of director of program management at Bombardier Aerospace. He spent the last four-and-a-half years working for Bombardier in Mexico, where he worked as a supply chain manager, operations manager and logistics director. He has relocated to Bombardier's Toronto facility and is excited to be back in Canada.

**MATHIEU GUILBAULT** (B. Comm. 2004) a publié *80 Stratégies en planification financière*, dans lequel vous découvrirez si vous avez plutôt tendance à prendre des décisions qui optimisent votre situation ou si, au contraire, vous avez acquis de mauvais réflexes. Dans ce dernier cas, vous apprendrez à modifier vos comportements en développant une nouvelle relation à l'égard de l'argent et en adoptant des stratégies utiles. Voici un livre essentiel pour toute personne qui souhaite gérer ses finances de manière efficace. Pour plus de détails : [www.monpf.ca](http://www.monpf.ca).



**DEVON SMILEY**, BCom '04, has launched a new consultancy practice after spending a decade in the field of corporate procurement. As a negotiation consultant, Devon will assist her clients in developing strategies, sharpening skills, and securing strong contracts. She is excited to be bringing her passion for negotiation to new industries and markets. For more information: [www.devonsmiley.com](http://www.devonsmiley.com).

**MARK EISENBERG**, MMgmt'10, became the new director of the MD/PhD program at McGill's Faculty of Medicine last December. A full professor at McGill, Mark is also a staff cardiologist at the Jewish General Hospital and a principal investigator for the JGH's Centre for Clinical Epidemiology. He will be responsible for overseeing the MD/PhD program's curriculum and for mentoring its students as they seek to become physician researchers.

## MEDICINE

**H. BRUCE WILLIAMS**, MDCM'55, was appointed to the Order of Canada as a new member in December. A longtime professor of surgery at McGill, he was honoured "for his contributions to the practice of plastic surgery, particularly for helping burn victims as well as young people with congenital abnormalities." He was the surgeon-in-chief at the Montreal Children's Hospital between 1992 and 2007.

**HOWARD BERGMAN**, BSc'67, MDCM'69, was a recipient of a 2014 Lifetime Achievement Award in Family Medicine Research from the College of Family Physicians of Canada. He is the chair of McGill's Department of Family Medicine and the University's Dr. Joseph Kaufmann Professor of Geriatric Medicine. A past president of the Canadian Geriatrics Society, his research focuses on aging, chronic disease, frailty and health services.

**CAROLINE BLANE**, BSc'69, MDCM'73, recently published *An Apartment in Paris: Adventures in Locating, Buying and Furnishing an Apartment in Paris*. The book is based on her own experiences

in Paris while on sabbatical there with her husband and child. They discovered that purchasing an apartment in a foreign country was hardly straightforward, particularly as they tangled with the distinctly French way of doing business. Caroline is a professor emeritus in the Department of Radiology at the University of Michigan. Her book is available on Amazon.

**PAULA (ADELSON) LEVINSON**, BScN'70, received the 2014 Jeanne-Mance Prize awarded by the Montreal/Laval region of the Quebec Order of Nurses in recognition of her contributions as a head nurse at Donald Berman Maimonides Geriatric Centre to the development of nursing care and the improvement of public health.

**ELLEN ROSENBERG**, MDCM'73, was a recipient of a 2014 Lifetime Achievement Award in Family Medicine Research from the College of Family Physicians of Canada. She is an associate professor of family medicine at McGill and a co-founder of the Groupe québécois pour la recherche en médecine familiale. Her research focuses on the doctor-patient relationship in primary care.

**PETER HERSCOVITCH**, BEng'71, MDCM'75, became the president of the Society of Nuclear Medicine and Molecular Imaging in June 2014. He is also the president-elect of the International Society for Cerebral Blood Flow and Metabolism and the director of the Positron Emission Tomography Department at the National Institutes of Health Clinical Center in Bethesda. He currently resides in Chevy Chase, Maryland.

**MARK YAFFE**, BSc'70, MDCM'76, was a recipient of a 2014 Lifetime Achievement Award in Family Medicine Research from the College of Family Physicians of Canada. He was also the inaugural recipient of the College of Family Physicians of Canada / Canadian Geriatrics Society Award of Distinction in Health Care of the Elderly. Mark is a professor of family medicine at McGill and a family physician at St. Mary's Hospital Centre. His research interests include family caregiving, elder abuse and depression.

**KEITH MACLELLAN**, BA'69, BSc'73, MDCM'77, was named to the Order of Canada as a new member last December. Keith is a family physician in Shawville, Quebec, and one of the co-founders of the Society of Rural Physicians of Canada. The SRPC, which has more than 3,000 members, supports rural medical education programs, encourages research into rural health issues and promotes equitable health care for the roughly nine million Canadians who live in predominantly rural regions.

**WENDY LEVINSON**, MDCM'81, was named to the Order of Canada as a new officer last December. A professor of medicine at the University of Toronto, she is an expert in the field of physician-patient communication and, in particular, on the disclosure of medical errors to patients. She chairs "Choosing Wisely Canada," a national campaign that hopes to help physicians and patients engage in conversations about unnecessary tests, treatments and procedures.



OWEN EGAN

**HENRY MINTZBERG**, BEng'61, was awarded the 2014 McGill Lifetime Achievement Award for Leadership in Learning during the University's fall convocation ceremony. The prize recognizes sustained excellence in leadership and innovation, as well as the active integration of teaching and learning with inquiry, scholarship and research. He is the John Cleghorn Professor of Management Studies in the Desautels Faculty of Management and the faculty director of its International Masters for Health Leadership.



**DAVID WILLIAMS**, BSc'76, MDCM'83, MSc'83, DSc'07, was recently appointed to the Order of Ontario. He is the president and CEO of Southlake Regional Health Centre in Newmarket, Ontario. As a Canadian astronaut, Dave participated in the construction of the International Space Station and did research in space on the effects of weightlessness on the nervous system. He is the former director of NASA's Space and Life Sciences Directorate.

**GASPAR A. FARKAS**, PhD'84, recently became the new associate dean for academic and student affairs for the University of Buffalo's School of Public Health and Health Professions. He is an associate professor at the university in the Department of Exercise and Nutrition Sciences.

**MARILYN MCHARG**, MSc(A)'87, was recently named to the Order of Ontario. She is the co-founder and former executive director of *Médécins Sans Frontières Canada*. As a field nurse, training consultant, medical coordinator and head of mission, she took part in several humanitarian missions in war-torn regions. She is now the president of Aid Solutions.

**MICHAEL DAN**, PhD'89, was recently appointed to the Order of Ontario. Michael is a former neurosurgeon, an entrepreneur and a philanthropist who has supported hospitals, local charities, and First Nations health and human rights initiatives.

**ROBYN TAMBLYN**, PhD'99, a McGill professor in the Departments of Medicine and Epidemiology and Biostatistics, was

named to the Order of Canada as a new member in December. She is the scientific director of the Institute of Health Services and Policy Research at the Canadian Institutes of Health Research and a leading expert on prescription drug use, its determinants, and computerized interventions to improve drug safety.

**LORNE WIESENFELD**, MDCM '92, was recently appointed to the position of vice dean of postgraduate medical education at the University of Ottawa. Lorne is an academic emergency physician at the Ottawa Hospital and a former program director for U of O's RCPSC Emergency Medicine Residency. He is an assistant professor in the U of O's Department of Emergency Medicine. Prior to coming to Ontario, Lorne was an attending emergency physician at the McGill University Health Centre.

**OREN TESSLER**, BSc'98, MBA'05, MDCM'05, now lives in New Orleans, Louisiana, where he is an assistant professor of clinical surgery at Louisiana State University and the chief of the Division of Plastic and Reconstructive Surgery at the LSU Health Sciences Center. Among his plastic surgery colleagues at LSU is **HUGO ST. HILAIRE**, DDS'97.

**LISA FELDMAN**, BSc'00, PhD'12, received the William P. Van Wagenen Fellowship from the American Association of Neurological Surgeons. The prize offers a \$120,000 stipend for living and travel expenses to a foreign country for a period of 12 months. She is a fifth year neurosurgery resident at the Virginia Commonwealth University School of Medicine. In July she will travel to New

Zealand to study perfluorocarbon as a new oxygen delivery therapy in hopes of reversing the cell death that results from radiation treatment of brain cancers.

## MUSIC

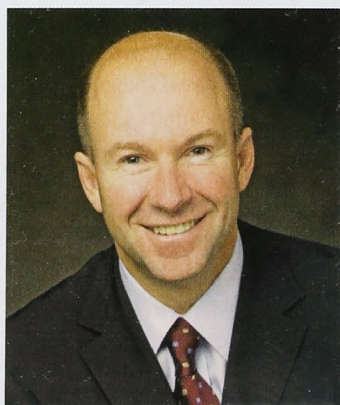
**BARBARA MONK FELDMAN**, MMus'84, is a composer and the creator of the opera *Pyramus and Thisbe*, which will have its world premiere as part of the Canadian Opera Company's 2015/2016 season. Based on the original forbidden love story from Ovid's *Metamorphoses*, Barbara's opera also draws inspiration from the painting of the same name by the 17th century painter Nicolas Poussin, as well as from the light and colour of her native Gaspé Peninsula. Known mostly for her chamber and piano works, this is her first opera.

**JENS LINDEMANN**, BMus'88, was named to the Order of Canada as a new member last December. A celebrated trumpet soloist who has performed with many of North America and Europe's leading orchestras, he has also played for Queen Elizabeth II and along with Michael Bubl  at the closing ceremonies of the Vancouver 2010 Olympics. He was a member of the Canadian Brass from 1996 to 2001. He teaches at UCLA's Herb Alpert School of Music.

**ALLISON GAGNON**, MMus'91, was recently appointed as an associate professor of music at the University of North Carolina School of the Arts (UNCSA) in Winston-Salem, NC, where she has been on faculty in the School of Music and for which she established the graduate program in collaborative piano. In May 2014, she was the recipient of a UNCSA Excellence in Teaching Award.

**DARCY JAMES ARGUE**, BMus'97, the New York-based bandleader of Darcy James Argue's Secret Society, was named as one of the 2015 recipients of a Guggenheim Fellowship. The fellowships recognize individuals who have demonstrated exceptional capacity for productive scholarship or exceptional creative ability in the arts.

**DEREK OLIVE**, BMus'01, is a folk-pop singer-songwriter who recently released



**ALAIN BELLEMARE**, MBA'93, became the new president and chief executive officer of Bombardier, the world's largest manufacturer of both planes and trains, in February. He was previously the president and CEO of UTC Propulsion & Aerospace Systems, where he oversaw the operations of both Pratt & Whitney and UTC Aerospace Systems. A member of the faculty advisory board for McGill's Desautels Faculty of Management, he also serves on the board of the Smithsonian National Air and Space Museum.



an album titled, *Mystery & Dust*. As a musician, Derek draws inspiration from his work as an ER nurse and the way these experiences have changed his views on life and death.

**DARREN FUNG**, BMus'02, composed the score for *The Great Human Odyssey*, a three-part documentary series about the emergence of Homo sapiens as the world's only global species. The series aired on CBC earlier this year. **NIOBE THOMPSON**, BA'96, wrote, directed and produced the series, while **JEREMY TUSZ**, MMus'06, was the score recording engineer and **APRIL TUCKER**, MMus'04, was the score mixer and editor.

**PATIL HARBOYAN**, BMus'02, MMus'04, and **HEATHER TUACH**, MMus'02, recently launched their recording *Music from Armenia for Cello and Piano* on the Divine Art Label. The recording has been featured in various classical music magazines including *Fanfare* and was described by *Gramophone* as a "delightful disc of discoveries." The duo showcased the CD



**BRIAN CURRENT**, BMus'96, won the 2015 Juno Award for Classical Composition of the Year for his opera *Airline Icarus*. The opera, which takes place on a doomed commercial flight, was inspired by the downing of a Korean Air jetliner in 1983 by a Soviet fighter jet. Brian is the artistic director and conductor of the Royal Conservatory of Music's New Music Ensemble.

in March at a concert at Carnegie Hall in New York.

**BEN WILKINS**, BMus'06, is a singer-songwriter, producer and arranger with a new album out on his own Midnight Train Records label. Recorded in Montreal, *All From Hello* includes the track "Breakfast at the Figaro," a direct reference to the Mile-End's beloved Croissanterie le Figaro. Guest artists on the album include singer Bonnie Pointer from the Pointer Sisters.

**VINCENT BOUCHER**, DMus'08 has been appointed the titular organist at Saint Joseph's Oratory. He will be performing on both of the sanctuary's organs, including the newly restored Beckerath, the largest purely mechanical-action organ in the country. He is now also the oratory's artistic director and is responsible for organizing its traditional Sunday organ concerts. A prize-winning musician with 11 recordings on his discography, Vincent is also an investment advisor at National Bank Financial.

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**LAURA RISK**, MA'10, co-produced the 2014 Prix Mnémo-winning album *Douglastown: Music and Song from the Gaspé Coast*. The CD captures the unique musical culture and history of the town (lots of fiddle, as well as accordion, harmonica, pump organ and stepdancing) in 46 tracks. Laura is a PhD candidate in the Schulich School of Music. Her fiddling appeared on the soundtrack of the Ken Burns PBS documentary series *The National Parks: America's Best Idea*.

**ALEXANDRA FOL**, DMus'11, accepted a position as titular organist and conductor at Missione Maria Ausiliatrice, one of the largest Catholic parishes in Canada. She is completing an orchestral commission from Germany's Collegium Musicum Berlin to be performed during the 2015-2016 concert season.

**BÉNÉDICTE LAUZIÈRE**, BMus'12, became the new concertmaster for the Kitchener-Waterloo Symphony in January. She recently graduated with a master's degree in music from Juilliard and in 2014, she was the winner of Quebec's Prix d'Europe.

**BETH MCKENNA**, BMus'13, BEd'13, is the founder and leader of the Beth McKenna Jazz Orchestra, which launched its debut EP *Start* in January. Based in Montreal, the group performs Beth's jazz-fusion/contemporary jazz-rock music compositions. A winner of a \$10,500 Conseil des arts et lettres du Québec (CALQ) "Up-and-Coming Artists - Music" grant, Beth received one-on-one mentorship for the project from four different jazz leaders/composers, including two-time Juno Award winner **CHRISTINE JENSEN**, BMus'94, MMus'06, and two-time Grammy Award nominee **DARCY JAMES ARGUE**, BMus'97.

## SCIENCE

**ROBERT NOVELLINE**, BSc'65, received the Gold Medal of the Association of University Radiologists. It is the AUR's highest honour. Widely regarded as one of the founders of the subspecialty of emergency radiology, his contributions to medical school curricula in radiology have been adopted at Harvard and at other medical schools. He is a professor of radiology at Harvard Medical School.

**GREGORY GREGORIADIS**, MSc'66, PhD'68, recently published *Still the Cicadas Sing*. He hopes the book will raise awareness about Greece's contributions and sacrifices during the Second World War. The book's young protagonist deals with one of the darker periods in Greek history — the years of resistance, famine and executions in Nazi-occupied Athens. Gregory is a professor emeritus at University College London and the founder of Xenetic Biosciences Inc.

**MARK WAINBERG**, BSc'66, was the 2014 recipient of the Cubist-ICAAC Award and delivered the award lecture at the American Society for Microbiology's Interscience Conference of Antimicrobial Agents and Chemotherapy last September. The award recognizes outstanding accomplishment in antimicrobial research. Mark is the director of the McGill AIDS Centre and a former president of the International AIDS Society. In collaboration with BioChem Pharma Inc, he identified 3TC, now widely used to treat HIV, as an effective anti-viral drug.

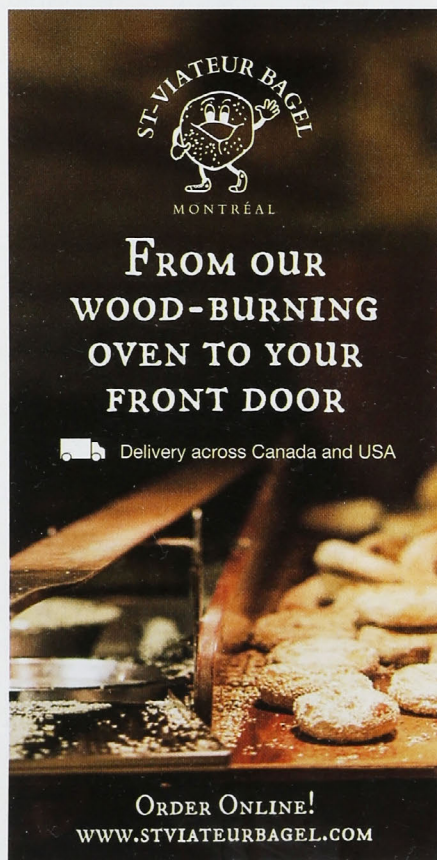
**FIKRET BERKES**, BSc'68, PhD'73, published *Coasts for People: Interdisciplinary Approaches to Coastal and Marine Resource Management* (Routledge). His previous book, *Sacred Ecology* (Routledge), was the winner of the Ecological Society of America's 2014 Sustainability Science Award. He is a Tier I Canada Research Chair in Community-based Resource Management at the University of Manitoba, and looks forward to graduating to professor emeritus in 2016.

**MAXIANNE BERGER**, BSc'69, MSc(A)'73, published *Un Renard Roux / A Red Fox*, her first tanka poetry collection written in both French and English. She has co-edited tanka anthologies with her husband and they now co-edit the online journal *Cirrus: tankas de nos jours*. She has given numerous tanka workshops, written several articles on tanka poetics and has previously published two books of lyric poetry.

**DAVID NETTLESHIP**, PhD'70, is the editor-in-chief of the recently published *Voyage of Discovery: Fifty Years of Marine Research at Canada's Bedford Institute of Oceanography*, an extensive review of the history and the marine research undertaken at Canada's premier oceanographic laboratory. The book chronicles the history of Canadian oceanography before the institute's creation and provides an overview of the institute's scientific accomplishments. For more information, please visit [www.bio-oa.ca](http://www.bio-oa.ca).

**DAVID FRIENDLY**, BSc'71, after retiring from Petro-Canada, has relocated to Lunenburg, Nova Scotia with his wife. He was presented with the 2014 Lunenburg Board of Trade Volunteer of the Year Award in November. Amongst his many volunteer endeavors, David is the president of the Lunenburg Folk Harbour Festival.

**CHARLES GALE**, MSc'82, PhD'86, received the 2015 CAP-CRM Prize in Theoretical and Mathematical Physics. The prize was co-created by the Centre de recherches mathématiques and the Canadian Association of Physicists to recognize research excellence in the fields of theoretical and mathematical physics. Charles was recognized for his contributions to



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theoretical nuclear physics. He is a James McGill Professor in McGill's Department of Physics.

**QUINN MCCARTNEY**, BSc'82, announced his retirement from his position as deputy commissioner of the Royal Bahamas Police Force after 32 years of RBPF service. He is taking a new security position at the Baha Mar resort.

**JOHN LEANDER PO**, BSc'94, MSc'96, is now a clinical associate professor of medicine at the University Of Arizona College Of Medicine Tucson, where he is the director of the Infectious Diseases Fellowship Program.

**SARAH SHELL**, BSc'03, is studying dentistry at the University of Western Ontario's Schulich School of Medicine and Dentistry. She is also the founder and design director for 442 McAdam, which produces designer handbags. A graduate of Parsons The New School for Design,

she launched 442 McAdam in 2008. Her handbags have been featured in *Elle Canada*, *Fashion*, the *National Post* and other publications. Visit [www.442mcadam.com](http://www.442mcadam.com) to find out more.

**MAZIN T. ABDELGHANY**, BSc'11, was selected as a Rolf C. Syvertsen Scholar for the 2014-2015 year at Dartmouth College's Geisel School of Medicine. An active volunteer and tutor, Mazin founded the Claremont (New Hampshire) Soup Kitchen Health Clinic, which provided health screening programs and nutritional workshops to a medically underserved population, and the Geisel Journal Club, which exposes medical students to relevant research published in reputable journals. The Syvertsen Scholar Awards recognize academic achievement, leadership qualities and community involvement.

## SOCIAL WORK

**KAREN S. HAYNES**, MSW'70, recently received a Trailblazer Award at the Leadership California Legacy of Leadership Awards. The Trailblazer Award honours a California woman leader who is a pioneer in her field, exemplifying a spirit of exploration, passion and groundbreaking achievement that leads the way for others. Karen was one of six presidents of California state universities honoured this year. She is the president of California State University San Marcos.

**RICHARD SILVER**, BSW'79, BCL'88, LLB'88, was reelected to the board of directors of the Association of Social Work Boards (ASWB). A social worker and lawyer, Richard is legal counsel to the *Ordre des travailleurs sociaux et des thérapeutes conjugaux et familiaux du Québec* and has been on staff at the organization since 2001. ASWB is the nonprofit association of social work licensing regulatory boards in the U.S. and Canada.

**MYRA GIBEROVITCH**, BSW'87, MSW'89, is the author of *Recovering from Genocidal Trauma: An Information and Practice Guide for Working with Holocaust Survivors* (University of Toronto Press). The book provides a framework for working with aging Holocaust survivors as well as



SAM HOLLENSHEAD/NUU PHOTO BUREAU

**LOUIS NIRENBERG**, BCom'45, DSc'86, a professor emeritus at New York University's Courant Institute of Mathematical Sciences, has been awarded the Abel Prize in Mathematics by the Norwegian Academy of Science and Letters. He shared the prize, worth approximately \$760,000, with his co-recipient, the late John Nash, the subject of the 2001 film *A Beautiful Mind*. In announcing the prize, the academy paid tribute to the two mathematicians for their "striking and seminal contributions to the theory of nonlinear partial differential equations and its applications to geometric analysis."

survivors of contemporary genocides. The daughter of Auschwitz survivors, Myra has spent 25 years as a professional social worker and community activist. She is an adjunct professor in the School of Social Work at McGill. Visit [www.myragib-erovitch.com](http://www.myragib-erovitch.com) for more information.

**NANCY SIEW**, MSW'88, was appointed as a citizenship judge for the Greater Toronto Area, where she will be responsible for making decisions with regard to citizenship applications, presiding over citizenship ceremonies and administering the oath of citizenship to new citizens.

We're always interested in what our graduates are up to. Please send your news to us at:

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Email: [news.alumni@mcgill.ca](mailto:news.alumni@mcgill.ca)  
The submissions we receive may be edited and/or shortened.



OWEN EGAN

**VICKY KASPI**, BSc'89, a McGill astrophysicist known for her cutting-edge work on neutron stars and pulsars, is the 2015 recipient of the Killam Prize for the Natural Sciences. She is McGill's Canada Research Chair in Observational Astrophysics, the Lorne Trottier Chair in Astrophysics and Cosmology and the director of a recently created interdisciplinary institute on space research at McGill. Awarded by the Canada Council for the Arts, the Killams recognize outstanding scholarship and are each worth \$100,000.



1930s

- DUDLEY ROBERT TAYLOR**, BEng'37,  
at Vancouver, B.C., on December 9, 2014.
- SYDNEY FRIEDMAN**, BA'38, MDCM'40, MSc'41, PhD'46,  
at Vancouver, B.C., on February 16, 2015.
- MARGARET E. (GURNHAM) LAMB**, BA'38,  
at Montreal, on December 31, 2014.
- KATHERINE STEVENSON HOWARD**, BA'39,  
at Cowansville, Que., on January 7, 2015.
- CATHERINE CHARD WISNICKI**, BA'39, BArch'43, DSc'96,  
at Naramata, B.C., on October 21, 2014.

1940s

- JAMES WILLIAM FITZPATRICK**, BCom'40, CA'41,  
at Oakville, Ont., on September 6, 2014.
- DORA FRIEDLANDER**, BA'40,  
at Mississauga, Ont., on January 17, 2014.
- PEARL RUTH SUMMERS**, BA'41,  
at Montreal, on June 3, 2014.
- MAURICE LANGLOIS**, BCL'43,  
at Quebec City, on June 6, 2014.
- JOHN HOWARD WATSON**, BA'43, BCL'49,  
at Ottawa, on June 3, 2014.
- JOY MARGARET MACLAREN**, BSc(HEc)'44, LLD'00,  
at Ottawa, on November 19, 2014.
- JOAN SOMERVILLE CROSS**, BA'45,  
at Calgary, Alta., on December 14, 2014.
- ARTHUR MACKEY**, BSc(Agr)'45, MDCM'52,  
in Ontario, on January 3, 2015.
- CATHERINE ROBBINS**, BSc(HEc)'45,  
at Fredericton, N.B., on January 16, 2015.
- GORDON B. CLARKE**, BCom'46,  
at Ottawa, on November 10, 2014.
- HELEN LAZAR**, BA'46,  
at Montreal, on June 17, 2013.
- ROBERT BRODRICK**, MDCM'47,  
at Montreal, on February 22, 2015.
- L. GERALD BURSEY**, BA'48,  
at Boston, Mass., on July 2, 2014.
- CAROL GRAHAM**, BA'48,  
at Deep River, Ont., on March 3, 2015.
- GEORGE F. KIPKIE**, MSc'48,  
at Mississauga, Ont., on March 12, 2015.
- MARILYN LEMIEUX**, BArch'48,  
at Toronto, on November 20, 2014.

- C. GORDON LINDSAY**, BEng'48,  
at Abbotsford, B.C., on October 29, 2014.
- KENT NEWMAN RICHARDSON**, BEng'48,  
at Barrie, Ont., on December 27, 2014.
- MURRAY ROBINSON**, BSc'48, at Montreal,  
on October 30, 2014.
- JAMES TERENCE ROGERS**, BEng'48, MEng'50, PhD'53,  
at Ottawa, on November 25, 2014.
- ANITA DORFMAN**, BA'49, at Montreal,  
on February 28, 2015.
- FOSTER CLARENCE FISHER**, BEng'49,  
at Charlottetown, PEI, on April 28, 2014.
- WILLIAM G. GILLESPIE**, BSc'49,  
at Saint John, N.B., on July 22, 2014.
- CHARLES EMERSON HUBLEY**, PhD'49,  
at Ottawa, on November 1, 2014.
- THOMAS JOSEPH KEEFE**, BSc(Agr)'49, MSc'51,  
at Etobicoke, Ont., on July 24, 2104.
- JOSEPH GERALD MALONE**, BCom'49, DipMan'69,  
at London, Ont., on November 1, 2014.
- JACK LAURANCE NEAL**, BSc'49, PhD'69,  
at Montreal, on February 4, 2015.

1950s

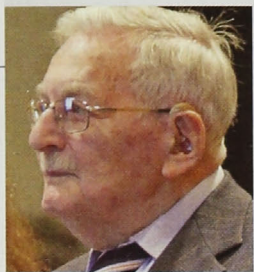
- BRUCE CHISHOLM**, BEng'50,  
at Dollard-des-Ormeaux, Que., on March 21, 2015.
- CHARLOTTE ALEXANDRA NELSON COWIE**, BSc'50,  
at Victoria, B.C., on February 22, 2015.
- NATHAN KALICHMAN**, BA'50,  
at Montreal, on January 7, 2014.
- THORNTON B. LOUNSBURY**, BEng'50, DipM&BA'55,  
at Mississauga, Ont., on January 1, 2015.
- KENNETH C. MACKAY**, BCL'50, MCL'51,  
at Montreal, on December 5, 2014.
- JOHN LESLIE PERRY**, BCom'50,  
at Montreal, on December 29, 2014.



**MICHELLE TISSEYRE**, BA'06, might have taken the longest student sabbatical in McGill history. She began her undergraduate degree in Italian studies in 1936 — and completed it 70 years later. In between, she was a trailblazer in Quebec television and the first woman to anchor Radio-Canada's *Grand Journal* telecast. She also hosted Canada's first TV talk show, *Rendez-vous*

*avec Michelle*, and Quebec's first large-scale variety show, *Music-Hall*. She died in Montreal on December 21, 2014.





A pioneer in biochemical psychiatry, **THEODORE SOURKES**, BSc'39, MSc'46, published hundreds of research papers over the course of his remarkable McGill career. The Prix du Québec recipient is best remembered as one of the first scientists whose work paved the way for the use of L-DOPA replacement therapy to relieve some of the worst symptoms of Parkinson's disease. "It's truly a miraculous therapy," University of Toronto Parkinson's expert Anthony Lang told the *Globe and Mail*. "Dr. Sourkes was one of the few people in the world who really drove this field at a critical time." Sourkes died on January 17 in Montreal.

PHOTO: OWEN EGAN

**BARBARA ROSS**, BA'50,  
at Chateauguay, Que., on November 5, 2014.

**ESTHER FRAYDA COHEN**, BA'51, BLS'52,  
at Montreal, on September 7, 2014.

**PAUL DELICAET**, BEng'51,  
at Bathurst, N.B., on December 19, 2014.

**FREDA FORD**, DipEd'51,  
at Montreal, on August 7, 2014.

**CHARLES GEORGE HAYWARD**, BEng'51,  
at Montreal, on January 27, 2015.

**HUGH ARTHUR "BUSTER" JONES**, BCom'51,  
at Montreal, on February 4, 2015.

**ERNEST BONAR LINDSAY**, BEng'51,  
at Ottawa, on December 1, 2014.

**ALICE MORGAN**, BA'51,  
at Denver, Col., on June 2, 2014.

**SALVATORE PAOLELLA**, BA'51,  
at Lakewood, N.J., on November 27, 2014.

**TREVOR WILLIAM PILLEY**, BSc'51,  
at Vancouver, B.C., on August 29, 2014.

**JANE ISABEL BRENCHLEY TILDEN**, BSc'51,  
at Toronto, on February 28, 2015.

**IMMANUEL BRAVERMAN**, BEng'52,  
at Montreal, on March 6, 2015.

**WILLIAM D. DUKE**, BCom'52  
at Knowlton, Que., on December 11, 2014.

**ANNE L. DUNLOP**, BSc(HEc)'52,  
at Sylmar, Calif., on December 9, 2014.

**BLISS MATHEWS**, BSc(PE)'52,  
at Darmstadt, Germany, on April 20, 2015.

**HELEN MCLEISH**, BA'52,  
at Niagara-on-the-Lake, Ont., on January 21, 2015.

**JOSEPH MERGL**, BSc'52, DDS'54,  
at Ottawa, on June 2, 2014.

**SHEROLD FISHMAN**, PhD'53,  
in B.C., in April, 2014.

**HAROLD P. GAETZ**, BSc'53, MDCM'58,  
on June 20, 2014.

**NAOMI KAHANE**, BA'53, BLS'55,  
at Montreal, on February 20, 2015.

**FRANK J. PALIN**, BArch'53,  
at Allentown, Penn., on December 16, 2013.

**JOHN WORTH BIRCH**, BCom'54,  
at Sequim, Wash., on November 10, 2014.

**WARREN WOODWORTH**, BCom'54,  
at Montreal, on November 24, 2014.

**ANNA MARIA CIENCIALA**, MA'55,  
at Fort Lauderdale, Fla., on December 24, 2014.

**JOHN C. PICK**, BSc(Agr)'55,  
at Burlington, Ont., on November 18, 2014.

**ARYE BREDAHL**, MEng'56,  
at Regina, Sask., on May 28, 2014.

**JACK W. DONAGHY**, BEng'56,  
at Bath, Ont., on January 3, 2015.

**G. STANLEY GROVES**, BSc(Agr)'56,  
at Montreal, on August 17, 2014.

**HYMAN L. KRAKOW**, BArch'56,  
at Montreal, on January 24, 2015.

**MARGUERITE BLANCHARD GAGNÉ**, MSW'57,  
at St-Sauveur, Que., on August 10, 2014.

**HARRY CITRON**, MDCM'57,  
at Fremont, Calif., on November 24, 2014.

**ROSALIND HUDSON**, BSc'57,  
at West Sussex, England, on January 9, 2015.

**JERRY KUSHNER**, BSc(PE)'57, MSW'59,  
at Vancouver, B.C., on November 2, 2014.

**HERB MCGREW**, MDCM'57,  
at Napa Valley, Calif., on December 13, 2014.

**ELRIE CLIFFORD TUCKER**, BSc'57, MDCM'61,  
at Montreal, on January 15, 2015.

**B. ROBERT BENSON**, BCL'58,  
at Montreal, on December 25, 2014.

**ROSALIE GOLDWATER GENOVESE**, BA'58,  
at Sarasota, Fla., on October 16, 2014.

**DOUGLAS ROBERTSON**, BA'58, BCL'62,  
at Montreal, on December 26, 2014.

**CHARLOTTE LAVIGNE**, Dip(PTH)'59, BSc(PT)'74,  
at Niagara, Ont., on August 27, 2014.

**JOHN D. TOLMIE**, MDCM'59,  
at Mooresville, N.C., on March 22, 2015.



1960s

**REGINALD PATERSON**, BEng'60,  
at Thornhill, Ont., on November 16, 2014.

**RAYMOND AYOUP**, BCL'61,  
at Montreal, on June 12, 2014.

**DAVID GOLDENBLATT**, BA'61, BCL'64,  
at Kiryat Ono, Israel, on January 1, 2015.

**JUDITH MARGARET FRASER**, BA'62,  
at Lantzville, B.C., on October 28, 2014.

**DOUGLAS EDGAR ANDERSON BLACK**, DDS'63,  
at Kelowna, B.C., on December 22, 2014.

**HENRY CLIFFORD "CLIFF" HATCH**, BA'63,  
at Toronto, on September 23, 2014.

**MARGARET "PEGGY" STEPHENSON**, BN'64,  
at Saint John, N.B., on November 26, 2014.

**PATRICIA LOCKNER INNIS**, MDCM'65,  
at Allentown, Penn., on February 24, 2015.

**ISAAC JESION**, BSc'65,  
at Montreal, on November 19, 2014.

**DAVID BELMAN**, MDCM'66,  
at West Hartford, Conn., on November 30, 2014.

**JAMES A. HARRINGTON**, BA'66,  
at Kalamazoo, Mich., on March 17, 2015.

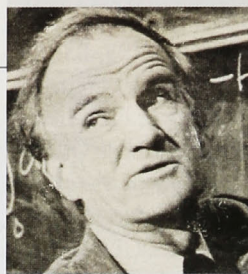
**WILLIAM O. JOHNSTON**, BSc'66,  
at Toronto, Ont., on March 5, 2015.

**DIETER LOERICK**, MBA'66,  
at Montreal, on February 18, 2015.

**RONALD CAPE**, PhD'67,  
at San Francisco, Calif., on January 3, 2015.

**PETER PRAAMSMA**, BD'67,  
at Cornwall, Ont., on November 5, 2014.

**BRENDAN V. BOYLAN**, MSc'68, PhD'74,  
at Dublin, Ireland, on July 7, 2013.



**VAL FITCH**, BEng'48, DSc'87, said that he enjoyed pursuing research in physics because of "the delights of unexpected results." Case in point: a startling finding he presented with colleague James Cronin in 1964 that radically reshaped how scientists viewed the relationship between matter and anti-matter.

Though fellow physicists were skeptical at first, they came to embrace Fitch and Cronin's work—it helped explain why matter was so much more prevalent than anti-matter in the universe. The research earned Fitch a Nobel Prize in Physics in 1980. The longtime Princeton professor died on February 5.

PHOTO: ASSOCIATED PRESS

**E. HUNTER BRUMWELL**, BComm'68,  
at White Rock, B.C., on February 3, 2015.

**MAURICE PRENDERGAST**, MBA'68,  
at Montreal, on November 6, 2014.

**MICHEL P. SALBAING**, BCom'68,  
at Vero Beach, Fla., on January 2, 2015.

**MANFRED WINTER**, BA'68, MA'71,  
at Moncton, N.B., on April 7, 2014.

**CHARLOTTE CLAIRE MCFETTRIDGE**, BA'69,  
at Richmond, B.C., on May 2, 2015.

1970s

**RACHEL GOLDSTEIN**, BA'70, DipEd'72,  
at Montreal, on January 17, 2015.

**PAUL A. ROLLAND**, BA'71, DPA'78,  
at Montreal, on March 2, 2014.

**DAN HEINO**, BSc'72,  
at Vancouver, B.C., on February 12, 2015.

**MARY ANGELA WELLS**, BSc'72,  
at Ottawa, on February 25, 2015.

**DANIEL F. PHELEN**, MLS'74,  
at Kingston, Ont., on November 5, 2014.

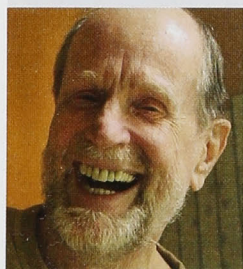
**ALLISON DOUPE**, BSc'75,  
at San Francisco, Calif., on October 24, 2014.

**WALTER BIDLER**, DipMan'76,  
at Montreal, on December 25, 2014.

**LILIANE MOSSERI**, Bed'76,  
at Montreal, on December 9, 2014.

**DONNA LAWSON**, BScN'77,  
at Coquitlam, B.C., on February 11, 2015.

**ELAINE SHATENSTEIN**, BA'77,  
at Montreal, on April 7, 2014.



The student-produced satirical revue *My Fur Lady* was a sensation in the late fifties, touring Canada and playing Stratford. One of the driving forces behind the fabled production was its director, **BRIAN MACDONALD**, BA'54. As a choreographer and director, Macdonald would achieve international acclaim for his work. One of the found-

ing dancers of the National Ballet of Canada, Macdonald later became a Tony Award nominee and the artistic director of both the Royal Swedish Ballet and Les Grands Ballets Canadiens. He won the Governor General's Performing Arts Award for lifetime achievement in 2008. He died in Stratford, Ontario on November 29, 2014.

PHOTO: J.P. NOCZULSKI/CANADIAN PRESS



**DARCEY JAMES**, BA'78,  
at Banner Elk, N.C., on November 29, 2014.

**SABRI SAHIN**, MEng'79,  
at Markham, Ont., on September 23, 2014.

## 1980s

**JOANNE HATCH AGUILLON**, BEd'81,  
at Southbridge, Mass., on May 3, 2015.

**PATRICK VETTER**, BMus'83,  
at Montreal, on February 12, 2015.

**CATHERINE BENNETT**, BA'85,  
at St. Albans, Vt., on September 12, 2014.

**BHAWANI PRASAD PATHAK**, DipEdip&Bio'85,  
at Hamilton, Ont., on January 5, 2015.

**ANN FINDLAY REDFERN**, BA'86,  
at Hudson, Que., on October 19, 2014.

**DAVID FINDLAY MACDONALD**, BA'88,  
at Westmount, Que., in September, 2014.

**FRANK WIEMER**, BCom'88,  
at Montreal, on January 5, 2015.

## 1990s

**ANDREW CUTHILL**, MBA'92,  
at Boston, Mass., on November 13, 2014.

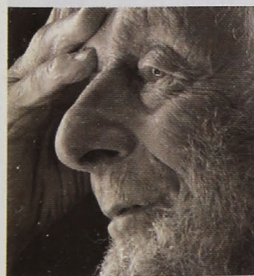
**LINE BOULET**, BSc(Agr)'93,  
at Saint-Herménégilde, Que., on December 15, 2014.

## 2000s

**AGUS NURYATNO**, MA'00, PhD'06,  
in Japan, on December 16, 2014.

**DAVIN ANDREW KNUUTILA**, BEng'02, MEng'09,  
at Montreal, on December 15, 2014.

**HAROLD PENNER**, PhD'09,  
at Winnipeg, Man., on March 10, 2014.



In the early fifties, young McGill genetics expert **F. CLARKE FRASER**, MSc'41, PhD'45, MDCM'50, DSc'10, played a pivotal role in establishing teratogenetics, a new discipline that looked at how genetic and environmental factors influenced birth defects. He was also an early pioneer in the field of genetic counselling, an area where his natural

warmth was just as essential as his scientific expertise. His work on the genetics of cleft palate would also prove to be highly influential. For these and other contributions, he was inducted into the Canadian Medical Hall of Fame in 2012. He died in Montreal on December 17, 2014.

TIM WILSON

## FACULTY / STAFF / GOVERNORS

**RALPH BAROLET**, BEng'54, former dean of dentistry,  
at Montreal, on March 22, 2015.

**DOUGLAS T. BOURKE**, BEng'49, emeritus governor,  
at Montreal, on December 20, 2014.

**MARCEL J. COUTURE**, DipAgr'65, BSc(Agr)'72,  
former associate dean, Macdonald Campus,  
at Saint-Lazare, Que., on October 19, 2014.

**GERALD W. FARNELL**, PhD'57,  
former dean of engineering,  
at Montreal, on April 30, 2015.

**ROBERT ROY FORSEY**, former chief of  
dermatology, Montreal General Hospital,  
at Montreal, on January 13, 2015.

**THOMAS FRANCOEUR**, professor emeritus,  
Faculty of Education, at Montreal,  
on November 29, 2014.

**RUBEN HEBERTO-GHEZZO**, MSc'72, PhD'83,  
epidemiologist/statistician, Meakins-Christie Laboratory,  
at Montreal, on March 21, 2015.

**LEON KATZ**, BEng'50, former biomedical engineer,  
Montreal Neurological Institute,  
at Ottawa, on January 9, 2015.

**LLOYD DOUGLAS MACLEAN**, DSc'90,  
former chair, Department of Surgery,  
at Montreal, on January 14, 2015.

**MARY LOUISA MCDUGALL**,  
retired administrator, Registrar's Office,  
at Beaconsfield, Que., on March 2, 2015.

**MARION MCLAREN**, BA'49, BLS'50, MLS'77,  
librarian, McLennan Library, at Lachine, Que.,  
on December 4, 2014.

**SAMUEL NOUMOFF**, professor emeritus,  
Department of Political Science, at Montreal,  
on November 26, 2014.

**KATHLEEN ROWAT**, former acting director,  
School of Nursing, at Ottawa, on February 16, 2015.

**JOHN SOUTHIN**, retired professor of biology,  
at Brockville, Ont., on December 29, 2014.

**ROBERT W. STEVENSON**, BA'49, BD'61,  
former dean of students, at Montreal, on December 21, 2014.

**DAYA RAM VARMA**, PhD'61, professor emeritus,  
Department of Pharmacology and Therapeutics,  
at St. John's, Nfld., on March 22, 2015.





## IN THE **SWIM** OF THINGS

Economics and political science student Giulia Di Duca, seen here greeting a young pupil, is a volunteer swimming instructor with Making Waves, a national organization that originated as a McGill student group. Making Waves offers inexpensive one-on-one swimming lessons to children with disabilities. As former instructors complete their McGill degrees and move on, many take Making Waves with them, creating new chapters in the cities they settle in. Today, Making Waves boasts 13 chapters across Canada.

OWEN EGAN



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No purchase necessary. Contest open to Canadian residents who are the age of majority in their province or territory of residence as of the contest start date. Approximate value of each prize is \$1,000 Canadian. Chances of winning depend on the number of valid entries received by the contest deadline. Contest closes Thursday, December 3, 2015, at 11:59 p.m. ET. Only one entry per person accepted. Skill testing question required.





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