



# Why a School of Medicine at York University

# The need for a new type of School of Medicine



We can change health outcomes from within by educating physicians of the future

## We need:

- › to address the **significant shortfall** in the number of primary care physicians (including hospitalists) and generalist specialist physicians (pediatrics, geriatrics and psychiatrists) trained in Ontario
- › to **diversify** the medical profession to better reflect our surrounding communities
- › to fundamentally redesign medical education using a **population health paradigm focussed on preventive health care** to address growing chronic morbidities
- › to integrate **digital health solutions** to supplement compassionate care
- › to focus on a **team-based comprehensive patient-centred approach** to health care
- › to **integrate community-based health care** in collaboration with health care professionals
- › to achieve **better access, improved quality, greater efficiency** and **greater equity** for society's most vulnerable



# York University is a Health Leader Globally

**11** Faculties supporting interdisciplinary health research

**6** health-specific, interdisciplinary Organized Research Units

**37** research chairs in health

**250+** faculty members actively conducting research in health-related areas

**400+** health-related research grants funded by **90** domestic and international sources

**dozens** of research collaborations in more than **30** countries

**extensive** network of partners

**1st, 2nd, and 3rd** ranked researchers in Canada on COVID-19 mathematical modelling

**Host** university for CIHR Institute of Population & Public Health



# 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 Policy
- Health Management
- Health Informatics
- Critical Disability Studies
- Global Health
- Social Work
- Neuroscience
- Plus expertise in disease modelling, digital health technology and data analytics

# World-class research and innovation

York University researchers have developed innovative approaches to solving some of the most pressing questions in health care, disease and injury prevention, and the digital delivery of health care.

## Health Research Strengths include:

- › Neuroscience
- › Mental Health
- › Global Health
- › Healthy Aging
- › Disease Modelling
- › Data Visualization
- › Advanced Robotics
- › Wellness & Technology
- › Clinical Psychology
- › Health Informatics
- › Nursing
- › Social Determinants of Health
- › Health Policy, Analytics and Management
- › Nutrition and Food security
- › Reducing Health Inequities
- › Muscle Health
- › Chronic disease prevention and management
- › Vision
- › Bullying
- › Autism
- › Anti-Microbial Resistance







## The Concept: Four Design Imperatives

- ✖ A School committed to **community-based primary care** that will keep more people healthy longer and living in their communities.
- ✖ A School that embeds **global population health** in the curriculum to embed a **preventative approach** centering learning and research in and around the communities we serve.
- ✖ A School that is **digitally-enabled, data-informed** and driven by design integrating virtual and in-person care.
- ✖ A School that supports a holistic, ecological, spiritual and compassionate approach to culturally-affirming and **patient-centred** health care that allows our graduates to deliver **equitable health care**.

# Guiding Principles

1

Integrate seamless care and movement of patients in a cohesive, community-based health care system

2

Train primary health care doctors as part of a team of Health Professionals

3

Integrate virtual care into practice of medicine with innovative digital healthcare solutions

4

Informed by equity, diversity and inclusion from access to medical school to care of patients

5

Actively seek to improve health outcomes of patients and a more efficient health care system through prevention

## Location

Our School of Medicine could be located in the **Vaughan Healthcare Precinct**, adjacent to the Cortellucci Vaughan Hospital.

Based on an analysis of underserved and growing areas, **North Toronto, York Region, Simcoe County, the District of Muskoka and parts of rural Ontario** represent a critical area of focus for our School of Medicine.





# Community-based learning network

Using a decentralized community-based medical education model will mean that **the community is our campus**.

Our network would include:

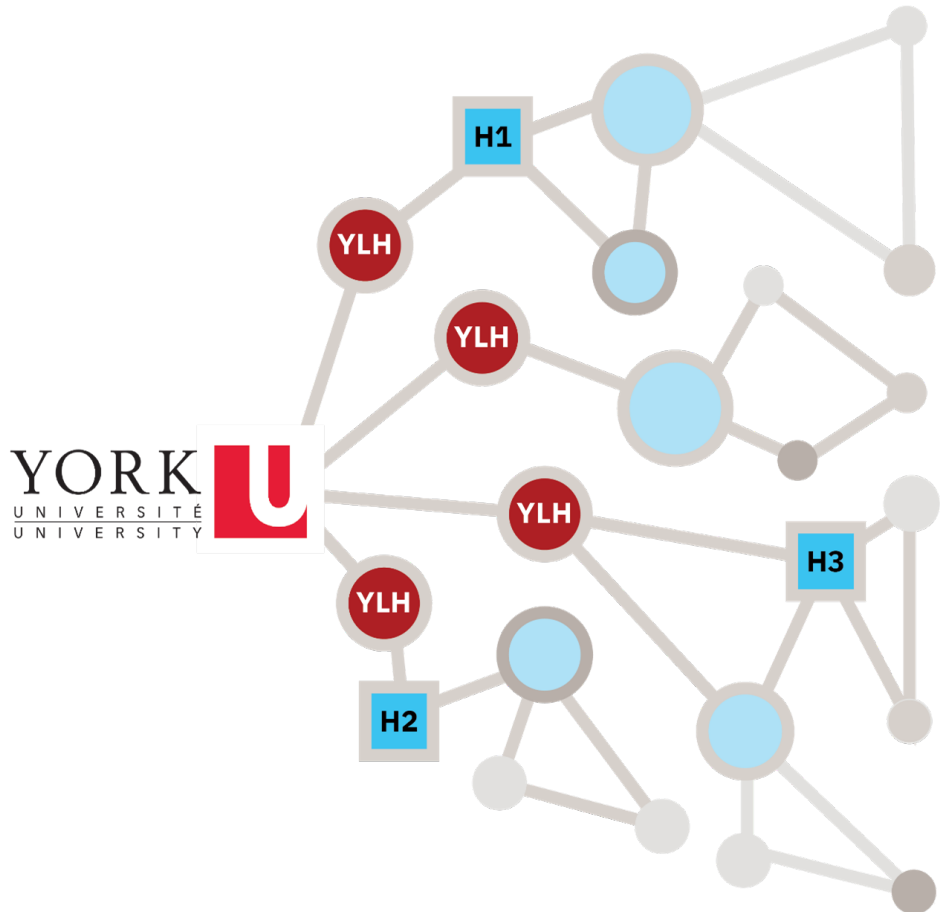
**Hospitals**

**Ontario Health Teams (OHTs)**

**Primary care**

**Health care Services sites** - long term care centres, community health centres, crisis centres, rehabilitation centres, social services, home care, mental health and addiction services, health promotion and disease prevention services, palliative care and other community and social services.

All sites would be linked and would **maximize digital platforms, tools and health informatics** that optimize clinical, social and other relevant services for integrated patient care and support.

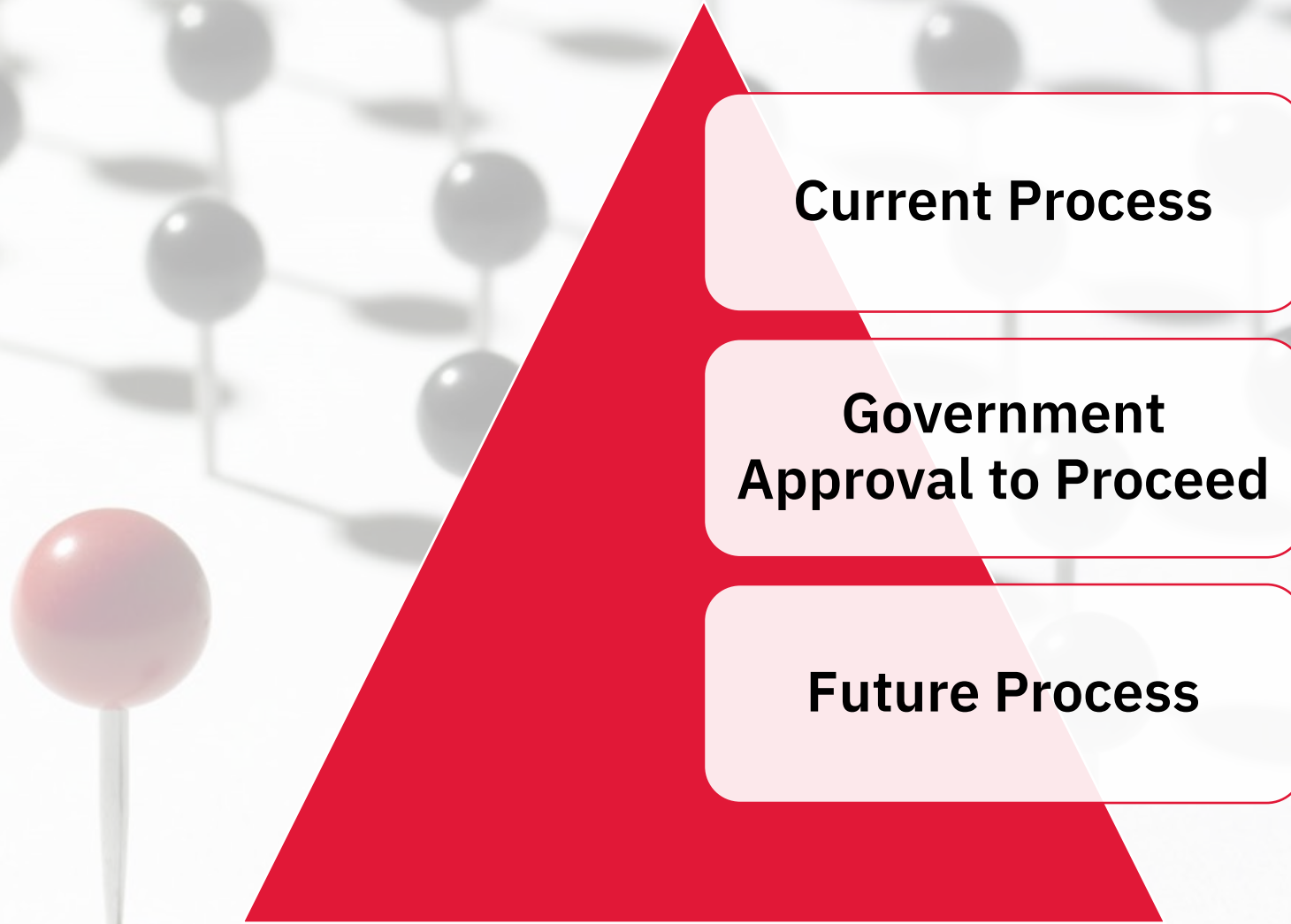


# Prospective Students

- Aspire to become **local family medical doctors** and other primary care practitioners in North Toronto/York Region/South Simcoe and North Simcoe/Muskoka region.
- Are drawn to the **principles of population health**—including the societal determinants of health across the life cycle, public and environmental health—as cornerstones of the undergraduate experience.
- Bring **international and inter-disciplinary perspectives** and experiences in ways that advance and evolve traditional medical practice.
- Are inspired by the ways **health technologies will improve outcomes and equity** by equipping patients with their own health data and enabling integrated communication across health care teams.

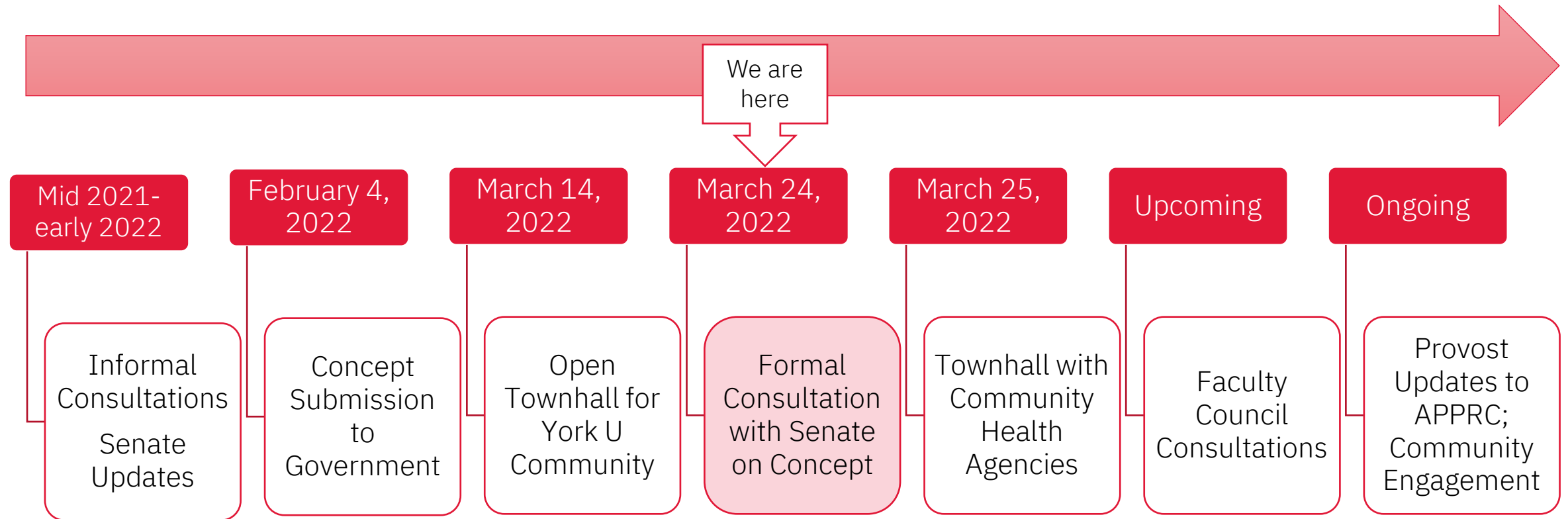


# Consultation Process





# Current Process



# Future Process (post-Government approval)

