

Innovative start-up companies at the centre of McMaster and Hamilton collaboration

Seen and Heard...



Students, staff, alumni represent Canada at Rio Olympics



Manitoba midwifery students join McMaster



Summer ESL Program



McMaster Highlights

Hamilton Edition

Welcome to the August 2016 edition of *McMaster Highlights: Hamilton Edition*, the monthly e-newsletter keeping you up to date on what's happening at McMaster.

In This Issue

[McMaster rises in global rankings, improves position within top 100](#)

[New Investment at McMaster Innovation Park - Federal Government investing \\$12M towards Biomedical Engineering and Advanced Manufacturing Centre](#)

[McMaster's DeGroot School of Business MBA ranked among Canada's top 10](#)

[Miller's Grove set to serve as an outdoor space for McMaster and Hamilton community](#)

McMaster rises in global rankings, improves position within top 100

McMaster has once again earned a highly sought-after spot in a prestigious ranking of the world's best universities, improving its position in this year's Academic Rankings of World Universities.

McMaster places 83rd in the world in the rankings published by Shanghai Jiao Tong University. This is an improvement of 13 spots over last year, when McMaster was ranked 96th.

This year's ranking of 83rd is the highest the University has ever placed. McMaster has consistently ranked among the top 100 in the world since 2003, when the ARWU was first published. More than 1,200 universities are ranked by ARWU every year and the best 500 are published on its website.

"The improvement in rankings reflects the hard work of our students, faculty and staff who everyday are focused on the highest quality education, research and community engagement," says President Patrick Deane. "This achievement is an important affirmation of our efforts across the University to continuously improve and enhance McMaster, while contributing to the health and wellbeing of our city, country and world."

It uses six objective indicators to rank world universities, including the number of alumni and staff winning Nobel Prizes and Fields Medals, number of highly cited researchers selected by Thomson Reuters, number of articles published in journals of Nature and Science, number of articles indexed in Science Citation Index - Expanded and Social Sciences Citation Index, and per capita performance of a university.

The three other Canadian universities among the top 100 in this year's ARWU are the University of Toronto, the University of British Columbia and McGill University.

For more information, click [here](#).

[New Investment at McMaster Innovation Park - Federal Government investing \\$12M towards Biomedical Engineering and Advanced Manufacturing Centre](#)



Explore McMaster's
Teaching and Learning
Garden



The Federal Government is investing almost \$12-million to develop McMaster's new Biomedical Engineering and Advanced Manufacturing Centre. Navdeep Bains, Canada's Minister of Innovation, Science and Economic Development made the announcement at the site of the new Centre, joined by McMaster leaders, Mayor Fred Eisenberger, and other officials.

The Fraunhofer Project Centre for Biomedical Engineering and Advanced Manufacturing (BEAM) research facility, will be home to several of McMaster's leading researchers operating from a state-of-the-art facility to be constructed at the McMaster Innovation Park.

There, researchers will work to improve the quality of life of Canadians and those all over the world, including the development of novel technologies for eye care, point-of-care medical devices and cancer treatments.

The overall value of McMaster's BEAM project is more than \$33-million with significant investments from the University, Fraunhofer IZI, the Government of Ontario and the City of Hamilton, as well as other organizations and private sector partners.

"The Government of Canada is committed to positioning Canada as a global centre for innovation - one that creates well-paying jobs for the middle class, drives growth across all industries and improves the lives of all Canadians. Today's announcement is a prime example of that priority in action. The most innovative solutions often happen when people from different fields collaborate," Bains says.

The project is expected to create at least 74 full-time jobs, produce 35 new industrial collaborations bringing together several partners, including small businesses and multi-national enterprises, university-based researchers, and the German-based Fraunhofer Institute for Cell Therapy and Immunology IZI.

"This investment in the Fraunhofer Project Centre for Biomedical Engineering and Advanced Manufacturing will lead to the creation and commercialization of innovative biomedical technologies and services. Companies, and individuals, will benefit from the strategic partnerships, resources and jobs made available through this new centre," says Filomena Tassi, MP for Hamilton West-Ancaster-Dundas.

"Capturing the true economic value of McMaster University's research is essential to developing and diversifying our regional economy," says Rob Baker, vice-president of research. "This investment will ensure that happens, allowing us to capitalize on this unique partnership with Fraunhofer, our talent, and our resources, to accelerate the commercialization of our research for the global market."

For more information, click [here](#).

McMaster's DeGroot School of Business MBA ranked among Canada's top 10



Some of the brightest and most accomplished grad students in the country are flocking to the DeGroot School of Business, and for good reason.

DeGroot has once again been named to Canadian Business magazine's prestigious Canada's Best MBAs list. DeGroot landed in the top 10 on the national reputation ranking, which is determined by assessing a school's name recognition and perception of quality, among other factors. More than 40 Canadian universities currently offer MBA programs.

The rankings survey included prospective MBA students and their parents, MBA graduates, HR professionals and corporate recruiters.

"We're very pleased with this result," says Sue McCracken, Director of DeGroot's MBA program. "To continuously be ranked among the top 10 business schools in Canada speaks volumes about our national reputation."

The School's co-op MBA, which received high praise in the Canadian Business survey, offers students three four-month work terms during a 28-month program. These co-op placements "enable participants to gain on-the-job insights and expertise while studying," the survey stated. DeGroot is the only Canadian business school that offers three work terms.

Last year's graduating class of 108 co-op MBA students commanded an average starting salary of \$68,982, while full-time and accelerated graduates earned an average starting salary of \$62,500.

For more information, click [here](#).

Miller's Grove set to serve as an outdoor space for McMaster and Hamilton community



McMaster University has partnered with various campus and community leaders to create a new outdoor classroom and relaxation space which will be named "Miller's Grove". Students, staff, faculty and members of the Hamilton community are invited to visit and enjoy the new space.

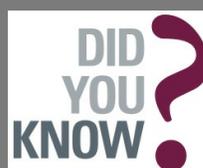
Located behind alumni field, this classroom will serve as a memorial to Les Miller, McMaster's manager of operations and facilities from 1988 to 2007.

The space, which can hold up to 30 students, will capitalize on the University's close proximity to Cootes Paradise and function as a relaxation and observation area for students. It will also include a butterfly and rain garden that will assist in developing and advancing the local ecological knowledge of McMaster students and community youth.

This installation project is also in accordance with McMaster's efforts to restore the Ravine Rd Trailhead's surrounding forest area, which the University hopes to accomplish by removing invasive plant species and replacing them with native flora and fauna such as oak trees.

Completion of this project is attributed to community and campus partners such as the Royal Botanicals Gardens, local Hamilton residents, campers from McMaster's Sports Fitness School and Alumni participating in MacServe. Campus partners include the President's office, Sports Fitness School outdoor adventure staff, the department of athletics and recreation, and the grounds department.

For more information, click [here](#).



Innovative start-up companies at the centre of McMaster and Hamilton collaboration

- The Forge is a startup accelerator that supports new tech companies and students interested in entrepreneurship by providing training, resources and a network of alumni and mentors.
- The [Forge@Mac](#) is McMaster's extracurricular voice of entrepreneurship. Forge@Mac programming inspires and trains students, helping them transform into the next generation of entrepreneurs. Series of panels, workshops, and seminars educates students about how to build a sustainable business.
- The [Forge Accelerator](#) offers selected startups a collaborative office space that is shared by other youth entrepreneurs. The Forge also provides startups with access to business mentorship, a maker space and device library, training workshops, and a supportive network of current clients and alumni.
- The Forge MIP is located in West Hamilton at the [McMaster Innovation Park \(MIP\)](#).

- The Forge Downtown is in the heart of Hamilton's revitalizing core. The space on James Street North joins a burgeoning culture of creativity, innovation and entrepreneurship.
- The Forge is home to many exciting companies, including Tron Club, Hangry, and Virtual Possibilities. It hosts around 30 start-ups in total.
- McMaster alumnus [Matthew Sheridan](#), inventor of the Nix Colour Sensor, was named Ontario's Young Entrepreneur of the Year at the 2015 Ontario Business Achievement Awards.
- [Blue Orchid](#) one of the startups working out of The Forge has been awarded \$125,000 from the Ontario Centres of Excellence (OCE).
- The Forge is funded by the Government of Ontario through the Campus-Linked Accelerator (CLA) program, managed by Ontario Centres of Excellence. The Forge@Mac operates through McMaster's Office of Student Affairs.
- For more information, click [here](#).

For more information or assistance please contact Jaskiran Shoker, McMaster University at 905-525-9140 x. 26572 or shokerj@mcmaster.ca