



McGill

McGill University, Montreal – History of Excellence



James McGill

1813 James McGill, a Scottish immigrant who prospered in Montreal, bequeathed his 46-acre estate and 10,000 pounds to "the Royal Institution for the Advancement of Learning."

1829 McGill College (now McGill University) was inaugurated in Burnside Place, James McGill's country home.

1884 the first women students were admitted

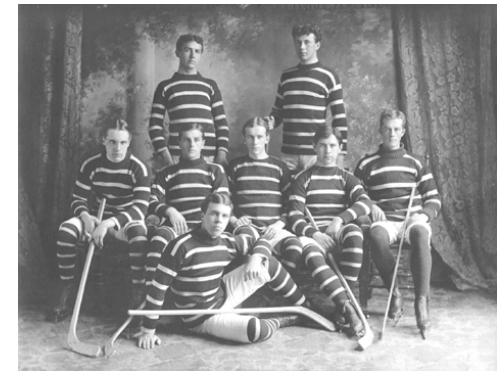
The downtown campus has 104 buildings on 80 acres. Twenty-four of these are heritage properties.

~ 37,000 students

~ 8000 degrees granted every year

Most Rhodes Scholars of any Canadian university

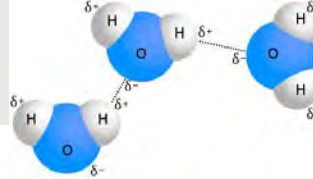
- Nature of radioactivity (**Ernest Rutherford**)
- Epilepsy researcher and world famous neurosurgeon (**Wilder Penfield**)
- First artificial cell (**Thomas Chang**)
- First Internet Search Engine (**Peter Deutsch, Alan Emtage, Bill Heelan**)
- Inventor of the Charge Coupled Device used in digital cameras and photocopiers (**Willard Boyle**)
- First game of organized hockey March 3, 1875, at the Victoria Skating Rink in downtown Montreal
- McGill vs. Harvard: First intercollegiate football game was played on May 14, 1874





MCGILL HYDROGEN EMBRITTLEMENT FACILITY

MATERIALS ENGINEERING

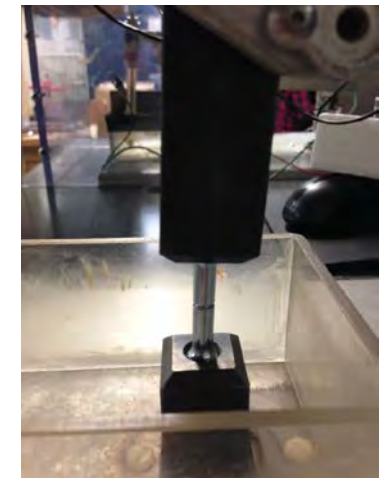
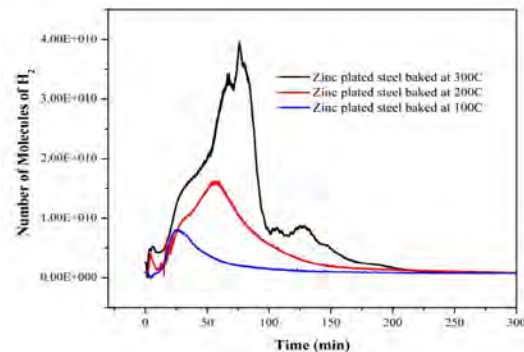
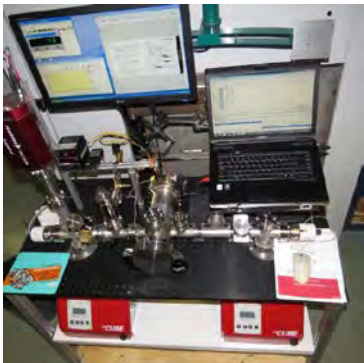


<http://mhcf.lab.mcgill.ca/>

Started in 2006 as a collaborative research, co-sponsored by a number of industrial partners and the Government of Canada.

The ongoing research follows distinct tracks :

- Materials susceptibility
- Interactions of materials with coatings and coating processes, and
- Corrosion behaviour and H generation of coated steel





**NSERC
CRSNG**

Natural Sciences and Engineering Research Council of Canada



INF Δ SCO

G Δ LVANO



Academic collaborations



**Laboratoire des Sciences de l'Ingénieur
pour l'Environnement:LaSIE**

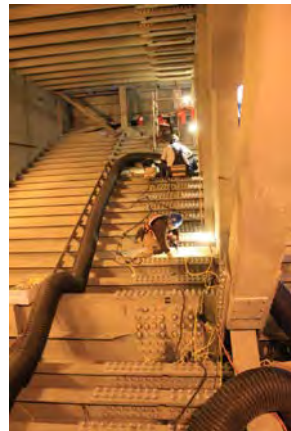


**TECHNISCHE
UNIVERSITÄT
DARMSTADT**



Engineering applications

Seismic retrofit and new construction of the SFO Bay Bridge



Landing Gear



High strength fasteners



Ireland Engineering Motorsport

Use of Zn Flake Coated (ASTM F1136) A490M Bolts

