

PRiME NEXT-GENERATION PRECISION MEDICINE



PRiME at the University of Toronto brings together multi-disciplinary research talent to address unmet challenges in Precision Medicine by understanding the biology of disease, creating new tools for disease diagnoses, and developing novel therapeutic strategies.

WHAT WE DO



ELEVATE RESEARCH

PRiME advances breakthroughs in the identification of new therapeutic targets and agents, the molecular mechanisms of disease, and the development of next-generation diagnostic technologies.



EMPOWER COLLABORATIONS

New interdisciplinary teams are integral to PRiME's approach to advancing innovative research solutions in Precision Medicine.



TRAIN MULTIDISCIPLINARY, TRANSLATIONAL LEADERS

PRiME provides programming for graduate students and postdoctoral fellows and a cutting-edge curriculum to nurture the leading scientists and entrepreneurs of tomorrow.



CREATE COMMUNITY

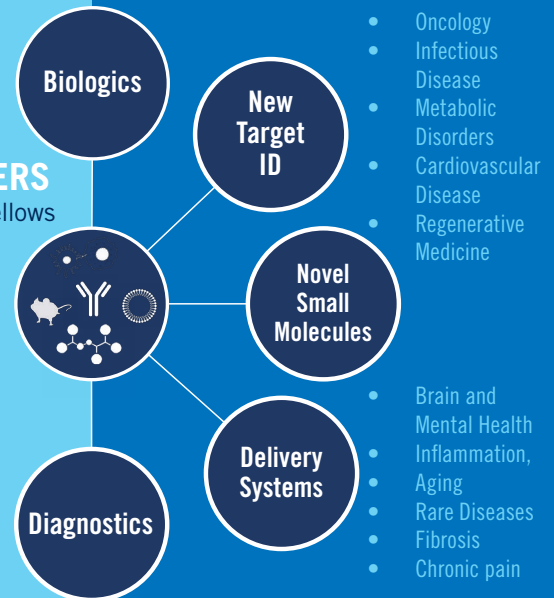
PRiME brings together scientists at all career stages within the Toronto research ecosystem to spark collaborative research.



BUILDING TORONTO'S BIOTECH ECOSYSTEM

Through industry partnerships and entrepreneurship, PRiME aims to mobilize the economic potential within our community to nurture the biotech ecosystem in Toronto and create local opportunities for our trainees post-graduation.

>85 Faculty members from 4 faculties in 15 departments across 3 campuses
150+ Trainees



WE ARE TRANSLATIONAL & ENTREPRENEURIAL



>35 New UofT collaborations

>25 Annual trainee-focused events

30+ Fellowships awarded

\$1M In trainee funding

>20 Startup Companies

>\$200M Raised in venture capital for commercialization

>35 New industry and community partnerships initiated

2020-2021 INITIATIVES

COVID-19 TASK FORCE



In response to the coronavirus pandemic, a highly-integrated, collaborative team was formed in spring 2020 to carry out critical projects with the potential to quickly impact the diagnosis and treatment of COVID-19.

CONNAUGHT GLOBAL CHALLENGE



With support from the University of Toronto through the Connaught Fund, PRiME has joined with research institutions around the world to bring together global perspectives to address healthcare challenges related to Precision Medicine.

FELLOWSHIP PROGRAMS

PRiME FELLOWSHIP PROGRAM

This fellowship program aims to enable high-risk, high-reward collaborative projects. It is an annual competition for trainees within PRiME member labs based at the University of Toronto.



The PRiME Fellowship has leveraged

\$2.3M

In additional research funding raised, for a 5.5x ROI

INDUSTRY-PARTNERED PROGRAM

This program aims to provide trainees with industry experience. Leveraging various Mitacs programs, large or small collaborative projects with industry partners will be supported.

PRiME CLINICAL CATALYST PROGRAM

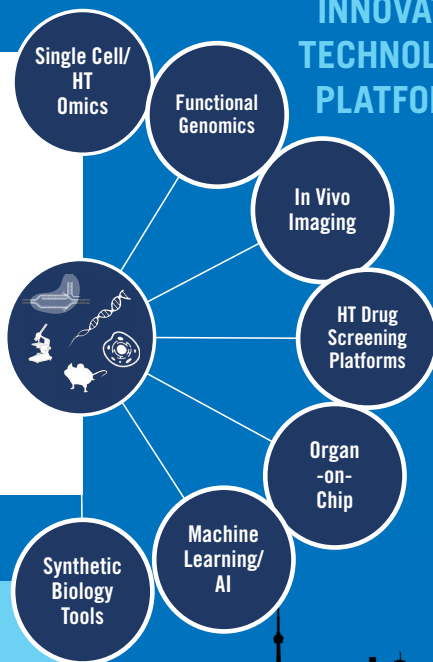
This program will provide seed funding for new collaborative projects focusing on clinical research applications. It will link PRiME basic researchers on campus with clinical investigators at partner hospitals.

For all fellowship programs, PRiME will work with the supervising PIs and research teams to develop full grant proposals on their new projects as we aim to assist our researchers in attaining long-term funding.

PARTNERSHIPS



INNOVATIVE TECHNOLOGY PLATFORMS



BUILDING TORONTO'S BIOMEDICAL ECOSYSTEM

“ [PRiME is] an ambitious and groundbreaking collaborative initiative at the frontiers of medical research and innovation. It is the kind of initiative needed to tackle complex research problems and to undertake the clinical translation and commercialization that are so critical to have lasting impact. ”

- Dr. Meric Gertler, President, University of Toronto

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