The University of Toronto Inventions Policy and Inventions Revenue





#### A Powerhouse of Innovation & Entrepreneurship

U of T is Canada's leading engine for research-based startups and a global leader in transforming ideas into products and services that impact the world.



U of T named the fastest-rising global institution in PitchBook's 2021 Top 50 rankings of best universities for startup founders.





#### **A LEADER IN IP COMMERCIALIZATION**

#### Innovation & Entrepreneurship

New Startup Companies at US and Canadian Universities (2017–2018 to 2019–2020)



#### Innovation & Entrepreneurship

89

The VPRI helps build successful partnerships between industry, business, government, and the U of T research community, and manages U of T's portfolio of intellectual property. **180** invention disclosures

74 priority patent applications

**39**+ licensing and option agreements

290 commercialization projects

# UNIVERSITY OF TORONTO EARLY-STAGE TECHNOLOGY

# We help U of T research-based companies go from lab to market.

As one of Canada's top-ranked incubators, University of Toronto Early-Stage Technology (UTEST) provides support to the University of Toronto's emerging deep tech entrepreneurs.

#### Top 10

UTEST's ranking (9th) in Canada according to the Narwhal Project's index of Top Canadian Accelerators

#### \$700M

Investment funding raised by UTEST companies

#### 170

Research-based companies supported since UTEST's inception in 2012

#### 600+

Jobs created by UTEST companies.

# UNIVERSITY OF TORONTO EARLY-STAGE TECHNOLOGY

# The Program









Precision Medicine Genomics

**\$180M** Series C

\$241M Raised to date

#### IPO

Foundations

Source non-dilutive funding

Technology transfer Access to non-dilutive funding

7 patents supported

#### UTEST

Develop

Company Creation

Entrepreneurial education

Advisory Support

Incubation space

#### CDL

Scale

Private seed investment

Product development strategy

Extensive networks: customer, investment, advisory board



\$25.15M

Series B

\$43.12M

Raised to date

**IPO** Foundations

2 Disclosures

5 patent filings & IP strategy

Access to non-dilutive funding

Market research & technology marketing

Competitor analysis support

Develop & Launch

UTEST

Entrepreneurial education

Investment

Mentorship

Extensive networks: CLA's, Sector Specific Advisory groups

Company creation & professional services

CDL

Journey Mapping

**Process Mining** 

Platform

Customer

Private seed investment

Scale

Product development strategy

Extensive networks: customer, investment, advisory board



# Notable Alumni



Intellectual Property (IP) is a critical element of the global innovation economy. It generates value and wealth for individuals, companies and countries.

Successfully protecting and leveraging IP is increasingly important for many entrepreneurs and their startups.

### **The Policy**

Originally adopted in 2008 and revised in 2013, the Inventions Policy at U of T outlines three key objectives:

- 1. To encourage creativity and innovation within the University community
- 2. To facilitate the translation of knowledge for the greatest possible public benefit, including by commercialization through development of inventions into commercial products or processes
- To ensure that revenue generated by these inventions is distributed in a manner consistent with the first two objectives and the advancement of research at the University





### **Joint Ownership**

U of T has a modern, flexible ownership-based Inventions Policy U of T inventors may assume full ownership and responsibility for patenting and commercialization,

or

offer the invention to U of T and access direct support and assistance from the university.





# Revenue Distribution between the Inventor(s) and the University

Revenues from commercialization and licensing can include upfront fees, minimum annual royalties, milestone payments, royalties, and/or equity in a startup company. For Inventor-owned IP, net revenues are shared **75% / 25%** between the Inventor(s) and the University.

For University-owned IP, net revenues are shared **60% / 40%** between the Inventor(s) and the University.



https://research.utoronto.ca/inventions-commercialization-entrepreneurship/inventions-policy-revenue-sharing



### **Revenue Distribution within the University**

Revenues retained by the university are distributed internally:

VPRI Management Fee for Universitysupported IP (20%)

Inventor's Division (up to 12.5%)

Inventor's Department (up to 12.5%)

Connaught Fund (up to 25%)



https://research.utoronto.ca/inventions-commercializationentrepreneurship/inventions-policy-revenue-sharing



#### **Total Inventions Revenues**

#### In the 5-year period (2018 – 2022) the university reported \$162 million in inventions revenue.

Per Policy, the majority of these revenues (60 or 75%) are with the inventors.

The Connaught Fund has received \$23 million from 12 inventions since 2018.





## The U of T Commercialization Framework

Since the discovery of insulin, the University has built a culture of discovery and innovation that has significant impacts and socioeconomic benefits within Canada and around the world.

- 1. A Commitment to the Management & Protection of Intellectual Property
- 2. Defined Roles & Responsibilities in Support of Commercialization
- 3. A Commitment to Increase IP Capacity, Education & Awareness
- 4. A Strong Policy, Governance and Institutional Support Framework
- 5. Building & Supporting an Innovation Ecosystem





## **Intellectual Property Education Program**

Stemming from an expert panel recommendation to the Ontario government, stressing the need to protect and secure intellectual property made in Canada.

- The Intellectual Property (IP) Education Program is a free, interactive, self-paced series of modules consisting of two levels:
  - Level 1: IP Foundations
  - Level 2: IP Strategy and Application
- Recognized on student's Co-Curricular Record
- Level 1 is available on four different platforms: Quercus, Open U Toronto, E-Campus Ontario: Open Library and public microsite
- Level 1 recognized by the Ontario MCU as key milestone under IP Action Plan.
- Separate Student / Instructor Modules created for VP-IUE





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Hey, innovators, researchers and businesses! Interested in learning more about how to protect and use your intellectual property? Enrol today in one of two ...see more

#### See translation

