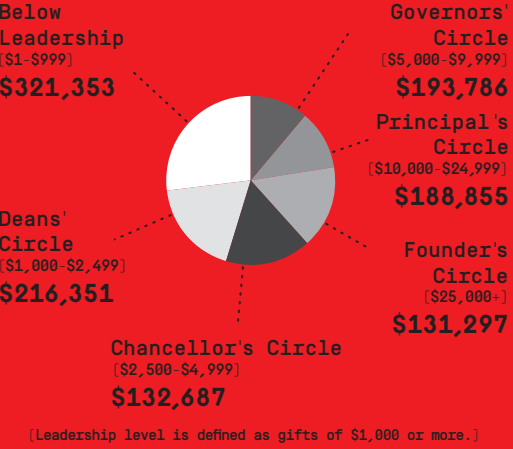


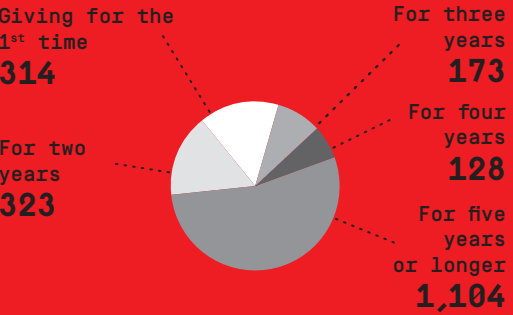
IMPACT OF ANNUAL GIVING 2018

THE MCGILL FUND:
MAKING A DIFFERENCE

Your gifts to the McGill Fund for the Faculty of Engineering add up...



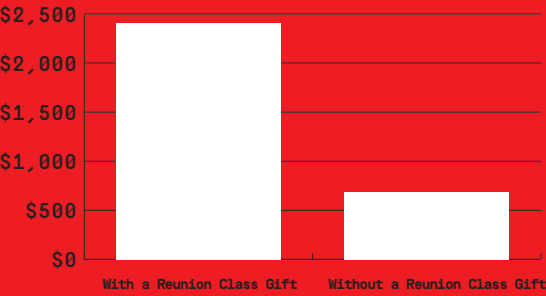
...and your loyalty enables us



REUNION CLASS GIVING

Classes that have organized reunion class gifts result in higher participation, more leadership gifts, and greater support for the Faculty. The chart below compares classes with RCGs to classes without.

Annual donation amount average [for Pentad* years ending in 2 and 7]



Reunion Class Giving programs allow alumni to commemorate their graduation by making a collective gift to the Faculty. The Faculty of Engineering has created a new position to coordinate this activity: Reunion Class Giving Officer. If your class has not yet organized a gift but would like to, or if you require assistance with an existing gift, please contact Mr. Omri Bassewitch-Frenkel [PhDArts '17]: (514-398-2447, omri.bassewitchfrenkel@mcgill.ca).

* Pentad years refer to classes celebrating a reunion in a five-year reunion cycle. If the graduating year was 1990, reunions will start in 1995 and will then re-occur every year ending in 5 or 0, e.g., 2000, 2005, 2010, etc.

MESSAGE FROM FACULTY ADVANCEMENT BOARD MEMBER



When I entered McGill in 1965 my parents discouraged me from going to architecture school because they didn't understand that women could aspire to a challenging career. After one term studying mathematics, I went to see Professor Derek Drummond in the School of Architecture. He enthusiastically encouraged me to apply for a transfer the following year.

Architecture School was, and still is, very demanding but I flourished by studying what truly interested me. The school gave me a thorough foundation in the design process, tectonics, and architectural history. We students worked long hours together on campus and I learned as much from these talented people as I did from my professors. They opened my eyes to the wider world of architecture and gave me the confidence to attend graduate school at University College London.

My education prepared me to be a valued member of architectural firms in London and Montreal. After working on the facilities for the Olympic Games in 1976, I moved to New York and was hired to help prepare New York City's bid for the 1984 Olympics. Today, I am proud to be a founding principal of one of the largest architectural firms in the United States. Thank you, Professor Drummond!

In 2015 I was pleased to become a member of the Faculty Advancement Board and reconnect to the place where my career started. This has allowed me to understand the way the McGill Fund can make possible programs that provide students with additional resources outside the classroom. I am particularly interested in the ways McGill can provide leadership training to prepare students for careers solving complex social and infrastructure problems. I have also had opportunities to participate in reviews at the School of Architecture and see the work of the extremely talented students who are attracted to McGill.

As we look at the world today, it is clear that diversity remains a crucial topic, not just for the Faculty, but for all society. That's why alumni support for the McGill fund is so important. It provides the Faculty the capacity to respond to these issues in ways that other funding streams cannot. And it can make a huge difference in the lives of students – male and female – which you will read about in this report. Thank you for your contribution. Thank you for making a difference.

Mary-Jean Eastman

Mary-Jean Eastman [BArch '71]

EVERYONE HAS A STORY

Recent graduates Sébastien Hylands and Katherine Dewar try every year to support their alma mater, either through their time or with a donation. Why do they feel it's important to give? The dynamic couple have powerful memories of their time at McGill, and some of them span several generations.

In 2008, Sébastien Hylands (BEng'11) had a choice to make. Fully bilingual, he could decide to enroll in the engineering program at a top francophone university l'École Polytechnique or choose the renowned Faculty of Engineering at McGill University, his parents' alma mater. It was a tough decision: they were both excellent schools. But Hylands remembers his decision was cemented on a spring day when he made an impromptu visit to the Faculty administration office in the Macdonald Building. A now-retired administrative assistant, Lisa Lapka, seeing the graduate of Collège Jean-de-Brébeuf in need of information, dropped what she was doing and took him on a full two-hour tour of the facilities.

"I had gone in there basically unannounced, just to see if I could get a sense of what the Faculty was like," Hylands remembers. "Lisa took me around, meeting teachers, going into labs, seeing the club rooms—we went through the entire Faculty. After that, it was decided for me. I think almost everyone has a story of



Sébastien Hylands and Katherine Dewar make it a point to contribute to the Faculty of Engineering each year.

DARIA MARCHENKO

McGill like this. Everyone is proud to be with the school. That's something we need to cherish, protect, and help to grow."

For Hylands and wife Katherine Dewar (BCom'13), Montreal natives who both share Québécois and anglophone ancestry, their sentimental ties to McGill are sewn into their family stories. Hylands is the third generation of McGill graduates: his grandfather, Hugh Hylands, came out of Science in 1945, his father Richard graduated in 1980 with a degree in Commerce, his mother has a degree in Economics (awarded in 1981) and his brother left only a few years back with a Bachelor's of Medicine. Katherine Dewar's father, Rob Dewar (MEng'88), and mother Julie Lemieux (BEng'88) also graduated from the Faculty. Dewar remembers how much their time at the Faculty of Engineering meant to them.

"On my first day at McGill, my father insisted on bringing me to school. He dropped me at the Roddick Gates on Sherbrooke. I remember him saying to me as I left, "OK, kiddo, have fun!" What I didn't know was that, after I was gone, he sat on a bench outside the gates for hours, remembering his good times at McGill—which is remarkable because my Dad's a pretty busy guy!"

Although Dewar did not graduate from the Faculty of Engineering (she transferred to Commerce in 2011), her sojourn among the engineers would mark her in many ways. Not insignificantly, Dewar and Hylands met at one of the Faculty's design teams, the Baja Racing team, where Hylands was captain from 2009 to

2011. Of all her time at the Faculty, it's the Baja Racing that gave her the strongest memories.

"The Faculty is great at providing clubs to allow you to learn and experience outside the classroom. It really widens your horizons," Dewar says. "I am grateful to the Baja racing club because it helped me to figure out what I wanted to do with my career. I realized I wasn't a person for technical details," she says with a smile.

The Dewar-Hylands duo have racked up some impressive professional credentials since leaving the Faculty. After completing his MBA, Hylands found his home at his father's real estate development business, Kevric, while Dewar is working in the infrastructure investment team at international pension fund manager, PSP Investments. But every year, when it comes time to think about what to make of the year, they find a way of supporting their alma mater.

"We want to give back to a place that we value and believe in," explains Dewar. "If you can provide a better education in your own backyard, that's a nice way of making a difference. McGill has meaning in our lives, and in our parents' lives."

Hylands concurs. "When you are studying at McGill, you don't realize how important the institution actually is. But the downtown location, the four seasons, the education, the social life—all universities dream of offering this to their students but not many have it. It is something we need to be very proud of as Montrealers. McGill is one of our emblems." ♥



Ella Reifsnyder's experience on the MFE Team helped define her interest in engineering

DARIA MARCHENKO

ELLA AND THE EV

The experiential learning skills derived from the McGill Formula Electric team have helped Ella Reifsnyder find her true calling as an engineer

Ella Reifsnyder (BEng'20) gritted her teeth as the race car was rolled under the rain testing bay at the Formula North competition in Barrie, Ontario. She was there with the McGill Formula Electric (MFE) team, and it was the second time their car was being subjected to this much-dreaded trial. The car must stay running under a simulated rainstorm for two minutes and then stay operational for two more minutes after the taps are shut. Their vehicle had shorted out during the same test the previous day. Ella and her team spent the night readying their car for a second try; failure meant elimination from the competition. And now, as nearly twenty engineering students looked on, the car was drenched again. It was still running when

the officials closed the taps. "Please don't turn off, please don't turn off," was Ella's only thought for the next two minutes. After what seemed like an eternity, it was still running.

Competitions like these have their white-knuckle moments, but this is what makes Ella tick: deadlines, teamwork, debugging a problem. The MFE team has shaped her passion for applied sciences and transformed her career goals. The team is a group of as many as 220 students from across the Faculty, all dedicated to designing, constructing and racing an electric vehicle. In 2017, the team merged with the older McGill Racing team, which ran its car on a traditional gasoline-powered engine. But as sponsor interest in Internal Combustion engine cars dwindled away, the two teams blended operations. Electric cars are here to stay it seems.

Stage-Gate Design

Ella arrived in Montreal in September 2016 from the idyllic town of Chapel Hill, North Carolina. She had an interest in biology, the result of a three-year course on biomedical science she took at East Chapel Hill High School. A flurry of summer jobs as a research assistant solidified her scientific rigour. With her credentials, she opted for bioengineering at the Faculty. Now entering her third year, the composed and articulate young student has recognized that pure research might not be her passion: her true

interest, she realized, is to put research into action. It was the MFE that brought her to this understanding. Currently in her second year with the team, Ella attributes this transformation to the 'Stage-Gate Process,' a phased project management technique that requires the team to pass through clearly defined decision-making 'gates.'

"I learned a lot about working in a team in a large project where every decision impacts somebody else," Ella says, during a break from prepping MFE19 for its next competition in Lincoln, Nebraska. "Everyone is assigned to a specific subgroup within the larger project, and these subgroups have to communicate together through a very detailed and structured design process."

Research in Action

The systematic approach is a tangible skillset that Ella brings to projects in her own field of study. In the spring of 2018 she led a project for the 'Biodesign Challenge,' an annual inter-university competition that offers art and design students the chance to dream up future applications of biotechnology.

Under her leadership, Ella's team developed ecological sunscreen pods with a unique coating that replaced plastic packaging. The fact that she was quickly and easily able to manage a diverse team of people she had never met before came as a bit of a surprise – she never considered herself to be an outgoing person before.

"I learned from my experience with the MFE how to run these meetings, so I could basically walk into that room and after one meeting I could organize 15 students to come up with ideas."

Ultimately, however, Ella has come to understand she wants to work on more complex projects than sunscreen. She has become a bit 'addicted' to the types of challenges she has found on the MFE. In fact, she has been chosen to be co-captain of the team next year. Looking ahead to life after graduation, she is seeking similar opportunities in her field of study.

"There is this company in Montreal that builds medical devices in the same way that MFE builds its cars: researchers hand the company an idea and engineers then design and create a prototype for them," she explained. "This I find more interesting. Not the brute research, but how to create something that can actually have an impact. This is this is what I want to do."

Ella's story is an example of how your gift can impact the lives of students. Your generous donation to the McGill Fund helps our students become tomorrow's leaders. ♥

A LITTLE FRIENDLY COMPETITION

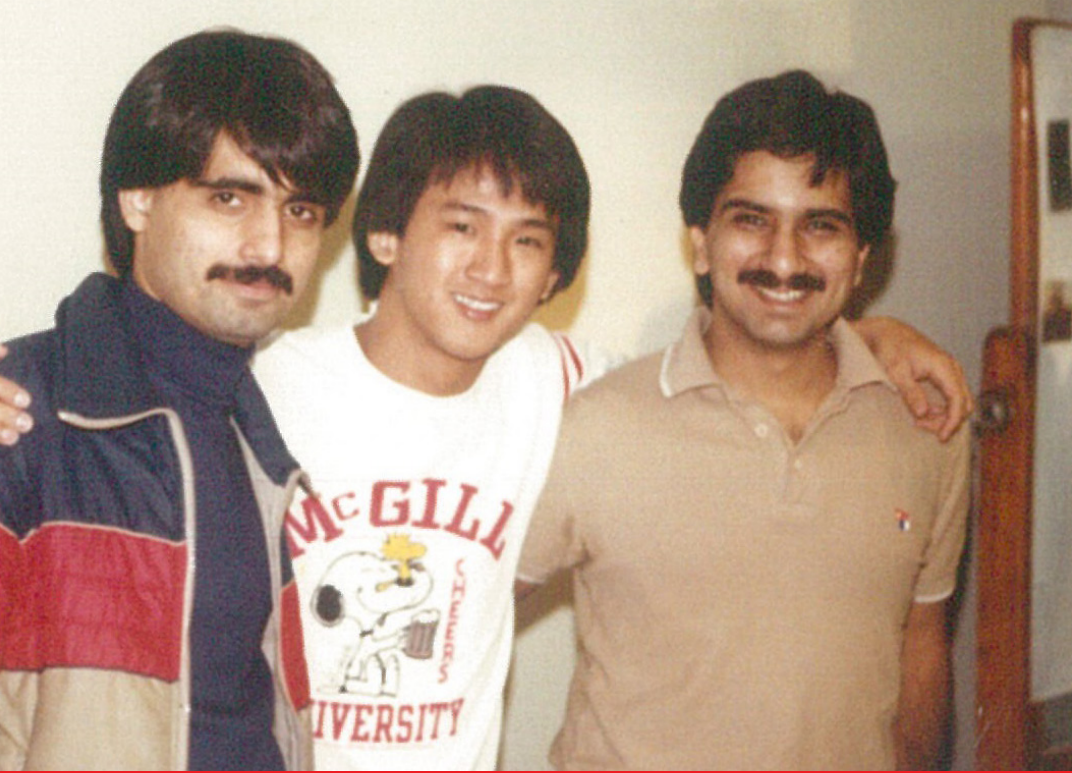
When the Class of '83 decided to go for a fundraising record, they found support from faraway friends, some of whom have spread far and wide, living in all four corners of the globe. But no matter where their careers may have taken them, they all share a feeling that their years at McGill had a profound effect on their lives—something they are eager to share with the next generation of students.

In 2008, the Class of '83 held their 25th reunion and to cap off their silver anniversary, Filip "Fil" Papich (BEng '83) felt they had to set their sights on a big target. The biggest, in fact: they would beat the largest class gift ever, a title held by the Class of '62.

Ever since their student days, Fil was a leader. He had been president of the Engineering Undergraduate Society, and had also been at the centre of numerous activities: flag football, scavenger hunts, or blood donation drives, to name a few. But to kick off this latest challenge, he knew he couldn't do it alone. He needed an anchorman. And he found one in his old Mechanical Engineering classmate Sultan Ali Allana (BEng '83).

Sultan arrived in Montreal from his native Pakistan in 1978 and during his five years at McGill University, he returned only once to his home country, as student life in Montreal provided him with a sense of community and belonging – he eventually met his wife, Sharifa, in Montreal. "McGill was a fun place," recalled Sultan. "We made friends, we laughed, we challenged friends to squash games, we ran races which we never won and we got our iron rings which after 30 years I can't find."

Although he may not have been able to find his iron ring, Sultan found in Fil a ready partner to take up the challenge of topping



Sultan Ali Allana (right) shares a moment with fellow students (from left Salim, Francis Koo) back in the 1980s.

JOHN TING



Sultan Ali Allana



Mr. Sultan Ali Allana [BEng '83, Diploma in management '84]

is a Director of the Aga Khan Fund for Economic Development and oversees their investments in banking, insurance and aviation. A career banking professional, he is also Chairman of Habib Bank Limited, Pakistan's largest bank. He is the proud father of two children [one of whom is also a McGill graduate], and is a passionate collector and advocate for the arts. "Art is an expression of human thoughts which liberates the usual dogmas that constrain human progress," he said.

BAND OF BROTHERS

Sir William Dawson College, a temporary school set up for WWII vets in the late 1940s, is a short-lived and little-known passage in McGill University’s history. But for alumni from the Faculty of Engineering’s Class of 1953, it was the gateway to their studies and the start to 70-year-long friendships.

The cots and kitchen crockery were still rolling through the gates on September 26, 1945 at Sir William Dawson College, the satellite school for McGill University that had been hastily carved out of a decommissioned air force training school at St. Johns, Quebec (now St-Jean-sur-Richelieu). McGill University Principal F. Cyril James had been given only two weeks to get the school operational for the academic year, and now, on that cool September day in front of rows of soldiers’ barracks, an assembly of academics and military personnel shared the field for the lowering of the Royal Canadian Air Force ensign and the raising of the McGill flag. Built to accommodate the rapid influx of young veterans returning from the Second World War, during its brief five-year existence this temporary campus would be home to some 5,000 young men eager to restart their lives.

Not all the students were veterans. In the rank and file at the College were a smattering of boys fresh from the halls of Montreal’s high schools. Among them were Jacques Dubuc (BEng’53), Jack Wolofsky (BEng’53) and Lawrence (Lawrie) Jackson (BEng’53)—three young students who would go on to join the McGill Faculty of Engineering’s Class of 1953, and who would form friendships that would endure for seven decades.

“The whole history of our class goes back to that time at Dawson,” remembers Jackson. “Jim Coke, Jake Daccord, Jacques Dubuc, Jack Wolofsky—we were a core group of students that started at the College and went on to the Faculty of Engineering when the school closed in 1950.”



Post-war students at Dawson College.

McGILL UNIVERSITY ARCHIVES

It was perhaps due to the spartan conditions, or the ad hoc feel of their education, but a spirit of optimism, camaraderie (and a bit of tomfoolery) took hold at Dawson. Spontaneous piano playing that would spiral into all-night parties, legendary water fights, floor hockey mayhem – Dawson was a bit unchained.

“At Dawson we lived together, ate together, studied together and played together,” Wolofsky reminisces. “It was not just about coming to class in Dawson Hall, it was about sharing an experience. It built a certain collegiality.”

That collegiality would only grow during their years on the main campus at the Faculty of Engineering, when those Dawson students mingled with the rest of the cohort from the Class of 1953 who came from schools such as Loyola College. It was a spirit that would continue afterwards for six decades and counting.

Jackson and Dubuc are currently the core committee that is preparing for the Class’ 65th reunion in October 2018—that’s seven decades of reuniting every five years to relive memories... and create new ones. Mount Steven Club, Chateau Montebello, the Ritz Carlton, Bonaventure, *Auberge des falaises* in Charlevoix—few classes have brought together so many of their members over so many years. And these high-quality locales were also instrumental in facilitating the bond among the alumni of the Class of 1953 who had not had the Dawson experience.

On their 50th anniversary in 2003 the class began fundraising for the Faculty. Over the years, these funds have snowballed to over \$400,000 dedicated to undergraduate scholarships and SURE research awards. It’s the kind of success that earned them the *D. Lorne Gales Award* in recognition of their commitment to create a legacy for the class. This philanthropic effort was spearheaded by a core of four members: Guy Champagne and Michael Tucker, along with Wolofsky and Jackson.

“I give to the Faculty because I want the students there to feel a responsibility to McGill, to remember that McGill started them off,” says Wolofsky. “I hate to think that students would leave the Faculty without something that binds them.”

“Our reputation has been tied up with McGill,” adds Jackson. “It’s a matter of pride for us that the university has flourished, and we want to support that.”

Their reunions are all the more significant given the advanced age of their class. (“Our *in memoriam* list may soon be longer than our class members list,” said Dubuc). Some dear friends like Doug Pollock who have been instrumental to the success of the reunions have passed on, but nonetheless an impressive 15 classmates and 10 guests will be returning in October 2018 to celebrate their 65th. It’s a class spirit that never left them, and never will. ♥

The Class of ‘53 have organized Reunion Class Gifts on several occasions. Thank you to all class members for your dedication and generosity.

Number of Reunion gifts: 3 [55th, 60th and 65th]

Total gifts: \$422,832

MAKING A BEQUEST TO THE FACULTY



It would be hard to find a more enthusiastic advocate of higher education than Professor Mahesh Sharma (DipEng’68, MEng’72, DipMan’74, MBA’76). Sharma immigrated to Canada from India in 1966, and took Master’s degrees in Engineering and the Desautels

Faculty of Management, in addition to two diplomas. But on June 23, 1985, his life was dealt a devastating blow: His wife Uma, and daughters, Sandhya and Swati, perished in the bombing of Air India flight 182.

In honour of his family’s memory Sharma established a legacy gift to fund a student award in Desautels named for his daughters, and another award in Engineering, in his and his wife’s name.

“Education is the best thing in life, and McGill meant a lot to my wife and my daughters,” he said. “So giving back to the University in their name is the best donation I can make.”

Legacy gifts are an important part of McGill’s future and there are many ways to contribute. For example, the endowed Dean’s Legacy Fund is an opportunity for McGill Fund donors to perpetuate their support. The fund makes the Faculty more agile, and fosters new discoveries that lead to exceptional student and research experience. By contributing an endowed gift through an estate plan, the legacy of an annual gift can continue to benefit the Dean’s greatest priorities well into the future.

The following table outlines the amount of endowed funds to perpetuate various levels of annual gifts.

If the annual gift totals:	It can be perpetuated with a bequest of:
\$200	\$5,000
\$500	\$12,500
\$1,000	\$25,000
\$5,000	\$125,000
\$10,000	\$250,000

Endowed interest calculated at a rate of 4%. For more information on making a planned gift, please contact plannedgifts.dev@mcgill.ca

THANK YOU.

"Education is not a form of entertainment, but a means of empowering people to take control of their lives."

-ANONYMOUS

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