



York University Medical School

Vaughan City Council

June 8, 2021

RHONDA LENTON, PRESIDENT & VICE-CHANCELLOR

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York University School of Medicine

York University is keeping more people healthier longer through a different approach to health education and research



York University will be submitting a proposal to the Ministry of Colleges and Universities and the Ministry of Health for a new kind of Medical School based on an integrated approach to health and healthcare promoting care beyond the walls of hospital facilities.

Our Vision for York University's School of Medicine



Our vision for York's School of Medicine aligns with the Province's focus on integrated and preventive health care focusing on training family and community doctors and enhancing health and healthcare in under-resourced and underserved communities.

York's new School of Medicine will:

- improve the health and well-being of individuals, communities and populations by including an understanding of the social and economic determinants of health
- improve the healthcare system — its performance, efficiency, effectiveness, and integration — through an interdisciplinary and interprofessional model
- enhance illness prevention, assessment, diagnostics, treatment care, and rehabilitation

Innovative Curriculum Shaping Health Education

Our innovative and groundbreaking curriculum will produce physicians equipped to:

- address health inequities
- make greater use of technology
- address the structural problems facing the healthcare system
- promote meaningful collaborations across healthcare professions to advance a preventive and community-based approach to medicine

With the potential for a bridging option for internationally educated physicians.



York's Academic Strengths



Our range of programs inform an integrated understanding of healthcare and well-being that extends beyond the traditional acute medical care education delivered by many other university programs.

York University offers a range of bachelor and graduate degrees in health-related fields, including:

- One of Canada's largest Nursing and Nurse Practitioner programs
- Psychology
- Kinesiology and Health Sciences
- Health Studies
- Health Policy and Management
- Health Informatics
- Critical Disability Studies
- Global Health
- Social Work
- Neuroscience

Our Schulich School of Business, Faculty of Liberal Arts & Professional Studies, and Lassonde School of Engineering also offer cutting-edge health-related programming.



York's Research Strengths & Successes

AREAS OF RESEARCH

- › **Global Health**
- › **Aging**
- › **Muscle Health**
- › **Diabetes**
- › **Vision**
- › **Neuroscience**
- › **Bullying**
- › **Autism**
- › **Anti-Microbial Research**
- › **Disease Modelling**
- › **Data Visualization**
- › **Advanced Robotics**
- › **Wellness & Technology**

RECENT RESEARCH SUCCESSSES

- › Receiving Canada's premiere grant for world-leading vision research: VISTA is a **\$120M** collaborative program that advances vision science with widespread applications for visual health and technologies.
- › Receiving **\$15M** from FedDev to support health tech research through the Health Ecosphere.
- › Spearheading COVID-related research: the One Health Network for the Global Governance of Infectious Diseases and Antimicrobial Resistance (GGRID) for **\$2.5M** and the pan-Canadian, Emerging Infectious Disease Modelling network Mathematics for Public Health for **\$3M**.



Why York Region?

- York Region is growing, with a population forecast to reach approximately 2.02 million by 2051.
- It is located within the Central Region Local Health Integration Network (LHIN), which has the highest number of residents and is among the most diverse of all the LHINs.
- Central LHIN is one of the fastest growing LHINs, with the largest number of seniors over the age of 65 (305,470).
- By 2035, Central LHIN is projected to have more than half a million seniors (563,279), making up 22.4% of the population.
- Central LHIN has the highest number of births in the province and the highest mean life expectancy.



The GTA is the only large metropolis in North America with only one medical school.



Why Vaughan?

York University + Mackenzie Health

Together, we are leading a community-focused health collaboration that aims to enhance health services, training of highly qualified personnel, research and innovation, and healthier outcomes for York Region residents.

Vaughan Health Care Precinct

The City of Vaughan, York University, Mackenzie Health, and ventureLAB are working together to create a new health care precinct that brings healthcare, innovation, and jobs to the lands surrounding the Cortellucci Hospital.



- A medical school is an opportunity to advance the vision for a fully integrated healthcare, education, and research innovation cluster with a focus on health equity from the ground up.
- The school will leverage benefits from existing transit infrastructure to connect with the Vaughan community and communities across York Region and the northern GTA.
- The City of Vaughan has embraced local growth to increase its profile and boost employment. A medical school aligns with this vision.





Building Momentum and Support

MACKENZIE HEALTH

“Mackenzie Health is proud to partner with York University to advance the delivery of health care in York Region by supporting plans for a new School of Medicine in the GTA. A new medical school, coupled with our shared commitment and ongoing collaboration with York University to further health research, programming, education and more, will allow us to build capacity together to improve the health and well-being of our communities for generations to come.”

— **Altat Stationwala, President and CEO, Mackenzie Health**

NORTH YORK GENERAL HOSPITAL

“North York General Hospital is excited to support York University’s vision for a School of Medicine and to expand our partnership to meet our growing community’s health needs. With its commitment to interdisciplinary practice and focus on the social determinants of health, York University is positioned to play an even greater role in promoting healthy communities across the GTA.”

— **Karyn Popovich, President and CEO, North York General Hospital**

SOUTHLAKE REGIONAL HEALTH CENTRE

“Southlake is supportive of York University’s plans for a School of Medicine. Educating the next generation of physicians and physician leaders is critically important. As the province’s healthcare system transforms to focus on integrated care delivered by Ontario Health Teams, York University’s respected approach to interdisciplinary education can help enable the shift in mindset required to support the adoption of a population health management approach in Ontario.”

— **Arden Krystal, President and CEO, Southlake Regional Health Centre**

MARKHAM STOUFFVILLE HOSPITAL

“This unique model aligns well with our hospital’s vision of providing care beyond our walls with a commitment to serve the community beyond the boundaries of our physical facilities. We know that a more integrated and preventive model for healthcare leads to greater health equity for our diverse communities and all of the patients and families we care for.”

— **Jo-anne Marr, President and CEO, Markham Stouffville Hospital**



Next Steps

SUBMIT PROPOSAL
FOR YORK
UNIVERSITY'S
SCHOOL OF
MEDICINE



CONTINUE TO
ADVOCATE TO THE
PROVINCE TO
DEMONSTRATE THE
NEED FOR A
MEDICAL SCHOOL IN
YORK REGION



COLLABORATE WITH
THE CITY OF
VAUGHAN TO SECURE
A SUITABLE
LOCATION

A photograph of a modern, multi-level building interior. The scene is dominated by a large, wide staircase with light-colored steps and glass railings. The building features multiple levels with glass railings and walkways. Several people are visible walking on the different levels. The overall atmosphere is bright and clean, with a mix of white, grey, and light wood tones. The text "Thank You" is overlaid in the center in a large, white, sans-serif font.

Thank You

Appendix 1: About York University



York's vision is to provide a broad sociodemographic of students with access to a high-quality education at a research-intensive University that is committed to enhancing the well-being of the communities we serve.

We focus on global and experiential education for the 21st century that transforms teaching into learning, research into discovery, and service into citizenship.

We champion diversity and inclusion; embrace differing perspectives, peoples, and ways of knowing; and foster global fluencies and cross-cultural knowledges.

Appendix 2: Key Facts

- ➔ Canada has among the lowest number of practising physicians by population, compared to other OECD countries, ranking 29th out of 33, with a ratio of 2.74/1,000 compared to the world average of 3.5/1,000.
- ➔ Ontario ranks 8th out of 12 provinces/territories in physician-to-population ratio.
- ➔ At present, more than 1.3 million Ontarians still do not have regular access to primary care.

