

= McGill University =

McGill University is an English @-@ language public research university in Montreal , Canada . It was officially founded by royal charter issued by King George IV in 1821 . The University bears the name of James McGill , a prominent Montreal merchant from Scotland whose bequest in 1813 formed the university 's precursor , McGill College .

McGill 's main campus is set at the foot of Mount Royal in Downtown Montreal , with the second campus situated near fields and forested lands in Sainte @-@ Anne @-@ de @-@ Bellevue , also on the Montreal Island , 30 kilometres ( 18 miles ) west of the main campus . All the academic units are organized into 11 main Faculties and Schools . The University is one of two members of the Association of American Universities located outside the United States , and it is the only Canadian university member of the Global University Leaders Forum ( GULF ) , within the World Economic Forum , which is made up of 26 of the world 's top universities .

McGill offers degrees and diplomas in over 300 fields of study , with the highest average admission grade of any Canadian university . Most students are enrolled in the five larger Faculties , namely Arts , Science , Medicine , Engineering , and Management . Tuition fees vary significantly between in @-@ province , out @-@ of @-@ province , and international students , as well as between faculties . Scholarships are generous , yet highly competitive and relatively difficult to attain , compared to other institutions of higher learning in the country .

McGill counts among its alumni 12 Nobel laureates and 140 Rhodes Scholars , both the most in the country , as well as three astronauts , three Canadian prime ministers , thirteen justices of the Canadian Supreme Court , four foreign leaders , 28 foreign ambassadors , nine Academy Award winners , eleven Grammy Award winners , three Pulitzer Prize winners , and 28 Olympic medalists . Throughout its long history , McGill alumni were instrumental in inventing or initially organizing football , basketball , and ice hockey . McGill University or its alumni also founded several major universities and colleges , including the Universities of British Columbia , Victoria , and Alberta , the Schulich School of Medicine & Dentistry , the Johns Hopkins University School of Medicine , and Dawson College .

= = History = =

= = = Royal Institution for the Advancement of Learning = = =

The Royal Institution for the Advancement of Learning ( RIAL ) was created in 1801 under an Act of the Legislative Assembly of Lower Canada - An Act for the establishment of Free Schools and the Advancement of Learning in this Province .

In 1816 the RIAL was authorized to operate two new Royal Grammar Schools , in Quebec City and in Montreal . This was a turning point for public education in Lower Canada as the schools were created by legislation , the District Public Schools Act of 1807 , which showed the government 's willingness to support the costs of education and even the salary of a schoolmaster . This was an important first step in the creation of nondenominational schools . When James McGill died in 1813 his bequest was administered by the RIAL .

The original two Royal Grammar Schools closed in 1846 and by the mid @-@ 19th century the RIAL lost control of the other 82 grammar schools it had administered . Its sole remaining purpose was to administer the McGill bequest on behalf of the private college . The RIAL continues to exist today ; it is the corporate identity that runs the university and its various constituent bodies , including the former Macdonald College ( now Macdonald Campus ) , the Montreal Neurological Institute and the Royal Victoria College ( the former women 's college turned residence ) . Since the revised Royal Charter of 1852 , The Trustees of the RIAL comprise the Board of Governors of McGill University .

= = = McGill College = = =

James McGill , born in Glasgow , Scotland on 6 October 1744 , was a successful English- and French @-@ speaking merchant in Quebec , having matriculated into Glasgow University in 1756 . Between 1811 and 1813 , he drew up a will leaving his " Burnside estate " , a 19 @-@ hectare ( 47 @-@ acre ) tract of rural land and 10 @,@ 000 pounds to the Royal Institution for the Advancement of Learning .

Upon McGill 's death in December 1813 , the Royal Institution for the Advancement of Learning , established in 1801 by an Act of the Legislative Assembly of Lower Canada , added the establishing of a University pursuant to the conditions of McGill 's will to its original function of administering elementary education in Lower Canada .

As a condition of the bequest , the land and funds had to be used for the establishment of a " University or College , for the purposes of Education and the Advancement of Learning in the said Province . " The will specified that a private , constituent college would be required to bear his name and the school must be established within 10 years of his death ; otherwise the bequest would revert to the heirs of his wife .

On March 31 , 1821 , after protracted legal battles with the Desrivieres family ( the heirs of his wife ) , McGill College received a royal charter from King George IV . The Charter provided that the College should be deemed and taken as a University , with the power of conferring degrees .

= = = University development = = =

= = = = Campus expansions = = = =

Though McGill College received its Royal Charter in 1821 , it was inactive until 1829 when the Montreal Medical Institution , which had been founded in 1823 , became the college 's first academic unit and Canada 's first medical school . The Faculty of Medicine granted its first degree , a Doctor of Medicine and Surgery , in 1833 ; this was also the first medical degree to be awarded in Canada .

The Faculty of Medicine remained the school 's only functioning faculty until 1843 when the Faculty of Arts commenced teaching in the newly constructed Arts Building and East Wing ( Dawson Hall ) . The university also historically has strong linkage with The Canadian Grenadier Guards , a military regiment in which James McGill served as the Lieutenant @-@ Colonel . This title is marked upon the stone that stands before the Arts building , from where the Guards step off annually to commemorate Remembrance Day .

The Faculty of Law was founded in 1848 which is also the oldest of its kind in the nation . 48 years later , the school of architecture at McGill University was founded .

Sir John William Dawson , McGill 's principal from 1855 to 1893 , is often credited with transforming the school into a modern university . He recruited the aid of Montreal 's wealthiest citizens ( eighty percent of Canada 's wealth was then controlled by families who lived within the Golden Square Mile area that surrounded the university ) , many of whom donated property and funding needed to construct the campus buildings . Their names adorn many of the campus 's prominent buildings .

William Spier designed the addition of West Wing of the Arts Building for William Molson , 1861 . Alexander Francis Dunlop designed major alterations to the East Wing of McGill College ( now called the Arts Building , McGill University ) for Prof. Bovey and the Science Dept . , 1888 . This expansion of the campus continued until 1920 . Buildings designed by Andrew Taylor , include the Redpath Museum ( 1880 ) , Macdonald Physics Building ( 1893 ) , the Redpath Library ( 1893 ) , the Macdonald Chemistry Building ( 1896 ) , the Macdonald Engineering Building ( 1907 ) ? now known as the Macdonald @-@ Stewart Library Building , and the Strathcona Medical Building ( 1907 ) ? since renamed the Strathcona Anatomy and Dentistry Building .

In 1900 , the university established the MacLennan Travelling Library . McGill University Waltz composed by Frances C. Robinson , was published in Montréal by W.H. Scroggie , c 1904 .

In 1885 , the university 's Board of Governors formally adopted the use of the name " McGill

University " . In 1905 , the university acquired a second campus when Sir William C. Macdonald , one of the university 's major benefactors , endowed a college in Sainte @-@ Anne @-@ de @-@ Bellevue , 32 kilometres west of Montreal . Macdonald College , now known as the Macdonald Campus , opened to students in 1907 , originally offering programs in agriculture , household science , and teaching .

George Allan Ross designed the Pathology Building , 1922 ? 23 ; the Neurological Institute , 1933 ; Neurological Institute addition 1938 at McGill University . Jean Julien Perrault ( architect ) designed the McTavish Street residence for Charles E. Gravel , which is now called David Thompson House ( 1934 ) .

= = = = Women 's education = = = =

Women 's education at McGill began in 1884 , when Donald Smith , also known as Lord Strathcona , began funding separate lectures for women , given by university staff members . The first degrees granted to women at McGill were conferred in 1888 . In 1899 , the Royal Victoria College ( RVC ) opened as a residential college for women at McGill . Until the 1970s , all female undergraduate students , known as " Donaldas , " were considered to be members of RVC . Beginning in the autumn of 2010 , the newer Tower section of Royal Victoria College is a co @-@ ed dormitory , whereas the older West Wing remains strictly for women . Both the Tower and the West Wing of Royal Victoria College form part of the university 's residence system .

= = = = McGill in the Great War = = = =

McGill University played a meaningful role in the Great War . Many students and alumni enlisted in the first wave of patriotic fervor that swept the nation in 1914 , but in the spring of 1915 ? after the first wave of heavy Canadian casualties at Ypres ? Hamilton Gault , the founder of the Canadian regiment and a wealthy Montreal businessman , was faced with a desperate shortage of troops . When he reached out to his friends at home for support , over two hundred were commissioned from the ranks , and many more would serve as soldiers throughout the war . On their return to Canada after the war , Major George McDonald and Major George Currie formed the accounting firm McDonald Currie , which later became one of the founders of Price Waterhouse Coopers . Captain Percival Molson was killed in action in July 1917 . Percival Molson Memorial Stadium at McGill is named in his honour .

The War Memorial Hall ( more generally known as Memorial Hall ) is a landmark building on the campus of McGill University . At the dedication ceremony the Governor General of Canada ( Harold Alexander , 1st Earl Alexander of Tunis ) laid the cornerstone . Dedicated on October 6 , 1946 , the Memorial Hall and adjoining Memorial Pool honour students who had enlisted and died in the First World War , and in the Second World War . In Memorial Hall , there are two Stained Glass Regimental badge World War I and World War II Memorial Windows by Charles William Kelsey c . 1950 / 1 .

A war memorial window ( 1950 ) by Charles William Kelsey in the McGill War Memorial Hall depicts the figure of St. Michael and the badges of the Navy , Army and the Air Force . A Great War memorial window featuring Saint George and a slain dragon at the entrance to the Blackader @-@ Lauterman Library of Architecture and Art is dedicated to the memory of 23 members of the McGill Chapter of Delta Upsilon who gave their lives in the Great War . Six other windows ( 1951 ) by Charles William Kelsey on the west wall of the memorial hall depict the coats of arms of the regiments in which the McGill alumni were members .

There is a memorial archway at Macdonald College , two additional floors added to the existing Sir Arthur Currie gymnasium , a hockey rink and funding for an annual Memorial Assembly . A Book of Remembrance on a marble table contains the names of those lost in both World Wars . On 11 November 2012 the McGill Remembers web site launched ; the University War Records Office collected documents between 1940 @-@ 1946 related to McGill students , staff and faculty in the Second World War .

== Related institutions ==

McGill was instrumental in founding several major universities and colleges . It established the first post-secondary institutions in British Columbia to provide degree programs to the growing cities of Vancouver and Victoria . It chartered Victoria College in 1903 , an affiliated junior college of McGill . It served as a two-year college offering first and second-year courses in arts and science , until it became today's University of Victoria . British Columbia's first university was incorporated in Vancouver in 1908 as the McGill University College of British Columbia . The private institution granted McGill degrees until it became the independent University of British Columbia in 1915 .

Dawson College began in 1945 as a satellite campus of McGill to absorb the anticipated influx of students after World War II . Many students in their first 3 years in the Faculty of Engineering took courses at Dawson College to relieve the McGill campus for the later two years for their degree course . Dawson eventually became independent of McGill and evolved into the first English CEGEP in Quebec . Another CEGEP , John Abbott College , was established in 1971 at the campus of McGill's Macdonald College .

Both founders of the University of Alberta , Premier Alexander Cameron Rutherford of Alberta and Henry Marshall Tory , were also McGill alumni . In addition , McGill alumni and professors , Dr. William Osler and Dr. Howard Atwood Kelly , were among the four founders and early faculty members of the Johns Hopkins University School of Medicine . Osler eventually became the first Physician-in-Chief of the new Johns Hopkins Hospital in Baltimore , Maryland , USA in 1889 . He led the creation of the Johns Hopkins University School of Medicine in 1893 . Other McGill alumni founded the Schulich School of Medicine & Dentistry in the 1880s .

== Campus ==

=== Downtown campus ===

McGill's main campus is situated in downtown Montreal at the foot of Mount Royal . Most of its buildings are situated in a park-like campus located north of Sherbrooke Street and south of Pine Avenue between Peel and Aylmer streets . The campus also extends west of Peel Street for several blocks , starting north of Doctor Penfield ; the campus also extends east of University Street , starting north of Pine Avenue , an area that includes McGill's Percival Molson Memorial Stadium and the Montreal Neurological Institute and Hospital . The community immediately east of University Street and south of Pine Avenue is known as the McGill Ghetto , where a large number of students reside . The campus is near the Peel and McGill Metro stations . A major downtown boulevard , McGill College Avenue , leads up to the Roddick Gates , the university's formal main entrance . All of the major university buildings were constructed using local grey limestone , which serves as a unifying element .

The university's first classes were held in at Burnside Place , James McGill's country home . Burnside Place remained the sole educational facility until the 1840s , when the school began construction on its first buildings : the central and east wings of the Arts Building . The rest of the campus was essentially a cow pasture , a situation similar to the few other Canadian universities and early American colleges of the age .

The university's athletic facilities , including Molson Stadium , are located on Mount Royal , near the residence halls and the Montreal Neurological Institute . The Gymnasium is named in honour of General Sir Arthur William Currie .

In 2012 , Travel + Leisure rated McGill's campus as one of the 17 most beautiful university campuses in the world .

=== Residence ===

McGill 's residence system houses approximately 3 @, @ 100 undergraduate students and some graduate students . With the exception of students returning as " floor fellows " or " dons " , few McGill students live in residence ( known colloquially as " rez " ) after their first year of undergraduate study , even if they are not from the Montreal area . Most second @-@ year students transition to off @-@ campus apartment housing . Many students settle in the " McGill Ghetto " , the neighbourhood directly to the east of the downtown campus . In recent years , students have begun moving out to other areas such as Mile End , The Plateau , and even as far as Verdun because of rising rent prices .

Many first @-@ year students live in the Bishop Mountain Residences ( " Upper Rez " ) , a series of concrete dormitories on the slope of Mount Royal , consisting of McConnell Hall , Molson Hall , Gardner Hall , and Douglas Hall . McGill 's largest residence is New Residence Hall ( " New Rez " ) , a converted four @-@ star hotel located a few blocks east of campus at Park Avenue and Prince Arthur . Solin Hall , located near Lionel @-@ Groulx station , is McGill 's second largest residence , housing roughly 300 students . Carrefour Sherbrooke Residence Hall was opened in 2009 on 475 Sherbrooke Street West , previously the Four Points Sheraton Hotel . In 2012 , McGill opened La Citadelle , a converted hotel residence housing 286 students located on Sherbrooke Street West at the corner of Hutchinson .

Royal Victoria College , once a women @-@ only dormitory , became co @-@ ed in September 2010 . The college 's original building was designed by Bruce Price and its extension was designed by Percy Erskine Nobbs and George Taylor Hyde . Erected in front of the Royal Victoria College is a statue of Queen Victoria by her daughter Princess Louise , Duchess of Argyll .

Among the McGill Off @-@ Campus Residence Experience buildings are Presbyterian Hall ( " Pres Rez " ) , adjacent to the Presbyterian College , and University Hall ( also known as " Dio " ) , adjacent to the Montreal Diocesan Theological College . Greenbriar Hall houses 89 students . Other buildings included in the McGill Off @-@ Campus Residence Experience are located on Peel Street , University Street , and Pine Avenue .

= = = Macdonald campus = = =

A second campus , the Macdonald Campus , in Sainte @-@ Anne @-@ de @-@ Bellevue houses the Faculty of Agricultural and Environmental Science , the School of Dietetics and Human Nutrition , the Institute of Parasitology , and the McGill School of Environment . The Morgan Arboretum and the J. S. Marshall Radar Observatory are nearby .

The Morgan Arboretum was created in 1945 . It is a 2 @. @ 5 @-@ square @-@ kilometre ( 0 @. @ 965 sq mi ) forested reserve with the aim of ' teaching , research , and public education ' . Its mandated research goals are to continue research related to maintaining the health of the Arboretum plantations and woodlands , to develop new programs related to selecting species adapted to developing environmental conditions and to develop silvicultural practices that preserve and enhance biological diversity in both natural stands and plantations .

= = = McGill University Health Centre redevelopment plan = = =

In 2006 , the Quebec government initiated a \$ 1 @. @ 6 billion LEED redevelopment project for the McGill University Health Centre ( MUHC ) . The project will expand facilities to two separate campuses and consolidate the various hospitals of the MUHC on the site of an old CP rail yard adjacent to the Vendôme Metro station . This site , known as Glen Yards , comprises 170 @, @ 000 square metres ( 1 @, @ 800 @, @ 000 sq ft ) and spans portions of Montreal 's Notre @-@ Dame @-@ de @-@ Grâce neighbourhood and the city of Westmount .

The Glen Yards project has been controversial due to local opposition to the project , environmental issues , and the cost of the project itself . The project , which has received approval from the provincial government , was , in 2003 , expected to be complete by 2010 . The new ' campus ' has now been completed , and a massive effort of moving units from older hospitals , such Royal

Victoria , Montreal Children 's , and Montreal General , into the new McGill University Health Center is underway .

= = = Sustainability = = =

In 2007 , McGill premiered its Office of Sustainability and added a second full @-@ time position in this area , the Director of Sustainability in addition to the Sustainability Officer . Recent efforts in implementing its sustainable development plan include the new Life Sciences Center which was built with LEED @-@ Silver certification and a green roof , as well as an increase in parking rates in January 2008 to fund other sustainability projects . Other student projects include The Flat : Bike Collective , which promotes alternative transportation , and the Farmer 's Market , which occurs during the fall harvest . The Farmer 's Market and many other initiatives came out of student collaboration during the Rethink Conference 2008 .

= = = Other facilities = = =

McGill 's Bellairs Research Institute , located in Saint James , Barbados 13 ° 10 ? N 59 ° 35 ? W , is Canada 's only teaching and research facility in the tropics . The institute has been in use for over 50 years . Its facilities are regularly utilized by the Canadian Space Agency for research .

The laboratories of the Huntsman Marine Science Centre are located in St. Andrews , N.B. , on 300 @,@ 000 square metres ( 3 @,@ 200 @,@ 000 sq ft ) of land at the estuary of the St. Croix River . It hosts the Atlantic Reference Centre , which is known throughout the Maritimes for its extensive marine biology collections . The HMS is a research facility " committed to the advancement of the marine sciences through basic and applied research " and acts as a field facility for research and teaching by McGill and other member universities .

McGill 's Gault Nature Reserve ( 45 ° 32 ? N 73 ° 10 ? W ) spans over 10 square kilometres ( 3 @.@ 9 sq mi ) of forest land , the largest remaining remnant of the primeval forests of the St. Lawrence River Valley . The first scientific studies at the site occurred in 1859 . The site has been the site of extensive research activities : " Today there are over 400 scientific articles , 100 graduate theses , more than 50 government reports and about 30 book chapters that are based on research at Mont St. Hilaire . "

In addition to the McGill University Health Centre , McGill has been directly partnered with many teaching hospitals for decades , and also has a history of collaborating with many hospitals in Montreal . These cooperations allow the university to graduate over 1 @,@ 000 students in health care each year . McGill 's contract @-@ affiliated teaching hospitals include the Montreal Children 's Hospital , the Montreal General Hospital , the Montreal Neurological Hospital , the Montreal Chest Institute and the Royal Victoria Hospital which are all now part of the McGill University Health Centre . Other hospitals that health care students may use include the Jewish General Hospital , the Douglas Hospital and St. Mary 's Hospital Center .

Until the late 19th century , McGill had also owned parkland atop the Westmount Summit , which was used as a botanical garden . In the early twentieth century , McGill donated the land to the City of Westmount on the condition that it become a bird sanctuary .

In 1998 , the Faculty of Management launched their MBA Japan program , the first Canadian degree program offered in Japan , with teaching facilities at Nishi @-@ Shinjuku , Tokyo .

= = Administration and Organization = =

= = = Structure = = =

Schools at the university include the School of Architecture , the School of Computer Science , the School of Information Studies , the School of Dietetics and Human Nutrition , the School of Physical & Occupational Therapy , the Ingram School of Nursing , the School of Social Work , the School of

Urban Planning , and the McGill School of Environment . They also include the Institute of Islamic Studies ( established in 1952 ) which offers graduate courses leading to the M.A. and Ph.D. degrees , and covering the history , culture , and civilization of Islam ; the Institute is also served by one of the richest libraries in North America on Islamic studies .

The Graduate and Postdoctoral Studies ( GPS ) oversees the admission and registration of graduate students ( both master 's and Ph.D. ) . The GPS administers graduate fellowships , postdoctoral affairs , and the graduation process , including the examination of theses . In conjunction with other units , it conducts regular program reviews in all study disciplines .

Founded in 1956 , the McGill Executive Institute provides business seminars and custom executive education to companies , government services and non @-@ profit organizations . Led primarily by McGill faculty , the executive courses and management training programs are designed for all managerial levels , from board members to senior @-@ level executives to junior managers .

= = = University identity and culture = = =

The McGill coat of arms is derived from an armorial device assumed during his lifetime by the founder of the University , James McGill . The University 's patent of arms was granted by the Garter King at Arms in 1922 , registered in 1956 with Lord Lyon King of Arms in Edinburgh , and in 1992 with the Public Register of Arms , Flags and Badges of Canada . In heraldic terms , the coat of arms is described as follows : " Argent three Martlets Gules , on a chief dancette of the second , an open book proper garnished or bearing the legend In Domino Confido in letters Sable between two crowns of the first . Motto : Grandescunt Aucta Labore . " The coat of arms consists of two parts , the shield and the scroll . The University publishes a guide to the use of the University 's arms and motto .

The University 's symbol is the martlet , stemming from the presence of the mythical bird on the official arms of the university . The university 's official colour is scarlet , which figures prominently in the academic dress of McGill University . McGill 's motto is Grandescunt Aucta Labore , Latin for " By work , all things increase and grow " ( literally , " Things grown great increase by work , " that is , things that grow to be great do so by means of work ) . The official school song is entitled " Hail , Alma Mater . "

= = = Finances = = =

As a public university , McGill is not as dependent on its endowment for operating revenue as some of its international peers . The McGill endowment only provides approximately 10 per cent of the school 's annual operating revenues . Nonetheless , McGill 's endowment rests within the top 10 percent of all North American post @-@ secondary institutions ' endowments . While McGill 's conservative investment policy has protected it from the more substantial losses experienced at many other universities during the market crisis of 2008 ? 2009 , it still faced a 20 % endowment decline from approximately \$ 920 million to \$ 740 million . Currently valued at \$ 35 @, @ 851 per student , the university 's endowment is the second largest among Canadian universities on a per @-@ student basis .

McGill launched the Campaign McGill comprehensive campaign in October 2007 , with the goal of raising over \$ 750 million for the purpose of further " attracting and retaining top talent in Quebec , to increase access to quality education and to further enhance McGill 's ability to address critical global problems . " The largest goal of any Canadian university fundraising campaign in history , within the first six months , McGill had accumulated over \$ 400 million towards its efforts . The campaign was officially closed on 18 June 2013 . The university surpassed its initial goal of \$ 750 million and raised more than \$ 1 billion .

= = = Academics = = =

## === Admissions ===

Twenty @-@ two percent of all students are enrolled in the Faculty of Arts , McGill 's largest academic unit . Of the other larger faculties , the Faculty of Science enrolls 15 % , the Faculty of Medicine enrolls 13 % , the Centre for Continuing Education enrolls 12 % , the Faculty of Engineering and the Desautels Faculty of Management enroll about 10 % each . The remainder of all students are enrolled in McGill 's smaller schools , including the Faculty of Agricultural and Environmental Sciences , Faculty of Dentistry , Faculty of Education , Faculty of Law , Schulich School of Music , and the Faculty of Religious Studies . Since the 1880s , McGill has been affiliated with three Theological Colleges ; the Montreal Diocesan Theological College ( Anglican Church of Canada ) , The Presbyterian College , Montreal ( Presbyterian Church in Canada ) , and United Theological College ( United Church of Canada ) . The university 's Faculty of Religious Studies maintains additional affiliations with other theological institutions and organizations , such as the Montreal School of Theology .

In 2015 , McGill had an acceptance rate of 48 @.@ 6 % , accepting 15 @,@ 084 students out of a total of 31 @,@ 008 undergraduate applicants with 6 @,@ 318 students enrolling . McGill students have the highest average entering grade of any Canadian university . Among admitted students , the median Quebec CEGEP R @-@ score was 30 @.@ 0 , while the median grade 12 averages for students entering McGill from outside of Quebec ranged between 92 % and 93 % ( A ) . For American students , the median SAT scores in the verbal , mathematics , and writing sections were 700 , 690 , and 700 respectively , for a combined SAT score of around 2090 ; the median ACT score was 31 .

For law students , the median undergraduate GPA was 85 % ( or 3 @.@ 7 on a 4 @.@ 0 scale ) and the median LSAT score was 163 ( 88.1th percentile ) out of a possible 180 points . For medical students , the median undergraduate GPA was 3 @.@ 8 out of 4 @.@ 0 and the median MCAT score was 32 @.@ 1 . Among the 30 % of applicants admitted to the Desautels Faculty of Management 's MBA program , applicants had , on average , a GMAT score of 665 , an age of 27 , and 49 months of work experience .

## === Teaching and learning ===

In the 2007 ? 2008 school year , McGill offered over 340 academic programs in eleven faculties . The university also offers over 250 doctoral and master 's graduate degree programs . Despite strong increases in university enrollment across North America , McGill has upheld a relatively low and appealing student @-@ faculty ratio of 16 : 1 . There are nearly 1 @,@ 600 tenured or tenure @-@ track professors teaching at the university .

Tuition fees vary significantly between in @-@ province , out @-@ of @-@ province , and international students , with full @-@ time Quebec students paying around \$ 4 @,@ 014 @.@ 82 per year , Canadian students from other provinces paying around \$ 8 @,@ 799 @.@ 82 per year , and international students paying \$ 18 @,@ 267 @.@ 22 ? \$ 41 @,@ 815 @.@ 92 per year . Students must also pay housing costs , though Montreal has some of the least expensive housing among large North American cities .

Since 1996 , McGill , in accordance with the Ministère de l'Éducation , du Loisir et du Sport ( MELS ) , has had eight categories that qualifies certain international students to be excused from paying international fees . These categories include : students from France , a quota of students from select countries which have agreements with MELS , which include Algeria , China , and Morocco , students holding diplomatic status , including their dependents , and students enrolled in certain language programs leading to a degree in French . In the school year 2008 @-@ 2009 , McGill 's graduate business program became funded by tuition , and was the last business school in Canada to do so .

Scholarships at McGill are relatively difficult to attain , compared to other Canadian universities . For out @-@ of @-@ province first year undergraduate students , a high school average of 95 % is required to receive a guaranteed one @-@ year entrance scholarship . To be considered for the



same scholarships , Quebec CEGEP students need a minimum R @-@ score of 35 @.@ 5 , United States high school students need a minimum A average as well as at least 700 in each SAT or 33 in the ACT , and French Baccalaureate students need an average of 15 @.@ 5 plus a minimum score of 14 in each course ; similarly , students in the British education system need As in both GCSE Level and predicted Advanced Level results , and International Baccalaureate students need to attain a minimum overall average of 6 @.@ 9 on predicted grades or a score of 42 on exam results . In general , entrance scholarship recipients rank in the top 1 ? 2 % of their class .

For renewal of previously earned scholarships , students generally need to be within the top 10 % of their faculty . For in @-@ course scholarships in particular , students must be within the top 5 % of their faculty . McGill itself outlines scholarship considerations as follows : " Competition for basic and major scholarships is intense at McGill . An extraordinary number of exceptional applications are received each year and therefore we cannot award scholarships to all good candidates . "

The university has joined Project Hero , a scholarship program cofounded by General ( Ret 'd ) Rick Hillier for the families of fallen Canadian Forces members . McGill is also partnered with the STEM initiative Schulich Leader Scholarships , awarding an \$ 80 @,@ 000 scholarship to an incoming engineering student and a \$ 60 @,@ 000 scholarship to a student pursuing a degree in science / technology / mathematics each year .

= = = Language policy = = =

McGill is one of only three English @-@ language universities in Quebec ; fluency in French is not a requirement to attend . The Faculty of Law does , however , require all students to be " passively bilingual " , meaning that all students must be able to understand written and spoken French ? or English if the student is Francophone ? since English or French may be used at any time in a course . Over 38 @,@ 000 students attend McGill , with international students comprising one @-@ fifth of the student population . Francophone students , whether from Quebec or overseas , now make up approximately 18 percent of the student body .

Although the language of instruction is English , since its founding McGill has allowed students to write their thesis in French , and since 1964 students in all faculties have been able to submit any graded work in either English or French , provided that the objective of the class is not to learn a particular language . The University has a bilingual language policy and charter .

In 1969 , the nationalist McGill français movement demanded that McGill become francophone , pro @-@ nationalist , and pro @-@ worker . The movement was led by Stanley Gray , a political science professor ( and possibly unaware of government plans after the recent ( 1968 ) legislation founding the Université du Québec ) A demonstration was held of 10 @,@ 000 trade unionists , leftist activists , CEGEP students , and even some McGill students , at the university 's Roddick Gates on March 28 , 1969 . Protesters saw English as the privileged language of commerce . McGill , where Francophones comprised only three percent of the students , could be seen as the force maintaining economic control by Anglophones of a predominantly French @-@ speaking province . However , the majority of students and faculty opposed such a position .

= = = Rankings and reputation = = =

As of the 2015 @-@ 2016 school year , McGill was ranked 1st in Canada among all its major / research universities in the Maclean 's 24th annual rankings , maintaining this position for the 11th consecutive year .

Internationally , McGill ranked 24th in the world and 1st in Canada in the 2015 QS World University Rankings . This is the 12th year in a row that QS has ranked McGill in the top 25 of the world ? s universities . It was ranked 38th in the world by the 2015 @-@ 2016 Times Higher Education World University Rankings and 64th in the world by the Academic Ranking of World Universities ( ARWU ) 2015 . Times Higher Education also ranked McGill 21st in the world in its 2015 Global Employability University Rankings . In the 2011 Emerging / Trendence Global Employability Ranking , McGill was ranked the 19th finest in the world , and 1st in Canada , for popularity among major employers . In

the 2008 College Prowler Online rankings for Academics at North American universities , McGill earned an A- for Academics ; making it the only Canadian school to achieve a grade above a B- .

McGill is one of 26 members of the prestigious Global University Leaders Forum ( GULF ) , which acts as an intellectual community within the World Economic Forum to advise its leadership on matters relating to higher education and research . It is the only Canadian university member of GULF .

Since Maclean 's began ranking Canadian law schools in 2007 , it has placed McGill 's law school second overall for the second year in a row . In particular , McGill 's law school ranked first by supreme court clerkships , second by elite firm hiring , third by faculty hiring , fourth by faculty journal citations , and eighth by national reach .

The Globe and Mail 's Canadian University Report awarded McGill top marks in its 2013 annual university survey . McGill received an A + for Employer Reputation , the highest score of any large , medium , or small sized University . Additionally the school received an A for campus technology and city satisfaction .

LinkedIn ranked McGill # 1 for accounting professionals , # 2 for investment bankers , and # 3 for software developers within Canada .

In 2009 , Forbes ranked McGill 's business school , the Desautels Faculty of Management , 11th in the world among non @-@ U.S. universities for its two @-@ year MBA program . The Eduniversal Ranking placed the Desautels Faculty of Management of McGill University first in Canada and 8th in the world among business schools . The Financial Times , in its global MBA ranking , placed Desautels 84th in the world in 2014 and 76th in 2013 . The ranking placed it 55th and 43rd worldwide in the value for money and alumni recommended categories respectively . In BusinessWeek 's Best International B @-@ Schools Of 2008 , Desautels was ranked among the top 16 international business schools , ranking fourth in intellectual capital with a selectivity of 32 % .

Bloomberg BusinessWeek 's 2012 Business Schools Ranking ranked McGill 's Desautels Faculty of Management 10th in the world among non @-@ US business schools , referring to McGill University as " the # 1 university in Canada and among the top 20 worldwide . "

Research Infosource named McGill " Research University of the Year " in its 2003 and 2005 rankings of Canada 's Top 50 Research Universities . In 2007 , Research Infosource ranked McGill the second @-@ best research university in the country . They also ranked McGill University third in Canada in research @-@ intensity and fourth in total @-@ research funding , finding that McGill ranks in the top five universities in terms of research dollars per full @-@ time faculty member and number of refereed publications per full @-@ time faculty member . The study showed that research funding represents approximately \$ 259 @,@ 100 per faculty member , the fourth highest in the country .

McGill was named one of " Canada 's Top 100 Employers " in October 2008 and October 2009 .

The Sustainable Endowments Institute gave McGill a grade of " B " on the 2009 College Sustainability Report Card for its improvements in on @-@ campus environmental sustainability , with only 34 schools earning higher grade .

= = = Research = = =

Research plays a critical role at McGill . McGill is affiliated with 12 Nobel Laureates and professors have won major teaching prizes . According to the Association of Universities and Colleges of Canada , " researchers at McGill are affiliated with about 75 major research centres and networks , and are engaged in an extensive array of research partnerships with other universities , government and industry in Quebec and Canada , throughout North America and in dozens of other countries . " McGill has one of the largest patent portfolios among Canadian universities . McGill 's researchers are supported by the McGill University Library , which comprises 13 branch libraries and holds over six million items .

Since 1926 , McGill has been a member of the Association of American Universities ( AAU ) , an organization of leading research universities in North America . McGill is a founding member of Universitas 21 , an international network of leading research @-@ intensive universities that work

together to expand their global reach and advance their plans for internationalization . McGill is one of 26 members of the prestigious Global University Leaders Forum ( GULF ) , which acts as an intellectual community within the World Economic Forum to advise its leadership on matters relating to higher education and research . It is the only Canadian university member of GULF . McGill is also a member of the U15 , a group of prominent research universities within Canada .

McGill @-@ Queen 's University Press began as McGill in 1963 and amalgamated with Queen 's in 1969 . McGill @-@ Queen 's University Press focuses on Canadian studies and publishes the Canadian Public Administration Series .

McGill is perhaps best recognized for its research and discoveries in the health sciences . William Osler , Wilder Penfield , Donald Hebb , Brenda Milner , and others made significant discoveries in medicine , neuroscience and psychology while working at McGill , many at the University 's Montreal Neurological Institute . The first hormone governing the Immune System ( later christened the Cytokine ' Interleukin @-@ 2 ' ) was discovered at McGill in 1965 by Gordon & McLean .

The invention of the world 's first artificial cell was made by Thomas Chang while an undergraduate student at the university . While chair of physics at McGill , nuclear physicist Ernest Rutherford performed the experiment that led to the discovery of the alpha particle and its function in radioactive decay , which won him the Nobel Prize in Chemistry in 1908 . Alumnus Jack W. Szostak was awarded the 2009 Nobel Prize in medicine for discovering a key mechanism in the genetic operations of cells , an insight that has inspired new lines of research into cancer .

William Chalmers invented Plexiglas while a graduate student at McGill . In computing , MUSIC / SP , software for mainframes once popular among universities and colleges around the world , was developed at McGill . A team also contributed to the development of Archie , a pre @-@ WWW search engine . A 3270 terminal emulator developed at McGill was commercialized and later sold to Hummingbird Software . A team has developed digital musical instruments in the form of prosthesis , called Musical Prostheses .

= = = Libraries , Archives and Museums = = =

The McGill University Libraries . The McGill University Library includes 13 branches or subject libraries including the Department of Rare Books & Special Collections which holds about 350 @,@ 000 items , including books , manuscripts , maps , prints , and a general rare book collection . The Osler Library of the History of Medicine is the largest medical history library in Canada and one of the most comprehensive in the world .

The McGill University Archives- now administered as part of the McGill Library - houses official records of , or relating to , or people / activities connected with McGill University . The collection consists of manuscripts , texts , photographs , audio @-@ visual material , architectural records , cartographic materials , prints and drawings , microforms and artifacts . In 1962 F. Cyril James declared that the newly founded McGill University Archives ( MUA ) , while concentrating on the institutional records of McGill , had the mandate to acquire private papers of former faculty members . In the 1990s drew back their acquisition scope and in 2004 new terms of reference on private acquisitions were introduced that included a wider McGill Community .

The Redpath Museum houses collections of interest to ethnology , biology , paleontology , and mineralogy / geology . Built in 1882 , the Redpath is the oldest building in Canada built specifically to be a museum .

The McGill Medical Museum catalogues , preserves , conserves and displays collections that documents the study and practice of medicine at McGill University and its associated teaching hospitals . The Medical museum features collections , individual specimens , artifacts , equipment log books / autopsy journals / paper materials and medical instruments and apparati , 25 wax models , 200 mostly skeletal dry specimens ; and 400 lantern slides of anatomic specimens . There is a special emphasis on pathology ; there are 2000 fluid filled @-@ preserved anatomical and pathological specimens . The Osler collection , for example consists of 60 wet specimens while The Abbott collection consists of 80 wet specimens , mostly examples of congenital cardiac disease .

= = Student life = =

= = = Student body = = =

McGill 's student population includes 22 @, @ 778 undergraduate and 7 @, @ 247 graduate students representing diverse geographic and linguistic backgrounds . Of the entire student population , 54 @. @ 7 % are from Quebec and 25 @. @ 4 % are from the rest of Canada , while 20 @. @ 0 % are from outside of Canada ( including the United States ) . International students hail from about 150 different countries , with Americans comprising about half of all international undergraduates and a third of all international postgraduates in the entering class of 2010 . Almost half of McGill students claim a first language other than English . While the university is located in a Francophone province , only 17 @. @ 8 % of the students claim French as their mother tongue , compared to 51 @. @ 8 % who claim English and 30 @. @ 5 % who claim some other language .

= = = Student organizations = = =

The campus has an active students ' society represented by the undergraduate Students ' Society of McGill University ( SSMU ) and the Post @- @ Graduate Students ' Society of McGill University ( PGSS ) . Due to the large postdoctoral population , the PGSS also contains a semi @- @ autonomous Association of Postdoctoral Fellows ( APF ) . In addition , each faculty and department has its own student governing body , the largest faculty associations being the Arts Undergraduate Society ( AUS ) and the Science Undergraduate Society ( SUS ) . The oldest is the Medical Students Society , founded in 1859 .

There are hundreds of clubs and student organizations at the university . Many of them are centred around McGill 's student union building , the University Centre . In 1992 , students held a referendum which called for the University Centre to be named for actor and McGill alumnus William Shatner . The university administration refused to accept the name and did not attend the opening . Traditionally , the administration names buildings in honour of deceased members of the university community or for major benefactors ? Shatner is neither .

McGill has a number of student @- @ run publications . The McGill Daily , first published in 1911 , was previously published twice weekly , but shifted to a once @- @ a @- @ week publication schedule in September 2013 due to tightened budgets . The Délit français is the Daily 's French @- @ language counterpart . The combined circulation of both papers is over 28 @, @ 000 . The McGill Tribune currently publishes once a week , circulating approximately 11 @, @ 000 copies across campus . The Bull & Bear , operating under the Management Undergraduate Society , publishes 1 @, @ 000 copies each month . The satirical publication Plumber 's Faucet and its counterpart Plumber 's Ledger ( established in 2012 ) operate under the Engineering Undergraduate Society . Past publications include the Red Herring and the Plumber 's Pot . CKUT ( 90 @. @ 3 FM ) is the campus radio station . TVMcGill is the University TV station , broadcasting on closed @- @ circuit television and over the internet .

The McGill University Faculty of Law is home to three student @- @ run academic journals , including the world @- @ renowned McGill Law Journal , founded in 1952 . Other student @- @ run journals include such publications as the McGill Journal of Law and Health , the McGill Journal of Medicine , and the McGill Journal of Education .

While fraternities and sororities are not a large part of student life at McGill , some , including fraternities Zeta Psi , Delta Kappa Epsilon , Sigma Alpha Epsilon , Alpha Delta Phi , Alpha Epsilon Pi , Alpha Sigma Phi , Kappa Alpha Society and Sigma Chi and sororities Gamma Phi Beta , Kappa Kappa Gamma , Kappa Alpha Theta , and Alpha Omicron Pi have been established at the university . Phi Kappa Pi , Canada 's only national fraternity , was founded at McGill and the University of Toronto in 1913 and continues to be active . With just over 2 % of the student body population participating , involvement is below that of most American universities , but on par with most Canadian schools .

Queer McGill ( formerly Gay McGill ) has supported lesbian , bisexual , gay , and transgender students since 1972 .

Many large organizations , including NGOs , have a local presence on campus . The International Relations Students Association of McGill ( IRSAM ) publishes the world 's only all @-@ inclusive international relations research journal , the McGill International Review and currently has consultative status with the UN 's Economic and Social Council ( ECOSOC ) and the United Nations Educational , Scientific and Cultural Organization ( UNESCO ) . Since 1990 , IRSAM has hosted an annual Model United Nations , McMUN , for university students and since 1993 it has hosted an annual Model United Nations , SSUNS , for high school students . Other humanitarian groups represented at McGill include UNICEF , Oxfam , End Poverty Now , Right to Play , and Free the Children .

= = = Athletics = = =

McGill is represented in Canadian Interuniversity Sport ( CIS ) by the McGill Redmen ( men 's ) and the McGill Martlets ( women 's ) . Following a major restructuring of the varsity programme for the fall semester of 2010 , McGill is currently home to 28 varsity teams . McGill is known for its strong hockey and lacrosse programs . McGill 's unique mascot , Marty the Martlet , was introduced during the 2005 Homecoming game ,

The downtown McGill campus sport and exercise facilities include : the McGill Sports Centre ( which includes the Tomlinson Fieldhouse and the Windsor Varsity Clinic ) , Molson Stadium , Memorial Pool , Tomlinson Hall , McConnell Arena , Forbes Field , many outdoor tennis courts and other extra @-@ curricular arenas and faculties . The Macdonald Campus facilities , include an arena , a gymnasium , a pool , tennis courts , fitness centres and hundreds of acres of green space for regular use . The university 's largest sporting venue , Molson Stadium , was constructed in 1914 . Following an expansion project completed in 2010 , it now seats just over 25 @, @ 000 , and is the current home field of the Montreal Alouettes .

= = = = Athletic history = = = =

In 1868 , the first recorded game of rugby in North America occurred in Montreal , between British army officers and McGill students , giving McGill the oldest university @-@ affiliated rugby club in North America . Other McGill @-@ originated sports evolved out of rugby rules : football , hockey , and basketball . The first game of North American football was played between McGill and Harvard on May 14 , 1874 , leading to the spread of American football throughout the Ivy League .

On March 3 , 1875 , the first organized indoor hockey game was played at Montreal 's Victoria Skating Rink between two nine @-@ player teams , including James Creighton and several McGill University students . The McGill University Hockey Club , the first organized hockey club , was founded in 1877 and played its first game on January 31 , 1877 . Very soon thereafter , those McGill students wrote the first hockey rule book . McGill alumnus James Naismith invented basketball in early December 1891 . Norwegian Herman " Jackrabbit " Smith @-@ Johannsen ( later the coach of Canada 's 1932 Olympic team ) popularized cross @-@ country skiing in North America from McGill 's Gault Estate in Mont St. Hilaire .

There has been a McGill alumnus or alumna competing at every Olympic Games since 1908 . Swimmer George Hodgson won two gold medals at the 1912 Summer Olympics , ice hockey goaltender Kim St @-@ Pierre won gold medals at the 2002 Winter Olympics and at the 2006 Winter Olympics . Other 2006 gold medalists are Jennifer Heil ( women 's freestyle mogul ) and goaltender Charline Labonté ( women 's ice hockey ) .

In 1996 , the McGill Sports Hall of Fame was established to honour its best student athletes . Notable members of the Hall of Fame include James Naismith and Sydney Pierce .

A 2005 hazing scandal forced the cancellation of the final two games in the McGill Redmen football season .

In 2006 , McGill 's Senate approved a proposed anti @-@ hazing policy to define forbidden

initiation practices .

== = Fight song = = =

The McGill University song book , compiled by a committee of graduates and undergraduates , was published in Montreal by W.F. Brown , circa 1896 . Notable among a number of songs commonly played and sung at various events such as commencement and convocation , and athletic games are :

" Alma Mater McGill , " with words by J. McDougall ;

" L 'Enfant du McGill , " with words by Louis @-@ Honoré Fréchette , and music by Guillaume Couture ;

" God Save McGill , " with words by W.M. Mackeracher , tune ' God Save the Queen ' ;

" A Health to Old McGill , " with words by R.W. Huntingdon , and music by Mrs W.C. Baynes ;

" McGill , " with words by C.W. Colby , sung to the tune ' The Gay Cavalier ' ;

" McGill Revisited , " with words by John Cox ,

" McGill Students , " with words by W.N. Evans ;

" The Student of McGill , " with words by R.D. McGibbon

== = Rivalries = = =

McGill maintains an academic and athletic rivalry with Queen 's University in Kingston , Ontario . Competition between rowing athletes at the two schools has inspired an annual boat race between the two universities in the spring of each year since 1997 , inspired by the famous Oxford @-@ Cambridge Boat Race . The football rivalry , which started in 1884 , ended after Canadian university athletic divisions were re @-@ organized in 2000 ; the Ontario @-@ Quebec Intercollegiate Football Conference was divided into Ontario University Athletics and Quebec Student Sports Federation . The rivalry returned in 2002 when it transferred to the annual home @-@ and @-@ home hockey games between the two institutions . Queen 's students refer to these matches as " Kill McGill " games , and usually show up in Montreal in atypically large numbers to cheer on the Queen 's Golden Gaels hockey team . In 2007 , McGill students arrived in bus @-@ loads to cheer on the McGill Redmen , occupying a third of Queen 's Jock Harty Arena .

The school also competes in the annual " Old Four ( IV ) " soccer tournament , with Queen 's University , the University of Toronto and the University of Western Ontario .

McGill and Harvard are also athletic rivals , as demonstrated by the biennial Harvard @-@ McGill rugby games , alternately played in Montreal and Cambridge .

== = Historical links = = =

The University of Glasgow , one of four ancient Scottish universities and member of the British Russell Group . Founded in 1451 , the original benefactor of McGill College , James McGill , studied here in the 1750s before his family worked as merchants in the city . The two universities continue this link today as part of Universitas 21 , an international student exchange programme .

The University of Edinburgh , one of four ancient Scottish universities and member of the British Russell Group . The University was founded as a civic institution in 1583 and has maintained a strong reputation in the study of medicine , among other disciplines . McGill 's first ( and , for several years , its only ) faculty , Medicine , was founded by four physicians / surgeons who had trained in Edinburgh . In common with Glasgow , Edinburgh shares an international exchange link with McGill through Universitas 21 .

== = Notable people = =

In the arts , McGill students include three Pulitzer Prize winners , Templeton Prize winner Charles Taylor , essayist and novelist John Ralston Saul , a Companion of the Order of Canada along with

Charles Taylor , Juno Award winner Sam Roberts , Singer @-@ Songwriter Prita Chhabra and William Shatner , best known for his portrayal of Captain Kirk on Star Trek and winner of several Emmy Awards . Nine Academy Award winners studied at McGill . Poet and singer @-@ songwriter Leonard Cohen majored in English at McGill and graduated in 1955 . Composer and six @-@ time Grammy award winner Burt Bacharach studied music at McGill , and Win Butler and Régine Chassagne of the Grammy Award winning group Arcade Fire met while studying at McGill . In the sciences , students include doctors , inventors , three astronauts and scientist Dr. Mark J. Poznansky , a member of the Order of Canada . On October 16 , 2009 , the 42nd American president , Bill Clinton accepted an Honorary Doctorate from McGill University .

Some politicians and government officials both within Canada and abroad are McGill alumni , including three Canadian prime ministers and thirteen justices of the Supreme Court of Canada . Vaira V??e @-@ Freiberga completed her Ph.D. at McGill and was elected as president of the Republic of Latvia in 1999 as the first female president in Eastern Europe after Turkey 's Tansu Çiller . Ahmed Nazif also completed a Ph.D. at McGill in 1983 and has served as the youngest prime minister of Egypt since the republic 's founding 1953 . Zbigniew Brzezinski , Former United States National Security Advisor under President Jimmy Carter completed his undergraduate studies at McGill .

In the 2015 Canadian election , a total of twenty @-@ five former McGill students were elected as Members of Parliament , including the current Prime Minister of Canada , Justin Trudeau and three cabinet members . In the United States , 2006 McGill graduate Ilya Sheyman is a Democratic candidate for the U.S. House of Representatives .

Corporate leaders and media personalities have also studied at McGill . Leading Canadian philanthropist and entrepreneur Seymour Schulich donated \$ 20 million , the highest donation to any music school in Canada , to the newly named Schulich School of Music . Henry Mintzberg , a professor at McGill 's Desautels Faculty of Management is an acclaimed management thinker and contributes to The New York Times and The Economist . Mintzberg is an Officer of the Order of Canada . Co @-@ founder and president of Matrox Electronic Systems Ltd . , which innovates globally in graphics , video editing , and image processing , Lorne Trottier , after whom the new engineering building is named , has donated \$ 10 million towards services in information and technology at McGill . Media magnate Conrad Black also studied at McGill .

McGill students are also recognized as athletes , including various members of Canadian national teams and twenty @-@ eight Olympic medalists . Since the Olympics began , McGill has produced 112 Olympians who have won a total of eight gold medals , nine silver , and eleven bronze .

Jacob Viner , who would later go on to form the beginnings of the modern day Chicago School of Economics , earned his undergraduate degree from McGill . William Osler , one of the founders of the Johns Hopkins School of Medicine , and the originator of the concept of medical residency , received his medical degree from McGill .

Professors at McGill have won 26 Prix du Québec , 14 Prix de l 'Association francophone pour le savoir and 21 Killam Prizes . Twelve Nobel Laureates have studied or taught at McGill , among them Otto Hahn , who was awarded the 1944 Nobel Prize in Chemistry for his discovery of the nuclear fission of uranium and thorium .

Since 1902 , Canadian undergraduate students have been eligible for Rhodes Scholarships to study at the University of Oxford . Since then , McGill students have won 140 Rhodes Scholarships ? more than any other Canadian University . These students include parliamentary and cabinet ministers David Lewis ( 1932 ) , Alastair Gillespie ( 1947 ) , and Marcel Massé ( 1963 ) , and political philosopher Charles Taylor ( 1952 ) .