FIVE REASONS TO PARTNER WITH US

1. WORLD-LEADING RESEARCHERS
Gain unique access to world-leading faculty, staff, students and laboratory facilities. U of T Engineering ranks among the top engineering schools in the world, and is the leading engineering Faculty in Canada.

2. DEFINE THE FUTURE OF ENGINEERING EXCELLENCE
Industry partnerships facilitate commercialization and technology transfer, train students and young professionals, and stimulate industry-relevant fundamental research. Our partners push the boundaries of engineering research and education. Together, we create solutions that make an impact in industry and society.

3. A PARTNERSHIP OF EQUALS
We engage our industry partners as equals who share risk and reap the rewards of investing in engineering research, technology development and problem solving. We look beyond fee-for-service contracts toward deeper partnerships that deliver the greatest value and impact in both the industrial and academic contexts.

4. LEVERAGING OUR RESOURCES
Private investment in U of T research typically defrays operating costs of research, including materials and specialized equipment. Combining this investment with our publicly funded labs and personnel allows our industry partners to leverage our $100-million-scale research facilities. Within U of T Engineering, we leverage industry financial support with federal, provincial and institutional matching to enable $25 million in industry-partnered research per year.

5. PLUG INTO TORONTO’S INNOVATION HUB
As Canada’s largest and most dynamic city, Toronto attracts the world’s top talent. U of T is Canada’s foremost research-intensive university, and home to more than 10,000 research, teaching and clinical faculty members. The St. George campus of the University of Toronto is located in the heart of downtown Toronto — on the doorstep of some of North America’s leading startup incubators, major hospitals, and Canada’s financial hub on Bay Street.
INTELLECTUAL PROPERTY

Clear and equitable intellectual property (IP) terms are key to meaningful industry-academia collaborations. U of T has adopted a simple, industry-forward approach to IP that is among the most industry-friendly in Canada. Our hallmark is a commitment to:

1) tailoring agreements to meet our partner’s objectives;
2) minimizing barriers to commercialization; and,
3) respecting the academic freedom and publication rights of our faculty and students.

Ownership of Jointly Created IP: By default, IP created through an industry-academic collaboration is jointly owned by the industry partner and the U of T principal investigator. The industry partner can be granted automatic access to this IP for internal non-commercial use at no additional cost. Exclusive rights are also negotiable.

Protection of Academic and Industry Inventions: Any project IP developed solely by industry personnel under project funding is owned fully and exclusively by industry personnel. Any project IP developed solely by University personnel is owned fully and exclusively by U of T.

Background IP: We emphasize clear and thorough definitions of background IP for both academic and industry teams to ensure robust protection of each party’s background IP.

Licensing and Access to U of T IP: Our partners have the option of accessing U of T’s interest in project IP by negotiating either an Exclusive Commercial License or a Non-Exclusive Commercial License. Our partners may also explore options to access U of T background IP and other related existing IP generated by our large pool of world-class researchers.

WORKING WITH CANADIAN PARTNERS TO LEVERAGE INVESTMENTS AND MAXIMIZE IMPACT

Our partners invest in U of T Engineering because of our world-class researchers, facilities and students. When our international partners engage Canadian subsidiaries or local offices to execute projects with U of T, tremendous leveraging on industry investments in cash or ‘in-kind’ (materials, equipment, purchase discounts) becomes possible thanks to federal and provincial government matching programs that are unique to Canada. This Canadian advantage allows our global industry partners to achieve the greatest possible scope, impact and return on investment. Key features of a leveraged industry investment with us include:

Professional Management: Efficient administrative support at U of T ensures that intellectual property is managed along sensitive timelines and budgets. Grants are processed quickly and technology is transferred efficiently to the sponsor.

Federal Government Matching: The Natural Sciences and Engineering Research Council (NSERC) offers programs that leverage industry support up to 2x across the spectrum of pre-commercial development.

Ontario Government Matching: For collaborations administered by Ontario offices or subsidiaries of our Canadian and international partners, the Province of Ontario further increases the potential leverage of sponsor funds through collaborative programs managed by the Ontario Centres of Excellence (OCE). U of T provides salary support for faculty and students through fellowships ranging from $10,000 to $20,000 per person per year.

UofT Matching: Using internal resources, U of T leverages private investments in research with dedicated strategic funds and graduate fellowships that support PhD candidate researchers.

Engagement and Monitoring: Our partners work with U of T researchers and research managers to plan the project, define deliverables and establish a timeline. This provides our partners the opportunity to monitor progress against deliverables, host graduate students on-site and allocate staff to reside on-site at U of T (including mini-sabbaticals on campus).

LEVERAGING AT WORK

The following table illustrates the type of leveraging on investments in cash and ‘in-kind’ that becomes possible when our Canadian partners engage their Ontario-based subsidiaries or local offices to execute projects with U of T:

<table>
<thead>
<tr>
<th></th>
<th>Contribution to direct costs</th>
<th>Contribution to indirect costs</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industry Funding</td>
<td>$1</td>
<td>$0.40</td>
<td>$1.40</td>
</tr>
<tr>
<td>Federal Funding</td>
<td>$2</td>
<td>$0.40</td>
<td>$2.40</td>
</tr>
<tr>
<td>Provincial Funding</td>
<td>$2</td>
<td>$0.80</td>
<td>$2.80</td>
</tr>
<tr>
<td>U of T Funding</td>
<td>$1</td>
<td>–</td>
<td>$1.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$6</strong></td>
<td><strong>$1.60</strong></td>
<td><strong>$7.60</strong></td>
</tr>
</tbody>
</table>

In this example, an industry partner contributes $1.40 in cash to a joint project ($1 for direct costs of research and $0.40 for indirect costs). If the project is administered by a Canadian entity, the Government of Canada and U of T together contribute up to $3.40 to the project, for a total of $4.80. If the project is administered by an Ontario entity, the Government of Ontario contributes up to an additional $2.40, for a grand total of $7.60 for the project. This represents more than 5x Canadian leverage on initial industry investment.

In more practical terms, consider an international industry partner who commits $200,000 per year in cash, working with a subsidiary or local office based in the Province of Ontario. The Government of Canada, the Ontario Government and U of T together contribute well over $1 million in cash to the project, leveraging our partner’s $1 million over five years into as much as $5.4 million for the joint project.

Even larger leverage ratios on industry support are possible when taking into account the value of applicable Canadian Scientific Research and Experimental Development (SR&ED) tax credits, use of existing U of T research facilities and faculty members’ time.

The outcome: A highly leveraged project with the support of world-renowned researchers, expert administration, project management and motivated graduate students.

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