In 2013-14, U of T Engineering experienced our most successful fundraising year yet. Alumni, students and friends from around the world continued to rally behind the ambitious goals in our Boundless Campaign, supporting our vision for excellence in engineering research, education and innovation. With a record number of major donors, we raised almost $22 million this year, which brings us to more than half of our $200-million Engineering Campaign goal.

The Faculty made significant progress in raising funds for the forthcoming Centre for Engineering Innovation & Entrepreneurship (CEIE) building. The Centre will be a vibrant new hub for faculty, students, alumni and industry partners to collaborate on addressing some of the most pressing issues our country and world face. As the core of our fundraising campaign, the CEIE will enable a leap forward in how we drive innovation, foster an entrepreneurial culture and cultivate global engineering leaders.

This year, the Faculty further strengthened ties with international alumni community with over 60 events and additional volunteer opportunities. Throughout Asia-Pacific, for example, Dean Cristina Amon hosted gatherings in the fall of 2013 and the spring of 2014 that engaged alumni and generated excitement about the CEIE building, motivating groups in Hong Kong, Indonesia, Malaysia, Singapore, South Korea and Taiwan to enthusiastically donate towards named nationality spaces in the new Centre.
Philanthropic Support

U of T Engineering continues to actively nurture a culture of advancement among our alumni, faculty, students and industry partners. Through a series of philanthropic initiatives that foster dialogue and collaboration, the Faculty unlocks new opportunities for our global community to innovate together – investing their time, talents and funds towards our Faculty’s pioneering research and education.

Throughout 2013-14, U of T Engineering raised $21,973,281 – nearly double the funds raised the previous year. More than half of this support was directed towards the CEIE building, which will further inspire creativity and 21st-century learning and innovation across our Faculty.

We attracted several major gifts this past year to support research, education and entrepreneurship. Bill (ChemE 6T7) and Kathleen Troost donated $2 million to support ChemE’s Unit Ops Lab, and the Faculty established new scholarships through the J. Edgar McAllister Foundation-Troost Family Award for Engineering. Gerald Heffernan (MMS 4T3) expanded his legacy of support for entrepreneurship at U of T Engineering through a $5-million gift, half of which will fund the Heffernan Commercialization Fellowships.

In addition to major gifts, we continue to realize growth in our discretionary annual giving. The Skule Society remains a significant source of undesignated revenue, and the program generated in excess of $1 million again this year.

U of T Engineering also launched our first Faculty and Staff Campaign, co-chaired by former Dean and Professor Emeritus Michael Charles, Professor Brenda McCabe, Barbara McCann and Arlene Smith. The early success of the initiative – over $200,000 raised in donations – demonstrates our community’s unwavering commitment to our vision.

Figure 7.1a Advancement Results, 2013–2014

Figure 7.1b Philanthropic Support, 2007–2008 to 2013–2014

Note 7.1a, 7.1b and 7.1c: Data are shown by fiscal year (i.e., May to April).
After dwindling in the 1990s, the Graditude senior-class giving program has been successfully reinvigorated in recent years. The campaign, which delegates all raised funds to student clubs and activities, has realized a significant increase over the past five years (Figure 7.1d), with one third of students in their fourth year now giving back generously. This is especially noteworthy when compared with the U of T-wide statistic of less than one per cent young alumni (those with five years or less since graduation) giving back.
Initiatives and Projects for 2013–2014

Centre for Engineering Innovation & Entrepreneurship

The Centre for Engineering Innovation & Entrepreneurship (CEIE) building is the cornerstone of our Faculty’s Boundless fundraising campaign. The Centre heralds a new era for U of T Engineering, empowering our students and faculty to work together across disciplines to address critical global challenges. The building will feature an interactive auditorium, Technology Enhanced Active Learning (TEAL) rooms, light fabrication facilities and collaborative spaces for many of our recently launched multidisciplinary research centres and institutes.

Completing the fundraising for the CEIE is a core priority for the Faculty, and we are more than halfway towards our goal. We have fundraised $10.9 million for the CEIE building this past year, securing funds of $65 million to date. Alumni and students have committed to our vision by donating towards the facility this past year. Through these generous donations, we have named the auditorium (Lee and Margaret Lau), the basement for student club activities (Engineering Undergraduate Society), meeting rooms (alumni chapters in Asia-Pacific, Hatch alumni) and spaces for The Entrepreneurship Hatchery (Gerald Heffernan) and the Centre for Global Engineering (Paul Cadario).

Asia

Momentum in Asia-Pacific continues to grow, evolving into a robust program of alumni and philanthropic engagement, with a focus on the CEIE. Campaign committees in Hong Kong, Indonesia, Malaysia, Singapore, South Korea and Taiwan are working towards ambitious goals to name nationality TEAL rooms in the new CEIE building.

During two trips to Asia-Pacific this year, Dean Cristina Amon engaged with our alumni communities, liaised with Canadian trade commissioners in the region and celebrated the tremendous alumni support for the Centre. To date, we have successfully raised over $4.7 million from our generous alumni in the region – bringing the Faculty to more than 80 per cent of our $5.75-million goal for the Asia-Pacific nationality spaces.

Alumni Events and Engagement

U of T Engineering has a loyal and large alumni base (40,000 graduates) who treasure their campus experiences at Skule. We develop meaningful opportunities for alumni to engage with faculty members, students and fellow graduates. A series of topical events, volunteering options and regular communications strengthen our global alumni network, while highlighting our Faculty’s deep relevance in many industries and regions around the world. Such activities cultivate relationships, foster new industry collaborations and encourage alumni to support our ambitious goals.

In 2013-14, we hosted a total of 61 alumni events across the globe (Figure 7.2). BizSkule events in San Jose and Toronto showcased engineering leadership with compelling speakers and panels, while Skule events in Hong Kong, Jakarta, Seoul, Singapore and Taipei shared the inspirational and unique design of the forthcoming CEIE building.

This year, over 12 per cent of our global alumni community engaged with the Faculty in different ways. This number has risen from nine per cent last year, and takes us closer to our goal of 18 per cent by the end of 2016, in conjunction with the end of the Boundless Campaign.

Our volunteers are also actively engaged, with over 150 participating in various committees and advisory boards both at the Faculty and University level. This year we also established new methods to connect with and involve our alumni in U of T Engineering activities. We launched regional alumni chapters in Hong Kong, Singapore and Taiwan, strengthening our ties to the Asia-Pacific region. Additionally, we created a Young Alumni Board – comprised of recent graduates who are donors and recognized leaders in their fields – to engage younger alumni in fundraising and community-building initiatives.

Figure 7.2 Alumni Events by City, 2013-2014

<table>
<thead>
<tr>
<th>City</th>
<th>Events</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toronto</td>
<td>47</td>
</tr>
<tr>
<td>Calgary</td>
<td>3</td>
</tr>
<tr>
<td>Hong Kong</td>
<td>3</td>
</tr>
<tr>
<td>Taipei</td>
<td>2</td>
</tr>
<tr>
<td>Singapore</td>
<td>2</td>
</tr>
<tr>
<td>San Francisco</td>
<td>1</td>
</tr>
<tr>
<td>San Jose</td>
<td>1</td>
</tr>
<tr>
<td>Jakarta</td>
<td>1</td>
</tr>
<tr>
<td>Seoul</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>61</strong></td>
</tr>
</tbody>
</table>
Gerald Heffernan – $5 million

Gerald Heffernan's (MMS 4T3) contributions to the University and to the community demonstrate how engineering talent and business determination can be fostered and combined to create new industries. Half of his recent $5-million gift will fund Heffernan Commercialization Fellowships, which enable U of T graduate students to commercialize research outcomes and spark new technology companies – something the Heffernan/Co-Steel Innovation Post-Graduate Fellowships have done since 1997. The other half will provide space for The Entrepreneurship Hatchery at its new home in the CEIE building. Heffernan's donation further strengthens our Faculty's entrepreneurial culture and provides new opportunities for students to turn new ideas into successful startups.

Paul Cadario – $1 million

Paul Cadario (CivE 7T3) has dedicated his career improving living standards in the developing world. A former senior manager at the World Bank, Cadario is a long-time volunteer and supporter of the University of Toronto. He is a dedicated member of the Civil Engineering Advisory Board and the Faculty of Applied Science & Engineering’s Campaign Executive. He has also served on the Engineering Alumni Association Executive, as an Engineering Class Leader and as president of the University of Toronto Alumni Association. Cadario’s generous $1-million commitment to strengthen the Centre for Global Engineering (CGEN) is a critical contribution to the education of generations of global engineers. His gift will support the creation of the new home for CGEN in the CEIE building.

Lee & Margaret Lau – $2.5 million

Lee (ECE 7T7, MASc 8T2) and Margaret Lau have been generous supporters of the University of Toronto for more than three decades. Their commitment to the University has included funding an endowed research chair in Lau’s home department and supporting research conducted by the Faculty of Medicine. Lau co-founded ATI Technologies, one of the two top suppliers of leading-edge computer graphics hardware in the world. Since selling the company, he has become an investor, encouraging new entrepreneurial ventures and working with young U of T entrepreneurs through the Rotman School of Management’s Creative Destruction Lab, the Next 36 and The Entrepreneurship Hatchery. Through a generous gift of $2.5 million, Lee and Margaret Lau have invested in a unique, cutting-edge auditorium in the new CEIE building that aims to enable change to pedagogical practices and improve how the next generation of engineers will learn and create.

The University of Toronto Engineering Undergraduate Society – $1 million

Every undergraduate in the Faculty of Applied Science & Engineering is a member of the Engineering Undergraduate Society. Founded in 1885, the Engineering Undergraduate Society is the oldest formal engineering organization in Canada. Together with its constituent “course clubs” (one for each program), the society plans and operates many student activities and services. It is the focal point for the traditional unity of spirit among engineering students that continues throughout its members’ professional careers. They are committed to the Faculty’s vision, and have expressed that collective commitment with a $1-million gift to fund student club spaces in the new CEIE building.