

# MSc in **eHealth** Business • Health • Engineering



## ► What is eHealth?

**eHealth** is the knowledge, skills and tools which enable information to be collected, managed, used and shared to support effective patient-centred delivery of healthcare and to promote health.

## ► Program Highlights

**Interdisciplinary Study:** Our program, unique in Ontario, is a partnership with the Faculties of Health Sciences, Engineering, and Business.

**8-Month Internship:** Immerse yourself in today's rapidly evolving eHealth environment with an eight-month internship: an opportunity to gain valuable work experience and the most up-to-date skills necessary to succeed.

**World-Renowned Faculty:** Our faculty members are internationally recognized in health sciences, information technology and business. Their teaching and research, based on academic excellence and practical experience, will give you a head start in the fast-evolving eHealth industry.



What our students  
are saying...

*"One of the greatest strengths of the MSc eHealth program at McMaster University is the exposure to colleagues from a variety of different professional backgrounds. Learning to speak in each other's 'language' and understand each other's viewpoint is extremely reflective of today's working environment. When I started the program I knew very little about the state of eHealth around the world, but the instructors incorporate the most current international eHealth activities into their classes. Now I can speak confidently when debating the benefits of harmonizing information technology with today's global health care systems."*

**Matthew Turnock, MSc eHealth Graduate**

## ► Program Options

**Full-time:** The program may be taken full-time as a **thesis** or **course-project** option. It can be completed in two years, and includes an eight month internship with a wide variety of industry partners, i.e. healthcare institutions, private business, or government agencies. Full time students are eligible for financial assistance.

**Part-time:** The program may also be taken part-time as a **course-project** option only, providing the flexibility and balance you need. This option is usually taken by those who want to enhance or change existing careers. Part-time students do not complete an internship.





## ► Why Pursue a Career in eHealth?

Healthcare is the third largest employer in Canada. Healthcare professionals and support staff utilize information technology (IT) and multiple applications on a daily basis. Educating and supporting the large community of IT users (health professionals and consumers) in addition to government organizations and businesses engaged in eHealth activities, requires a substantial number of professionals skilled in eHealth, providing many career opportunities for graduates of the MSc eHealth program.

Those who work in eHealth are:

- Clinicians such as physicians, nurses and other professionals involved in eHealth application development, implementation, or management
- IT professionals, often with diverse backgrounds in computer science, project management and change management
- Health information management professionals who manage medical records departments, recently evolving towards the management of eHealth records
- Librarians and other information specialists who manage medical libraries as well as clinician interactions with knowledge resources
- Researchers involved in studies and trials of healthcare, technology and business advances



## ► Message from the Director

Our program is designed for individuals who have a passion for eHealth. Our students use their training to enhance the Canadian healthcare system, and more importantly, contribute to keeping and/or returning Canadians to health and wellness. We value our interdisciplinary partners in the faculties of Business, Engineering, and Health Sciences. Our faculty and staff work with students to design individualized programs, projects, and internships to produce graduates ready for employment and research in a wide range of exciting eHealth fields.

The backgrounds, ages, and experiences of our students, faculty, and staff are diverse and unique. This diversity contributes to breadth and depth in collegial learning. eHealth students work hard, build strong relationships with peers, faculty, industry leaders, and develop lifelong learning skills and abilities. We invite you to learn more about our unique program. We are eager to identify strong students and provide them with rich learning experiences and strong career preparation.

**Thomas E. Doyle, Ph.D., P.Eng.**

**McMaster eHealth Graduate Program Director**

## ► More Information

Visit our website:  
[mscehealth.mcmaster.ca](http://mscehealth.mcmaster.ca)

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