



TELFER SCHOOL OF MANAGEMENT UNIVERSITY OF OTTAWA

MSc MASTER OF SCIENCE IN HEALTH SYSTEMS

(A RESEARCH-BASED MANAGEMENT DEGREE)

RESEARCH-DRIVEN HEALTH SYSTEMS TRANSFORMATION
BENEFIT FROM A DIVERSE STUDENT BODY AND AN INTERDISCIPLINARY FACULTY
EXCITING CAREER OPTIONS WITH GENUINE SOCIETAL IMPACT
ATTRACTIVE FINANCIAL SUPPORT



TRIPLE CROWN ACCREDITATION

SPECTACULAR OTTAWA
A GREAT PLACE TO LIVE

WORLD-CLASS SCHOOL
A GREAT PLACE TO LEARN

Canada's **capital** city
Quality of life—ranked **Top10**
in the world, **#1** in Canada

Lowest cost of living of
5 major Canadian cities

Ranked #1 Tech hub
in Canada 2017

Vibrant entrepreneurial
culture

Triple Crown accreditation

4500+ current students

80+ full-time professors
with outstanding teaching
and award-winning research

Dozens of university **exchanges**
Partnerships worldwide

Downtown neighbor of
Canada's **House of Parliament**

THE TELFER MSc IN HEALTH SYSTEMS

TERM I	TERM II	TERM III	TERM IV	TERM V	TERM VI
FALL	WINTER	SPRING/SUMMER	FALL	WINTER	SPRING/SUMMER
<p>Research Design Methodologies and the Conduct of Research</p> <p>Systems Analysis, Modelling and Decision Support for Health</p>		<p>COMPLETION OF ELECTIVES</p> <p>HEALTH SYSTEMS RESEARCH INTERNSHIP</p> <p>MASTER'S THESIS</p>	<p>MASTER'S THESIS</p>	<p>MASTER'S THESIS</p>	<p>MASTER'S THESIS</p>
<p>One or two electives (at least one of which must be a MHA)</p>					
HEALTH SYSTEMS RESEARCH SEMINAR					
<p>Matching with thesis supervisor and research institute in preparation for thesis proposal</p>	<p>Thesis research begins</p> <p>Submission and approval of thesis proposal</p>	<p>COMPLETION OF THESIS RESEARCH AND DEFENCE</p> <p>STUDENTS COMPLETING THE DEGREE REQUIREMENTS WITHIN TWO YEAR WILL RECEIVE A DEAN'S SCHOLARSHIP</p>			

Admission requirements

1. Bachelor's degree in management (BCom), health science, life science, medicine, nursing, computer science, economics, social sciences, engineering, mathematics or a related field
2. 6 units of analysis courses at bachelor's level in quantitative research methods, calculus, probability and statistics, linear algebra and information technology
3. CGPA of 75% (B+)
4. Competitive GMAT or GRE
5. Demonstrated proficiency in English
6. Alignment with a thesis supervisor



RESEARCH-DRIVEN HEALTH SYSTEM TRANSFORMATION

- The delivery of quality care is being severely threatened by several externalities, placing ever-greater demands on our healthcare managers
- What hampers our ability to provide quality care even with highly skilled medical staff and the latest technology?
- This degree seeks to prepare you to make an impact and improve the lives of many by seeing health delivery as an integrated system

BENEFIT FROM A DIVERSE STUDENT BODY AND AN INTERDISCIPLINARY FACULTY

- Learn from 16 Telfer professors pursuing diverse health systems research from change management to informatics to operations
- Join a diverse student body coming from social sciences, health sciences, engineering, management and more
- Develop a unique skill set by combining your past knowledge with health management
- Collaborate with professors from other departments
- No work experience required



EXCITING CAREER OPTIONS WITH GENUINE SOCIETAL IMPACT

- Students have gone on to careers both in academia (both in our own PhD and in others across the world) and in industry
- With its hands-on research internship, this degree opens many other doors:
 - in major healthcare organizations
 - in consulting firms, think tanks, research institutes
 - in private sector research and analysis firms
 - in policy and decision support in provincial and federal governments



ATTRACTIVE FINANCIAL SUPPORT

- Admission scholarships
- Excellence awards
- Teaching assistantships
- Research assistantships
- Support for provincial and federal grant applications
- Combined total from above can reach \$10,000–\$20,000 per year, for 2 years

Contact the Research Office for more details

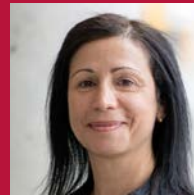
MEET SOME OF OUR FACULTY

JONATHAN PATRICK (Program Director, MSc in Health Systems)



Dr. Patrick's research focuses on applying the methods of operations research to improve the efficiency of health care management, especially with respect to capacity planning and scheduling. Professor Patrick is a member of INFORMS and CORS, and an affiliate with the Centre for Health Care Management at UBC.

SAMIA CHREIM, Ian Telfer Professorship in Health Organization Studies



Dr. Chreim combines research expertise in the fields of business management and health care management, with a specialization in qualitative research approaches. In both fields, her research focuses on the dynamics of change at different levels, on intra-organizational and inter-organizational collaborations, and leadership, with a focus on health care organizations.

IVY LYNN BOURGEAULT, Fellow of the Canadian Academy of Health Sciences (CAHS)



Dr. Bourgeault is a Professor in the Telfer School of Management and the Institute of Population Health at the University of Ottawa, and holds the Canadian Institutes of Health Research (CIHR) Chair in Gender, Work and Health Human Resources. She is also the Scientific Director of the pan-Ontario Population Health Improvement Research Network and the Ontario Health Human Resource Research Network both housed at the University of Ottawa.

CRAIG KUZIEMSKY, University Research Chair in Healthcare Innovation



Dr. Kuziemy's research focuses on developing a novel methodological approach for integrating the diverse information flows and work processes of collaborative healthcare teams. This research will help to design ICTs to integrate the different healthcare providers who make complex decisions based on different levels of knowledge while they work at different locations.

FRANCOIS CHIOCCHIO, Montfort Research Chair in the Organization of Health Services



Dr. Chiochio is a Professor of Organisational Behaviour and Human Resource whose research focuses on projects, teamwork, and collaboration in various organizational environments, including health care organizations in Canada and Africa. He has published articles and books extensively, including "Stress and Performance in Health Care Project Teams".

GILLES REINHARDT



Dr. Reinhardt focuses on applications of operations and supply chain management pertaining to health care. He has done research on capacity planning and discharge timing in hospital settings, and hand-off processes in surgical wards, and is currently focusing on the optimal composition of prescription drug formularies.

Consult our website

telfer.uOttawa.ca/mschs

Prepare for admission

telfer.uOttawa.ca/mschs/admission

Contact us

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