

## 7

Our global network of more than 50,000 alumni is a strength of our vibrant community. Graduates from U of T Engineering dedicate their time and talents to nurturing the next generation of global engineering leaders through investments in infrastructure, enriched educational programming and mentorship.

Both current students and recent graduates benefit enormously from the mentorship and advice they receive from our alumni, whether through guest lectures, curricular and co-curricular design projects, or one-on-one meetings. Alumni support also enables us to enhance our world-class research programs, improve our infrastructure and develop new educational programs that enrich the learning environment.

The Myhal Centre for Engineering Innovation & Entrepreneurship is an example of what can be accomplished when our alumni and friends come together in support of excellence. A cornerstone of our Boundless fundraising campaign, the Myhal Centre is home to more than 40 named spaces, including technology-enhanced active learning spaces, design studios, meeting rooms, fabrication facilities, event spaces and multidisciplinary centres and institutes.

In 2018–2019, we surpassed our goals as part of the University of Toronto’s Boundless Campaign, attracting more than \$246 million in support, well beyond our ambitious \$200 million target. We directly engaged with more than 2,000 alumni through over 40 events, including our popular BizSkule speaker series, held in Toronto, Calgary and Silicon Valley. Our online community, U of T Engineering CONNECT, has exceeded 9,000 active users representing 67 countries around the world.

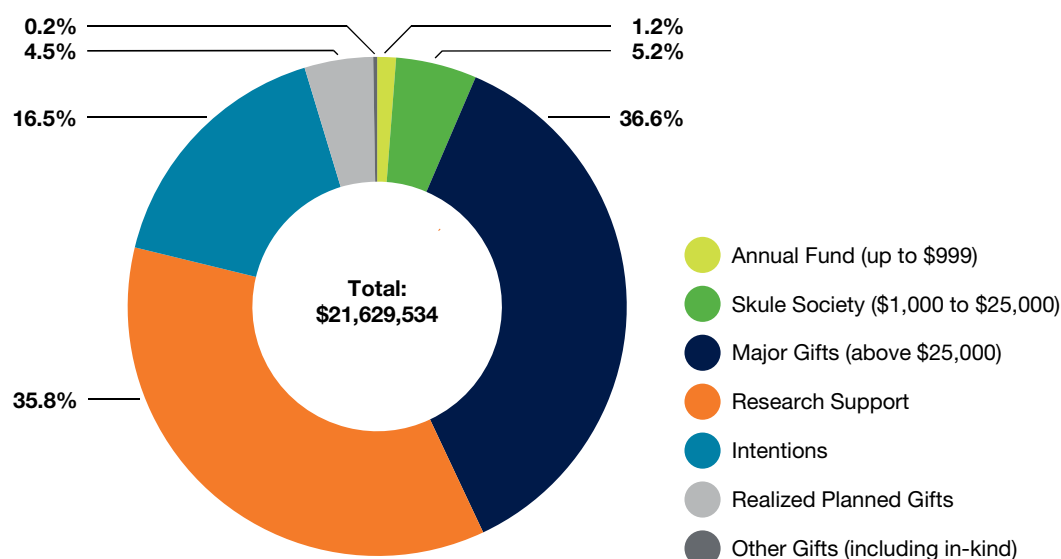
With each graduating class, our alumni network grows larger and more diverse. We will continue to reinforce relationships between all members of our community – students, faculty, staff, alumni and industry partners – to further strengthen our position as Canada’s #1-ranked engineering school and among the best in the world.

## Philanthropic Support

Support from alumni, corporate donors, students, faculty and staff enables us to enhance our programs and infrastructure — from the creation of the Myhal Centre, to expansion of the activities of Troost ILead, to enhanced financial support for students through scholarships and other awards.

On December 31, 2018, we celebrated the completion of the University of Toronto’s Boundless Campaign, the most ambitious fundraising campaign in Canadian history. U of T Engineering achieved a total of more than \$246 million, exceeding our ambitious \$200 million target by nearly 25%. Our philanthropic support for 2018–2019 reached \$21.6 million, and is broken down by source and designation in figures 7.1a, 7.1b and 7.2.

Figure 7.1a Philanthropic Support, 2018–2019



Data in this chapter are presented by fiscal year, May 1, 2018 to April 30, 2019. Gifts and other highlights are from July 2018 to June 2019.

**Note 7.1a:** In keeping with University-wide advancement policies, “intentions” refers to new planned gifts that have been agreed to but not yet realized. “Realized planned gifts” includes all realized donations by bequest, excluding those previously reported as intentions.

Figure 7.1b Philanthropic Support, 2009–2010 to 2018–2019

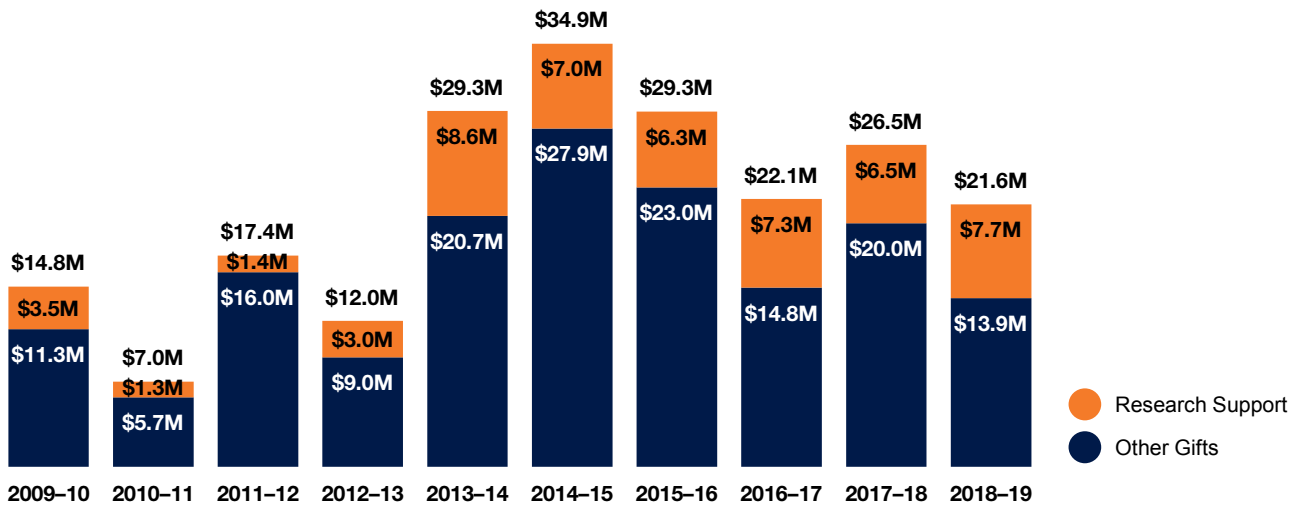
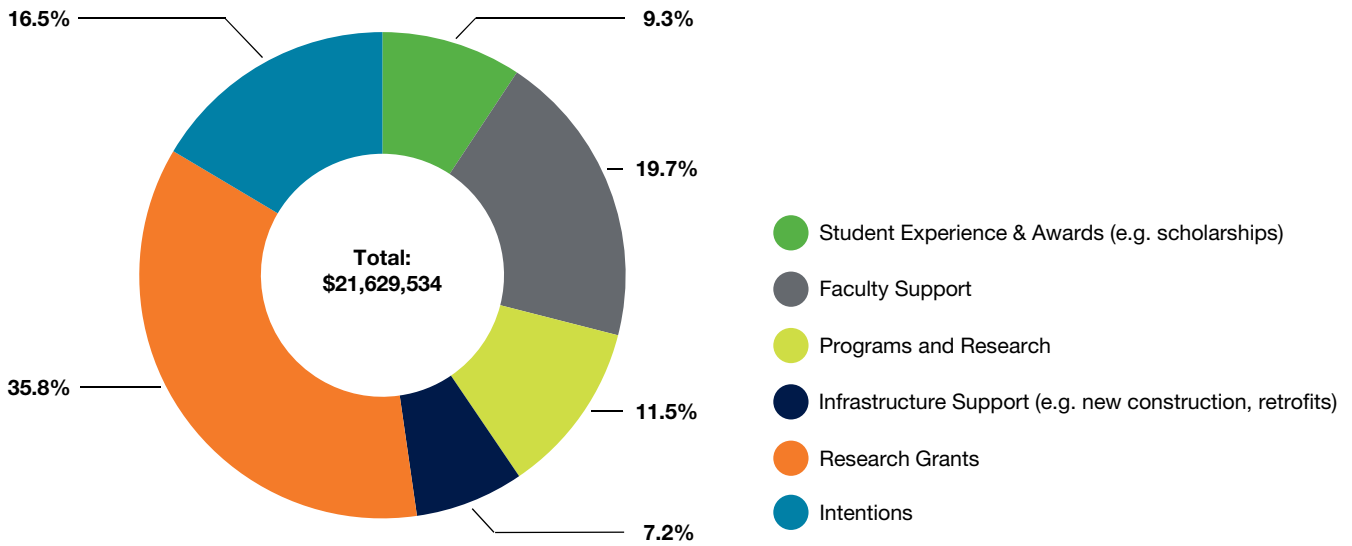


Figure 7.2 Gift Designation, 2018–2019



## Special Campaigns and Projects

### Decanal Chair in Innovation

The Decanal Chair in Innovation honours more than a decade of visionary leadership by Dean Cristina Amon. This Chair will be held by all future Deans of the Faculty, providing strategic funds to support innovation in education and research that will have broad impact within U of T Engineering. Paul Cadario (CivE 7T3), Distinguished Senior Fellow in Global Innovation, led the efforts of the fundraising committee, which has so far raised more than \$1.6 million from students, faculty, staff and alumni around the world to endow this new chair. This remarkable support is triple-matched by the Faculty and the University for a total of \$6.4 million.

### Dean Cristina Amon — A Celebration of Leadership

We hosted several events in Toronto, the U.S. and around the world to celebrate the tremendous contributions and legacy of Dean Cristina Amon. As the longest serving Dean in our Faculty's history, these events provided an opportunity to reflect on the impact of Dean Amon's transformational leadership and all the Faculty has accomplished during the past decade. They included a series of dinners and receptions held in Hong Kong, Singapore and San Francisco as well as in Toronto, in conjunction with our annual Alumni Reunion. The event series culminated with *A Celebration of Leadership*, an evening reception held in the Myhal Centre on June 26, 2019.

### The Centennial Campaign for CAMP (CivMin)

The Centennial Campaign for CAMP funds repairs, renovations and an expansion of the site of Civil and Mineral Practicals (CAMP) on Gull Lake. It includes the construction of a new bunkhouse and common space for undergraduate students. To date, \$1.1 million of the \$1.5 million target has been raised, representing more than 70% of the goal total.

This success is due to the dedication and commitment of a wide range of benefactors, including lead donors Robert MacGillivray (CivE 8T5) and Scott MacGillivray (CivE 8T2), as well as The Heavy Construction Association of Toronto. On September 7, 2019, alumni and current students will gather at Gull Lake to unveil the planned upgrades and celebrate the rich history of the facility, which will mark its 100th anniversary in 2020.

### Unit Operations Lab (ChemE, MIE, CivMin, EngSci, MSE)

This campaign is revitalizing one of the Faculty's flagship laboratory facilities, located in the Wallberg building. The vision is to transform the Unit Ops Lab into one of the best chemical engineering teaching labs in the world. The revitalized facility will include modern instrumentation and automation capability, with an outward focus on the wide variety of industry sectors that employ chemical engineers. It will be the Faculty's premier "wet" lab, servicing students from ChemE as well as several other disciplines including MIE, CivMin, MSE and EngSci. Combined with dry labs available in the Myhal Centre, the Unit Ops Lab will set a new standard in immersive undergraduate engineering education. Phase 1 of the project, which involved recruiting two professors to lead second- and third-year labs, is now complete. Phase 2 will focus on physical renovations including improved ventilation, acquisition of new experimental equipment and the modernization of the distillation column.

## Alumni Events and Engagement

### Myhal Centre Open House

In September 2018, we invited more than 1,000 alumni, students, staff and faculty to explore the Myhal Centre. Interactive and engaging displays welcomed guests into the building's new spaces. Highlights included autonomous vehicles, medical and health-care robots in the Norris Walker 5T7 Robotics Laboratory; a Water and Energy Trivia Challenge from the Institute for Sustainable Energy (ISE) and the Institute for Water Innovation (IWI); and a taste test of iron-fortified tea from the Centre for Global Engineering (CGEN). *(For more details on MY Open House and related events, see Chapter 8 – Communications)*

### Alumni Reunion

Our 2018 Alumni Reunion featured a new Class Giving Campaign, which encouraged all honoured-year alumni to make a gift to U of T Engineering. More than 300 alumni made donations, with the highest giving rate from the class of 5T3. In 2019, this annual event expanded with the addition of PEY Co-op classes to the list of years being honoured (e.g. honouring both the classes of 9T4 and 9T4 + PEY). We also invited the entire class of Ajax Alumni (class of 4T9-5T2), who represent a unique and rich part of our Faculty's history. New offerings included the Dean's Breakfast for all alumni and a Student Design Club Showcase.

### EAN Awards Program

This year we held the 2018 Engineering Alumni Network Awards in the Myhal Centre for the first time. The applications process has been streamlined and the Adjudicating Committee is now composed of previous award winners, enhancing alumni engagement. Recipients included Levente Diosady (ChemE 6T6, MAsc 6T8, PhD 7T2), who earned the Engineering Alumni Medal, the network's highest honour. *For a complete list of recipients, see Chapter 5 – Awards and Honours.*

### Skule™ Lunch and Learn

Eight of these signature events were held in the Faculty Club throughout 2018–2019, enabling us to leverage proximity to labs and spaces across the Faculty to engage alumni in a more meaningful way. The talks featured both alumni and current professors speaking on engaging topics such as sustainable infrastructure and blockchain technology. Tickets consistently sold out throughout the year. Total attendance for all events reached more than 330.

### U of T Engineering CONNECT

We continue to strengthen our global alumni network through the use of this proprietary social media platform. CONNECT enables the Faculty to quickly update our alumni records, as well as seek feedback, publicize events and facilitate mentorship between students and alumni. In just a few years, the platform has attracted more than 9,000 members in over 67 countries. Of these, 32% hold leadership positions, and 70% have indicated that they are willing to mentor current students.

CONNECT is one component of a University-wide effort to double the number of newly engaged alumni by 2023. We engaged with 600 alumni for the first time in 2018–2019, and continue to refine our strategies with a greater emphasis on inclusion and global opportunities.

## Gift Highlights

### True Blue Fund

This fund will establish vital support for The Entrepreneurship Hatchery, which provides mentorship, business development support and other resources to launch student startups. Since its creation in 2012, more than 80 startups have been through the Hatchery's programs. Collectively, these companies have raised more than \$40 million in seed funding. This year, we received commitments from the first two donors to this innovative fund: John MacDonald (ElecE 7T9) and his wife Katherine, as well as Bereskin & Parr, a law firm specializing in intellectual property.

### Lorne Heuckroth

Lorne Heuckroth (EngSci 5T8, UTIAS MASc 6T0, Physics PhD 6T4) has been a longstanding supporter of U of T Engineering, and is the naming donor of the Heuckroth Learning Commons on Level 5 of the Myhal Centre. His latest gift of \$1 million will create the Heuckroth Faculty Scholars in Aerospace Engineering, which will provide funding for as many as 10 early-career professors at UTIAS for a maximum of two years each. This gift catalyzes UTIAS' research mission by supporting state-of-the-art facilities, research equipment and materials.

### Engineering Alumni Network Scholarship

This endowed scholarship was created by the Engineering Alumni Network in 2018–2019 and supported broadly by alumni from around the world. It will be awarded for the first time in fall 2019 to a student proceeding to second, third or fourth year in any program. Recipients will be selected based on the demonstration of a passion for engineering-related design, creativity and innovation, as exhibited by involvement in the Skule™ community through design-related extracurricular activities, co-curricular involvement or entrepreneurial pursuits. This scholarship was established by the EAN Board, who have committed \$30,000 as a matching offer for donations from alumni.