

BOUNDLESS

2014 Impact Report



UNIVERSITY OF
TORONTO

BOUNDLESSIMPACT

Boundless is intensifying alumni and donor engagement with the University of Toronto's top priorities and driving new levels of support for students, faculty, research, discovery, innovation and entrepreneurship. Thanks to this support, U of T is developing the next generation of leaders to address global challenges.

The Boundless Campaign*



86,840

Alumni and friends have made gifts to the Boundless campaign



38,345

Made their first gift to U of T during the Boundless campaign

91

Countries are represented by alumni and friends who have supported the Boundless campaign



67,681

Donated less than \$1,000



\$448 million

In donations for critical infrastructure projects

2+

45,169

Donors have given two or more gifts during the Boundless campaign



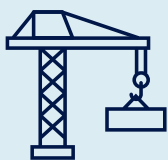
46,157

Student scholarships and bursaries are awarded each year during the campaign



1,688

Scholarships and fellowships have been created or enhanced through Boundless



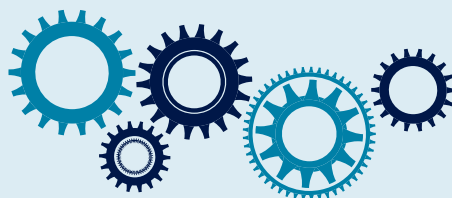
22

Critically needed capital renewal projects have begun construction across three campuses thanks to the Boundless campaign



60+

Chairs and professorships have been supported by Boundless



\$760 million

In donations for innovative programs and cutting-edge research



\$273 million

In donations for student aid and experience



\$176 million

In donations for faculty support

Global Reach of Alumni

WELCOME
140,000+

Guests have been welcomed at U of T events in Canada and around the world since the start of Boundless


135

Alumni events in 57 cities attracted more than 5,700 alumni last year


85

Alumni branches worldwide

Engaging the city



25

Lectures featuring some of U of T's top scholars have been held in neighbourhoods across Toronto over the past year

Spring Reunion 2014

6,600

Registrants—
a new record



110

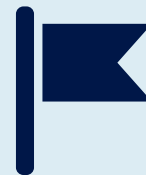
Events were held across

25

Divisions, faculties
and colleges

93%

Of attendees are likely
to attend Spring
Reunion in the future

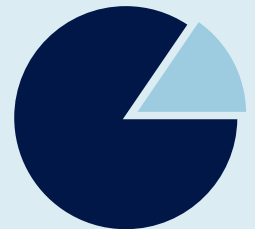


89%

Of attendees said
the Spring Reunion
events fostered
pride in U of T

87%

Of attendees said
the events enhanced
their sense of
belonging to U of T



Connecting with Young Alumni



1,000+

Young alumni attended
the 2014 Spring Reunion
SHAKER event

572

Attendees at Next
Steps Conference for
graduating students

93.5%

Of respondents said
Next Steps helped them
feel more prepared to
graduate

Volunteerism and Mentorship



1,892

Alumni actively
mentor students



9,233

Volunteers support the
University of Toronto and
help advance its mission

INDIGENOUS HEALTH. INNOVATION. UNDERGRADUATE SCHOLARSHIPS. ACCESS TO EDUCATION. HEALTH CARE. DESIGN. SUSTAINABILITY. CITY BUILDING. GLOBAL AFFAIRS. INNER-CITY HEALTH. ENTREPRENEURSHIP. SMALL LEARNING COMMUNITIES. INDIGENOUS EDUCATION. NURSING EDUCATION. SOCIAL JUSTICE. STUDENT LEADERSHIP. PUBLIC POLICY. CYBER ESPIONAGE. PROSPERITY. URBAN SCIENCE. GRADUATE FELLOWSHIPS. **MEETING GLOBAL CHALLENGES.** GREEN INFORMATION TECHNOLOGY. HIGH-PERFORMANCE SPORT. GLOBAL SECURITY. CO-CURRICULAR LEARNING. ISLAMIC STUDIES. GLOBAL ENGINEERING. EDUCATING AFRICAN SCHOLARS. MENTAL HEALTH. PEACE AND CONFLICT STUDIES. HEALTH POLICY. INTEGRATIVE THINKING. UNDERGRADUATE RESEARCH. SPORTS SCIENCE. BIODIVERSITY. QUANTUM BIOLOGY. SMART GRIDS. CONSERVATION. EXPERIENTIAL LEARNING. MENTAL AND PHYSICAL CO-MORBIDITIES. MATERNAL HEALTH. URBAN METRICS. BIOSENSORS. BUSINESS DESIGN. HEART AND STROKE RESEARCH. SOUTH ASIAN CIVILIZATIONS. NUTRITIONAL SCIENCE. GOVERNANCE. UNDERGRADUATE RESEARCH OPPORTUNITIES. BIG DATA. ASSISTIVE TECHNOLOGIES. HUMAN DEVELOPMENT. CIRCUMPOLAR HEALTH. GLOBAL HEALTH. EQUITY. HUMAN RIGHTS. DIABETES. **PREPARING GLOBAL CITIZENS.** LIBRARIES. INTERNATIONAL LEARNING EXPERIENCES. BRAIN RESEARCH. CONTEMPORARY INTERNATIONAL HISTORY. BIOMARKERS. ORAL HEALTH. JEWISH STUDIES. DICTIONARY OF OLD ENGLISH. ENVIRONMENTAL SCIENCE. RENEWABLE ENERGY. INFECTIOUS DISEASE. INTERNATIONAL RESEARCH PARTNERSHIPS. CYBERBULLYING. GLOBAL FLUENCY. ARTIFICIAL INTELLIGENCE. OPERA. URBANIZATION. SUSTAINABLE FLIGHT. EARLY CHILDHOOD EDUCATION. REGENERATIVE MEDICINE. STATE-OF-THE-ART TEACHING AND LEARNING SPACES. EDUCATING HEALTH PROFESSIONALS. CINEMA STUDIES. MUSIC THERAPY. CONSTITUTIONAL LAW. ONE PROGRAMS. INTERCOLLEGIATE SPORTS. BRAIN CANCER. LAW EDUCATION. STARTUPS. PHARMACEUTICAL ONCOLOGY. TISSUE ENGINEERING. CHILD WELFARE. PUBLIC HEALTH. NEURODEGENERATIVE DISEASES. CELTIC STUDIES. ACADEMIC BRIDGING. SUSTAINABLE MINING. ECONOMIC COMPETITIVENESS. ASTRONOMY AND ASTROPHYSICS. INTERNATIONAL DEVELOPMENT. GLOBAL MUSEOLOGY. HUMAN/COMPUTER INTERACTION. WATER REMEDIATION. STEM CELL THERAPIES. GLOBAL JOURNALISM.

The largest monetary gift ever made to a Canadian health care initiative, a rising tide of alumni engagement in the life of the University, transformational gifts for Indigenous health and education, record attendance at alumni gatherings, a visionary donation to mental health, growing numbers of alumni connecting with students, vital funding for scholarships and capital projects across our three campuses, a groundswell of support for student innovation and entrepreneurship—these were just some of the highlights for University Advancement in 2014.

With support from 86,840 alumni and friends, Boundless: The Campaign for the University of Toronto has reached a new benchmark for Canadian philanthropy—\$1.65 billion raised as of December 31, 2014 toward the University's highest academic priorities and boldest ambitions.

The campaign's success has been bolstered by the tremendous engagement of alumni around the world, who have responded in unprecedented numbers to alumni events, programming and initiatives. The University has seen record attendance at Spring Reunion, as well as at regional events from Montreal to Vancouver and from New York to San Francisco to Hong Kong. Record levels of alumni are getting involved as volunteers, mentors and ambassadors for the University. The key value proposition of staying connected with the University at every life stage is taking root. The narrative of Boundless, which captures the impact of the University, is inspiring greater pride of association and greater understanding of U of T's mission and case for support.

The multiplying effect of this engagement, pride and support is benefiting every aspect of the University and empowering our students and faculty to push the limits of knowledge, challenge convention and tackle the issues that we care about most.

In this impact report, we profile the people who have generously given their time, knowledge and resources to help advance the global reputation of the University, strengthen our role as a city-builder, educate the next generation of leaders across a broad spectrum of fields, and catalyze new ideas for healthier, more sustainable and prosperous societies.

While we still have important work ahead of us, and many critical targets to reach, the University is grateful for the visionary support of our donors, alumni and friends. This tremendous goodwill is helping ensure that U of T has the resources to compete as one of the world's best universities, provide an excellent and accessible education for our students, meet today's global challenges and prepare tomorrow's global citizens.

The Promise of a Healthy Heart

The largest private donation in Canadian health care history will bring together the strengths of SickKids, UHN and U of T in personalized genomic medicine, tissue engineering and advanced cardiac care to address heart failure across an individual's lifespan.

With the goal to reduce hospitalization for heart failure by 50 percent over the next decade, the University of Toronto, the Hospital for Sick Children, and the University Health Network (UHN) have launched the Ted Rogers Centre for Heart Research, funded by an unprecedented donation of \$130 million from the Rogers family—the largest monetary gift ever made to a Canadian health care initiative.

"We're thrilled to be able to bring the Ted Rogers Centre for Heart Research to life," said Loretta Rogers, wife of the late Ted Rogers. "We know Ted would have been proud of this bold initiative that will improve heart health for all."

Heart disease represents a considerable economic strain on the Canadian health care system. The annual cost for managing moderate and severe heart failure patients in Canada is as much as \$2.3 billion. Today, one million Canadians are living with heart failure, and that number is projected to increase 25 percent over the next 20 years.

The Ted Rogers Centre for Heart Research will bring together more than 30 expert clinicians and researchers from across U of T, SickKids and UHN, as well as up to 80 graduate students, postdoctoral fellows and clinical fellows who represent the future of the field. This critical mass of expertise will improve treatments for heart patients, and develop entirely new therapies. The Ted Rogers Centre for Heart Research will be a magnet to attract additional research talent from around the world, solidifying Toronto's—and Canada's—position as a global leader in cardiac care, noted Professor Meric Gertler, president of U of T. "The Toronto region is home to one of the world's largest biomedical science and health education clusters," said Gertler.

"This exceptionally powerful network of researchers and educators is translating exciting ideas, innovations and therapies in stem cell research and regenerative medicine into clinical settings where they will address the most challenging problems across the spectrum of heart disease. With its pioneering spirit and innovative approach, the Ted Rogers Centre for Heart Research will be a world-class collaboration and a most fitting tribute to its namesake."

"The generosity and magnitude of this gift, and the transformational effect it will have on heart research, truly reflects the pioneering and innovative spirit of Ted Rogers and his family," said Dr. Michael Apkon, president and CEO of SickKids. "This powerful, collaborative partnership among SickKids, UHN and U of T will have a global impact. Together we hope to accelerate discovery and cardiac care at an unprecedented pace."

Dr. Barry Rubin, chair and program medical director of the Peter Munk Cardiac Centre and a professor of surgery at U of T, said the Ted Rogers Centre for Heart Research will be a powerful hub for developing "new therapies that will dramatically improve the lives of patients with heart disease."

The Ted Rogers Centre for Heart Research will have facilities in each of the three participating institutions. It will be the first in the world to bring together research, education and innovation in personalized genomic medicine, bioengineering, stem cell research and cardiovascular treatment and management under one umbrella with a single focus: improving heart health across an individual's entire lifespan, from childhood to adulthood.



LORETTA ROGERS, WIFE OF THE LATE TED ROGERS, ANNOUNCED THE HISTORIC \$130 MILLION GIFT TO SICKKIDS, UHN AND U OF T FOR HEART RESEARCH.

Each institutional partner will take the lead in a particular area:

- U of T will focus on combining stem cell technology with novel approaches in cellular and tissue engineering for the regeneration of heart muscle, coronary vessels and heart valves. This cutting-edge research, which is crucial to restoring damaged hearts, will be led by U of T's Institute for Biomaterials and Biomedical Engineering, one of the many fields in which the University is recognized as a world leader.
- SickKids will harness the power of genomic science to decode the genetic foundations of cardiac disease, which will allow for heart disease to be better predicted before it occurs, and will support individualized therapies for children and adults based on the unique genome of each patient.
- UHN, through the application of powerful databases, new biomarkers for cardiac disease, regenerative and individualized medicine approaches and state-of-the-art real-time home monitoring and telecommunications technologies, will focus on the translation of research discovery into the delivery of care for patients. Foundational to this approach is a customized cardiovascular data module for a new electronic patient record linked to a biobank that will house a vast array of biologic samples from both adult and paediatric patients.

Professor Peter Zandstra, a lead U of T investigator for the Ted Rogers Centre for Heart Research, said young patients with valve disorders, for example, typically need several complex operations during their lifetime to implant larger valves to accommodate the growing heart. They also require drugs to keep the heart from rejecting valve replacements.

"Research at the Centre could one day lead to the regeneration of a valve with the patient's own cells, eliminating a lifetime of chronic illness," he said.

Cardiac fibrosis is a stiffening of the heart tissue that leads to a variety of cardiac diseases, including heart failure. Zandstra said advances in tissue engineering at U of T will accelerate the discovery of biomaterials that could be used to treat fibrosis, bringing new hope to patients.

Research at the University will also enlarge our understanding of how genetic molecular signalling and cellular networks function as the heart develops, opening up the possibility of more effective heart therapies.

The establishment of the new centre will enable U of T scientists to create technologies and tools for improved heart physiology monitoring, both in clinical settings and for patients at home. These efforts will lead to more seamless, integrated care for heart patients.

The Ted Rogers Centre for Heart Research will also establish a competitive innovation fund to drive discovery and development of next-generation therapies for heart failure, and an education fund to attract the best and brightest students and postgraduates to ensure a deep pool of talent in Canada for cardiac care and research.

Over the next decade, the Ted Rogers Centre for Heart Research will help enable more people—adults and children alike, in Canada and around the world—to live long, healthy and happy lives.

Reuniting and Rejoicing at Spring Reunion

Spring Reunion welcomes thousands back to campus every year. It's become a must-attend event for alumni who want to revisit their university experience. Spring Reunion 2014 set a record for attendance, with events such as stress-free lectures, barbecues and social evenings.



Our graduates are the lifeblood of the University of Toronto. We are blessed with extraordinarily engaged alumni across Canada and in 197 countries around the world. Spring Reunion is a prime example of the remarkable energy and spirit of our U of T alumni. Events take place over several days prior to the start of spring convocation. The 12,000 young people who graduate each year are welcomed back the following year to Spring Reunion, ensuring the connection to their alma mater remains strong.

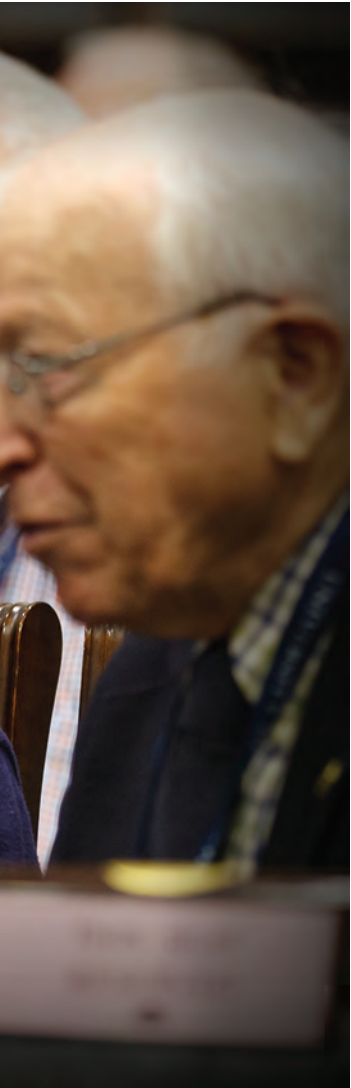
At Spring Reunion 2014, a record 6,600 registrants attended 110 unique events held across 25 divisions, faculties and colleges. Returning to campus prompted many attendees to reflect upon their time at the University.

Carol Labute (BA 2000 SMC) confessed that the simple act of putting on her name tag brought tears to her eyes, as she felt the pride of being a U of T grad. Labute is a service director with Air Canada and she attended this year's Spring Reunion at the

behest of her husband, Roman Tietz (BA 1983 UTSC), who thought she would appreciate Professor Matt Ratto's Stress Free Degree lecture on 3D printing of prosthetic sockets. Ratto was one of 15 U of T speakers (professors, alumni and authors) who delivered a record total number of lectures this year.

After hearing about Ratto's ground breaking research Tietz, who is missing one of his legs, is considering replacing his current prosthetic with a 3D version. Labute and Tietz also brought their children Adam (nine) and Olivia (12) to hear Ratto speak. Everyone was so impressed that Labute promised the whole family would be back again next year, "because there is just so much more to do" at Spring Reunion than attending one lecture.

Chancellor Michael Wilson (BComm 1959 TRIN, Hon. DSL 1994 TRIN, Hon. LLD 2005), who also attended Spring Reunion 2014, relished the opportunity to reminisce with old football pals about the great Varsity teams of the late 1950s. "Spring Reunion is very important for us, the University, and for graduates, to see



old friends. I know many of them get on the phone to encourage classmates to attend,” Wilson said. At his 55th anniversary celebration Wilson himself reunited with many old friends.

After graduating with a degree in fine arts and visual studies in 2004, Derrick Chow (BA 2004 TRIN) works as a freelance illustrator for newspapers and magazines. Chow attended Spring Reunion in part because he believes that “it’s important to go back, to meet new friends as well as old friends. I loved my professors, the groups I took part in, the extracurricular activities. At U of T I met the most creative, ambitious, and nice people.” Chow had such a good time at the LGBTQ Spring Soirée that he plans to bring his husband and fellow Trinity grad to next year’s events.

Karen Hou (BBA 2008 UTSC) also promised to return next year after hearing the keynote interview with entrepreneur and author Robert Herjavec (BA 1984 NEW) at the Alumni Celebration and Annual General Meeting. For Hou, a graduate of the management co-op program at the University of Toronto Scarborough, Spring

Reunion 2014 was the first time she’d returned to campus since 2008. “I really enjoyed it,” Hou said of the experience. “It was very nostalgic.”

These glowing testimonials speak to the growing popularity of U of T’s annual Spring Reunion festivities. With record attendance in 2014, organizers ensured alumni were able to choose from an astounding 110 events hosted by divisions, faculties and colleges across our three campuses. And next year promises to be even better!



UTAA PRESIDENT **LENNA BRADBURN** SPEAKS AT CONVOCATION HALL DURING SPRING REUNION 2014.



DANIELLE BOCHOVE AND ROBERT HERJAVEC IN CONVERSATION

Celebrating Alumni Engagement

Close to 900 guests attended the U of T Alumni Celebration at Spring Reunion. The Celebration featured the University of Toronto Alumni Association’s (UTAA) Annual General Meeting followed by an insightful and entertaining on-stage conversation with TV personality and entrepreneur Robert Herjavec (BA 1984 NEW) and business journalist Danielle Bochove (BA 1990 TRIN). Herjavec spoke candidly about his personal and business experiences as well as what he took away from his time at U of T.



NICOLE WAGNER

Recognizing Alumni Leaders in Nursing

During Spring Reunion, the Lawrence S. Bloomberg Faculty of Nursing recognizes outstanding graduates who are making exceptional contributions to the field. Nicole Wagner, one of the recipients, received the Rising Star Award in Clinical and Community Nursing. This award is given to an alumna who has excelled in the first 10 years after baccalaureate graduation by making significant contributions to community nursing practice early in his or her career. Wagner is the Advance Practice Nurse for the Mental Health and Addictions Program at Humber River Hospital. Her nominators described her as a leading example of the professionalism, integrity and ethical conduct that is needed in the area of addictions treatment. In 2010, Nicole received the Dorothy Riddell Scholarship and The Kathleen Russell Memorial Scholarship Fund.

Spring Reunion by the Numbers:



6,660 registrants

A record

30%

Increase in registrations over 2013



1,000+ young alumni attended



110 events held across 25 divisions, faculties and colleges



93%

Of attendees are likely to attend Spring Reunion in the future

Strengthening Indigenous Health and Education

Study after study makes it clear: Canada's Indigenous peoples do not have the same level of education and health as other Canadians. Three generous gifts to the Boundless campaign—one from Michael and Amira Dan, and two from anonymous donors—are helping U of T address Canada's systemic disparities in Indigenous health care and education.

Closing the Gap in Indigenous Health

For many years health and health care in Indigenous communities have lagged behind the rest of Canada, particularly for such issues as diabetes, tuberculosis, suicide and obesity. Concerned community leaders and other Canadians have been working to address this obvious gap in care and now, thanks to the new Institute for Indigenous Health at U of T, there's an opportunity to close this gap further.

U of T alumni Michael Dan (MD 1984) and Amira Dan (MA 2004) helped to create this Institute with a \$10 million gift in 2014 that builds on previous philanthropy at U of T. The Dans are well known for their deep concern for social issues, and they have a history of involvement with Indigenous communities. Now they are making it possible for faculty members and doctoral students researching aspects of Indigenous health in seemingly unrelated disciplines like anthropology and health economics to merge their expertise.

They are also smoothing the path for research training programs in Indigenous health, new partnerships between University researchers and Indigenous communities, and open dialogue with respected Indigenous leaders who can advise on directions the Institute might follow.

The Institute is based at the Dalla Lana School of Public Health where there is an existing core of scholars working in Indigenous health. Institute investigators will combine the science that evolves in University labs and libraries with the traditional knowledge of their Indigenous partners, in keeping with U of T's rich tradition of innovation. This approach will be transmitted to the next generation of researchers through the Institute's education program, resulting in health solutions that are appropriate for First Nations, Inuit and Métis people—and are effective and lasting.



Photo credit: Christopher Wahl

SUZANNE STEWART (YELLOWKNIFE DENE) IS THE CANADA RESEARCH CHAIR IN ABORIGINAL HOMELESSNESS AND LIFE TRANSITIONS AND SPECIAL ADVISOR TO THE DEAN ON ABORIGINAL EDUCATION AT OISE.

“We are excited and honoured to take part in an initiative that will improve the health and well-being of one of Canada’s most marginalized peoples. The Institute will be based at Canada’s leading university and will provide innovative solutions designed to narrow the much-too-large gap between the health status of Indigenous and non-Indigenous populations.”

MICHAEL AND AMIRA DAN





CHIEF SHAWN A-IN-CHUT ATLEO

Strengthening Indigenous Education

A new Indigenous Education Initiative at the Ontario Institute for Studies in Education (OISE) will generate knowledge that is relevant to education, and the study of education, in both Indigenous and non-Indigenous societies around the world. This five-year initiative is made possible thanks to a generous \$5 million gift from an anonymous donor. Building on OISE's existing strengths in this field, the Initiative will help researchers explore the educational needs of Indigenous people and pursue vital avenues of inquiry that will benefit education around the globe. It is also expected to have a significant impact on education policy in Canada.

"The University of Toronto is already recognized as a world leader in Indigenous education thanks to the dedication of scholars at OISE who have made Indigenous education a priority," said U of T President Meric Gertler. "This gift affirms that stature and provides the support required to ensure that U of T continues to lead the way."

The gift, which is the largest donation ever made to a Canadian faculty of education for Indigenous education research, has also established a prestigious fellowship. Chief Shawn A-in-chut Atleo has been appointed the first Distinguished Fellow of the William A. Macdonald, Q.C. Fellowship in Indigenous Education, and will play a lead role in forging important partnerships between Canada's Indigenous people and other organizations.

"This new Initiative is an important demonstration of the role universities can and must play as places of discussion, partnership and innovation in support of Indigenous education and Indigenous people," said Atleo.



Improving Access to Education

As Canada's leading public university, U of T is deeply devoted to the principles of access and excellence. In fact, we have publicly pledged that no qualified undergraduate will have to decline admission or withdraw from his or her studies due to financial circumstances. A new \$5 million gift from an anonymous donor exemplifies the vital role philanthropy plays in making possible the University's commitment to supporting great students regardless of their ability to pay for higher education.

The gift will primarily support scholarships for students from Indigenous backgrounds, and secondarily those whose parents did not attend university or college. A portion of the scholarships for indigenous students will be awarded in partnership with Indspire, an Indigenous-led registered charity that invests in the education of Indigenous people. The remaining portion of the scholarships for indigenous students and students who are the first

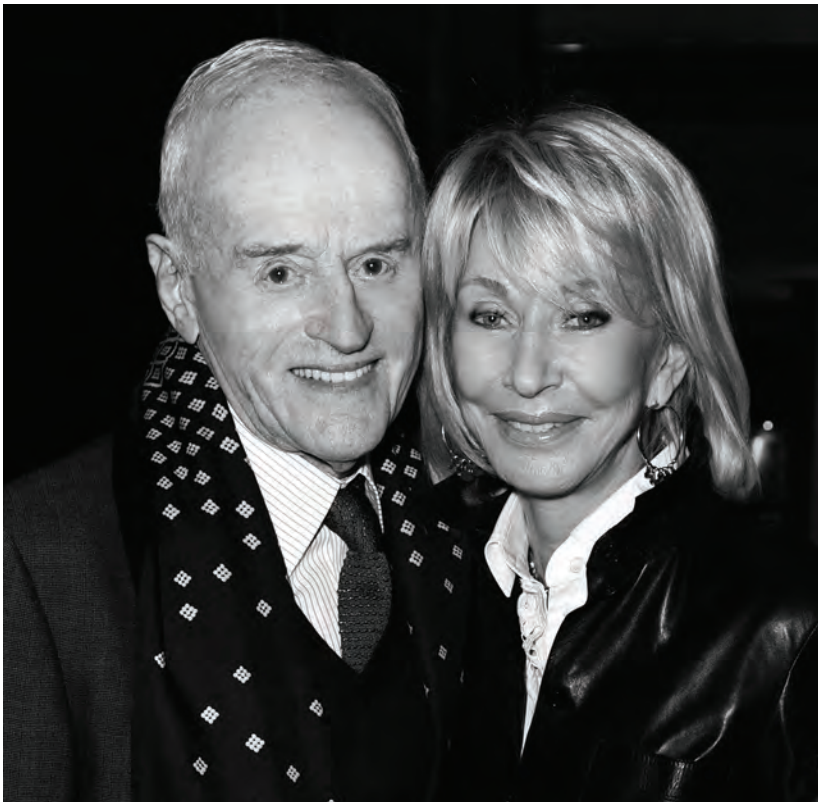
in their family to attend university will be matched by the University's Boundless Promise Program. The result: a helping hand to deserving people who might not otherwise have the opportunity to benefit from a university education.



MUNK SCHOOL OF GLOBAL AFFAIRS

Canada's Voice on the Global Stage

The story of the Munk School of Global Affairs—fuelled by generous donations from Peter and Melanie Munk—is one of explosive growth, academic excellence and global impact. In just five years, the Munk School has emerged as one of the world's top schools of international affairs, leading a global conversation on critical issues that affect us all.



“The world is changing. We want to do our part to ensure that Canada not only secures its place on the world stage but helps create the knowledge that improves people’s lives.”

PETER AND MELANIE MUNK

The growth and success of the Munk School of Global Affairs would not have been possible without the leadership of Peter and Melanie Munk. Peter Munk, who built multinational mining giant Barrick Gold Corp., chose U of T as a focus for his philanthropy because his alma mater welcomed him with open arms when he came to Canada in the late 1940s. “Peter Munk is unendingly grateful for the opportunities Canada has given him,” said Munk School Founding Director Janice Stein. “It is his singular wish to give young Canadians those very same opportunities to become truly global citizens.”



MUNK GLOBAL JOURNALISM FELLOW ANNA NICOLAOU IN *THE GLOBE AND MAIL* NEWSROOM.

The remarkable success of the Munk School of Global Affairs begins with the extraordinary vision and generosity of Peter Munk (BAsc 1952, Hon. LLD 1995, Hon. DSL 2004) and Melanie Munk (Hon. DSL 2004). Their benefactions to the University, which total more than \$50 million, have enabled the University to create a major academic powerhouse in global affairs and attract top students, world-renowned faculty and accomplished mentors. Together, this great constellation of talent is generating knowledge and ideas that have global reach and influence.

The Munk School is leading a global conversation on pressing issues such as the shifting balance of global power, the role of innovation in the global economy, the challenges of justice in a world of conflict, cybersecurity, Internet censorship, digital diplomacy, the digital economy and the economic rise of Asia.

People around the world are paying attention. Munk School experts are routinely quoted in leading national and international news outlets. Since 2011, in fact, the Munk School has more than tripled its media presence. In 2013, the Munk School was mentioned 1,972 times across online, radio, television and print media platforms. The most significant media attention was focused on two trending Munk School research topics: spyware and Internet censorship, and digital diplomacy and Iran.

“There is a lot of excitement about our work,” said Janice Stein, past Director of the Munk School of Global Affairs. “Partners from around the world are joining our ever-expanding network, and audiences—both real and virtual—are flocking to hear what

we have to say. Through various channels, our experts are now reaching more than four million people.”

The Munk School has also experienced substantial growth in its academic programs. In the past three years, student enrolments have doubled, while the number of applicants to the School has quadrupled. One hundred and sixty students are now enrolled in the flagship Master of Global Affairs Program. The Fellowship in Global Journalism, which aims to deepen the coverage of global issues, is attracting high-calibre candidates from around the world. The new Munk One Program—a first-year program for outstanding incoming undergraduates—is attracting top students with the interest and capacity to tackle global challenges.

Exceptional faculty and experts from around the world continue to gravitate to the Munk School. There are more than 130 affiliated scholars engaged in its teaching and research. More than 20 distinguished Senior Fellows have chosen to work at the Munk School and mentor its students. In 2013 alone, the School hosted more than 900 public seminars, conferences and lectures, which attracted 33,000 people.

MUNK SCHOOL FOUNDING DIRECTOR **JANICE STEIN**MUNK SCHOOL DIRECTOR **STEPHEN TOOPE**

OUTSTANDING LEADERSHIP

Recognized as one of the world's leading thinkers on international issues, Professor Janice Stein has transformed the Munk School from a small academic startup into a multidisciplinary powerhouse over the past 15 years. In January 2015, Stephen Toope, a noted international law scholar and former president of the University of British Columbia, became the new director of the Munk School. "The Munk School has built a reputation around the world for its thoughtful and insightful examination of international issues," said Toope. "I'm delighted to be a part of this community of outstanding researchers and students working to understand and tackle global problems."

PROFESSOR **RON DEIBERT**

CHASING GHOSTNET

In 2009, Professor Ron Deibert, director of the Munk School's Citizen Lab, made world headlines when his team published *Tracking Ghostnet*, a report that uncovered a suspected international cyber espionage network. This seminal study, along with 2010's *Shadows in the Cloud*, was among the first public reports to reveal cyber espionage networks targeting civil society and governments around the world—including systems in India and several other countries, the Office of the Dalai Lama and the United Nations. Both reports were featured on the front pages of *The New York Times* and *The Globe and Mail*. More recently, the Citizen Lab became the first Canadian organization to win the MacArthur Foundation's Award for Creative and Effective Institutions, which is worth \$1 million.

Recognizing Student and Alumni Leadership

The Cressy Awards recognize students for outstanding contributions to improving the world around them and inspiring others to do the same. Many Cressy winners continue to give back to U of T after graduation. Indeed, some 40 of these remarkable alumni have also been awarded Arbor Awards—the University’s premier recognition program for volunteerism at U of T.

Spirit of Giving Back

Ashley Graham (MSc 2009) and David Bronskill (BA 1996 TRIN, MA 1997, LLB 2000) are two remarkable individuals whose leadership and commitment to giving back elevates the University of Toronto experience for students, faculty, staff and alumni. Graham and Bronskill were student leaders who have become deeply engaged alumni while also excelling in challenging professional careers. Both are members of a distinguished group of U of T alumni who have won a Cressy Student Leadership Award and an alumni Arbor Award for their longstanding service to their alma mater and to the wider community.

As a Master’s student at U of T, Graham served as co-president of the Occupational Science and Occupational Therapy Student Council and first-year representative for the Graduate Students’ Union. After graduating in 2009 with an MSc in Occupational Science and Occupational Therapy, Graham was hired as an occupational therapist at The Hospital for Sick Children, where she is a member of the Heart Transplant, General Surgery and Respiratory Medicine teams. She has also worked as a subject matter expert with the Children’s Hospital Project in Qatar.

Even with such a demanding schedule, Graham continues to place enormous importance on remaining an active member of the U of T community: “I found my niche at U of T and have continued to be involved with the University since graduating. It’s been great to give back. For me, being a volunteer has allowed me to meet amazing people and I have learned so much.” Graham is a member of the Physical Therapy and Occupational Therapy



ASHLEY GRAHAM AND DAVID BRONSKILL

Alumni Association, where she has been instrumental in creating a social media strategy, helping them to reach and engage even more alumni. For the past two years she has also served as editor of the alumni publication *Update*, refreshing its design and devoting countless hours to its production and distribution.

David Bronskill is a volunteer extraordinaire. A three-time graduate of the University of Toronto, Bronskill likewise found his niche at U of T. “Being a student at U of T provided access to scholars who instilled a sense of love of knowledge...and a responsibility to use one’s education to benefit both one’s own life and the lives of others,” said Bronskill. As a student at Trinity, he played on several sports teams, worked for the school newspaper and participated in student governance.

In the years since graduation, Bronskill has amplified his involvement with U of T as well as his service to the wider community. He stayed involved with the Alumni Association of Trinity College and served on Trinity College’s Executive Committee, which he chaired for three years. A partner with the law firm Goodmans LLP, Bronskill devotes his Sunday mornings to supervising the Law Society of Upper Canada’s Feed the Hungry Program. He also sits on the boards of the Artscape Foundation and the Toronto Humane Society, and is on the advisory board of the Toronto Lords Basketball Association, an elite basketball program for teenage girls in the City of Toronto.



GORDON CRESSY (MSW 1969), NEW COLLEGE PRINCIPAL **YVES ROBERGE**, PRESIDENT **MERIC GERTLER** AND NEW COLLEGE REGISTRAR AND ASSISTANT PRINCIPAL **KERRI HUFFMAN** WITH 2014 CRESSY AWARD WINNERS

Celebrating 20 Years of Student Service

On November 20, the majestic Great Hall at Hart House served as a fitting backdrop to celebrate the 20th anniversary of the Gordon Cressy Student Leadership Awards. Established in 1994 by the University of Toronto Alumni Association and the Division of University Advancement, the Cressy Awards recognize graduating students for outstanding contributions to improving the world around them and inspiring others to do the same. One hundred and seventy former Cressy recipients from near and far gathered for an entertaining and edifying evening that celebrated and honoured the importance of leadership and service. Guests were treated to a rousing panel discussion as well as speeches from several fellow alumni and Cressy winners. In the past 20 years, the Cressy Awards have become a benchmark among volunteer student awards in Canada.

25 Years of Arbor

The Arbor, or tree—the iconic symbol for U of T—is freighted with meaning. It represents learning, wisdom, growth, fruition, resilience, and immense and enduring strength—all apt descriptions of what U of T stands for in our community and the world. The tree also represents family, and on September 10 the University gathered many of its closest friends and supporters at 93 Highland Avenue to mark the silver anniversary of the Arbor Awards.

The awards, which have been conferred on more than 2,000 people since 1989, are the University's premier recognition program for alumni and friends whose loyalty, dedication and generosity have added substantially to the quality of the University of Toronto experience. Past recipients include prominent figures in public service, education, health care, the arts and the private sector. This extended family of volunteers and supporters continues to strengthen U of T and empower our students.

One Spadina Reborn

Originally the home of Knox College Theological Seminary and later the Connaught Laboratories, which introduced insulin to the world, One Spadina Crescent is one of Toronto's architectural masterpieces—a historic building occupying an iconic circle within a city dominated by the mercantile grid.

A striking new plan from the internationally renowned firm NADAAA will seamlessly integrate One Spadina's heritage building with a bold new work of contemporary architecture. The new complex will double the amount of space available to the John H. Daniels Faculty of Architecture, Landscape, and Design to more than 100,000 square feet and help consolidate programs in architecture, urban design, landscape architecture and visual studies along the western edge of the University's St. George campus.

With more space, the Daniels Faculty will not only respond to growing enrolment demands, but also provide its students with the infrastructure and collaborative research environments that are essential for contemporary design research and education.

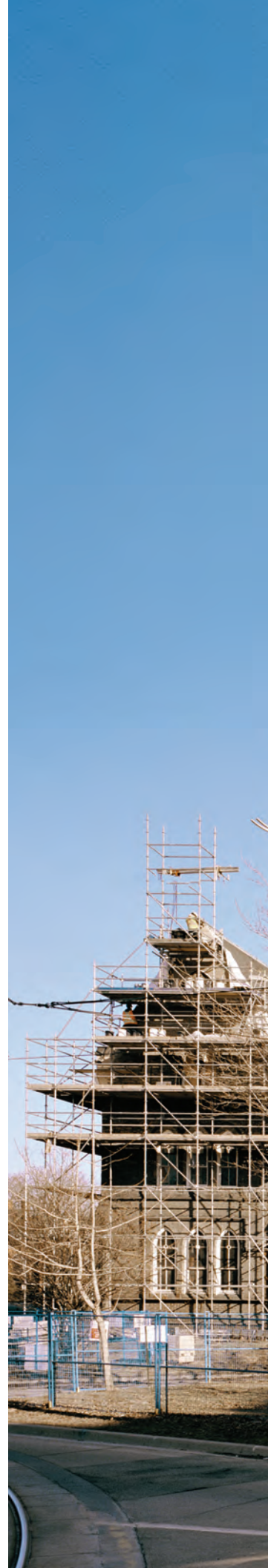
The heritage renovation will return One Spadina's interior spaces to their original format and austere beauty. These spaces will flow into a spectacular new facility featuring flexible design studios, lecture and meeting halls, fabrication spaces and research laboratories. A series of pavilions, radiating outward, will house cross-disciplinary research units devoted

to addressing the most pressing challenges in urbanization, health care design, sustainability, city building and governance.

Through a new, dramatic landscape, the circle will be generously opened to the city for perhaps the first time since the 19th century through a new east–west access, various plazas and seating, bicycle parking and a large south-facing belvedere.

One Spadina's teaching, research, fabrication and presentation spaces will be a hub for creating more sustainable, beautifully crafted and socially just cities. The complex itself will be an exemplar of urban design, showcasing leading sustainable design practices, thus serving as a model of what we strive to teach our students.

One Spadina is the largest architecture school expansion ever undertaken in Canada. The project has received substantial support from the University and lead donors, including two generous gifts totalling \$24 million from John H. Daniels (BArch 1950, Hon. LLD 2011) and his wife Myrna Daniels, and \$1 million from the Daniels Corporation. The campaign for the Daniels Faculty is a \$50 million effort. In total, \$45 million of this campaign goal will go toward the capital renewal of One Spadina. The remaining \$5 million will support student awards. To date, more than two-thirds of the campaign total has been raised.



“With the redevelopment of One Spadina, the Daniels Faculty will be a catalyst for designing better cities and reconceiving architecture and landscapes for the 21st century.”

PROFESSOR **MERIC GERTLER**, PRESIDENT, UNIVERSITY OF TORONTO



U of T in Your Neighbourhood



How does Ebola spread and what can our highly interconnected world expect next from this infectious disease? Does music affect our health? How do children learn to tell lies? What do we know about water security in Toronto?

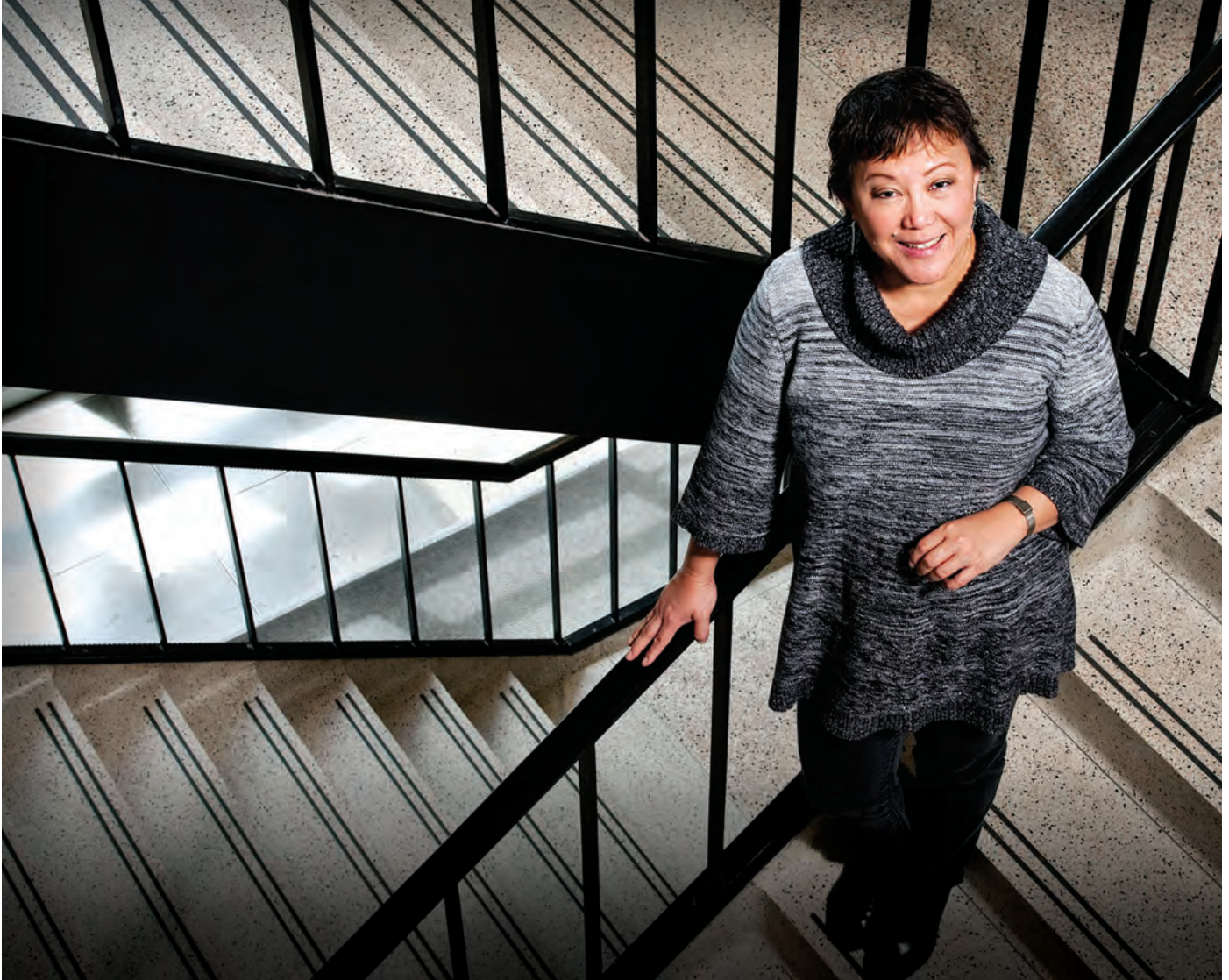
These are just some of the topics covered by U of T faculty experts for the U of T in Your Neighbourhood (UTN) program in 2014. Alumni from around the Greater Toronto Area gathered in community venues such as their local library to hear researchers deliver talks with intriguing titles such as “The Doctor Will Tweet You Now” (Professor Karen Devon, Surgery) and “The Car that Drives Itself” (Professor Raquel Urtasun, Computer Science).

“The UTN speakers really are worldclass, and each lecture is very engaging,” said attendee John Maitland (MEd 1981). “The program has renewed my sense of belonging to U of T,

and I’m pleased to see that the University has an ongoing interest in its alumni, and our desire to have a lifelong learning experience.”

One of President Meric Gertler’s priorities for U of T involves better connecting the University with the city for the mutual benefit of both. The U of T in Your Neighbourhood program plays a valuable part in achieving this goal by making University research easily accessible to graduates living in the region. This past year, more than 1,400 alumni and friends attended 25 thought-provoking presentations offered right where they live.

David Fisman is Professor of Epidemiology at the Dalla Lana School of Public Health with a special interest in infectious diseases. His presentation on Ebola reviewed this year’s crisis in West Africa, discussed why it was different than other outbreaks and provided attendees with recommendations for trustworthy



PROFESSOR AND ENTREPRENEUR **CYNTHIA GOH**, ONE OF THE FACULTY MEMBERS WHO PARTICIPATED IN THE U OF T IN YOUR NEIGHBOURHOOD SERIES THIS PAST YEAR, IS THE DIRECTOR OF U OF T'S IMPACT CENTRE, WHICH PROMOTES COLLABORATIONS AMONG STUDENTS, RESEARCHERS AND INDUSTRY PARTNERS IN AREAS SUCH AS SOLID-STATE LIGHTING, SYNTHETIC BIOLOGY, NANOMATERIALS AND HIGH-TECH DEVICES.

Twitter handles on this hot topic. "For me as a faculty member, it's really exciting and fun to share what I'm working on with a group of smart and engaged non-experts from the wider U of T community," he reflects. "Sometimes working in a highly specialized community can be a bit of an echo chamber and it's helpful both having to describe our work in plain language, and getting the feedback from folks seeing it through new eyes."

Some of the other presentations that took place throughout the year included:

- The Curious World of Probabilities — Jeffrey Rosenthal, Statistics
- Water Security in Toronto — Jennifer Drake, Engineering
- How Children Learn to Tell Lies — Kang Lee, Institute of Child Study, OISE
- Unlocking the News: Empty Newsrooms and the Bright Future of Our Media — Robert Steiner, Munk School of Global Affairs
- How to Balance Work–Life Commitments — Scott Schieman and Sarah Reid, Sociology
- What's Going on in the Arctic? — Dick (W.R.) Peltier, Physics
- The First 2,000 Days of Life — Stephen Lye, Fraser Mustard Institute for Human Development
- From Fundamental Science to Societal Benefits: Entrepreneurship at U of T — Cynthia Goh, Chemistry

BOUNDLESSIMPACT

\$273 million

For student support

The University of Toronto offers a highly supportive environment for its undergraduates through innovative learning communities and generous student financial aid. Boundless is building on this commitment to accessibility and outstanding education by raising \$273 million to date in support of student aid and programs that foster smaller learning environments and nurture excellence inside and outside the classroom.

UC ONE STUDENT **OLIVIA OLIVEIROS**

ONE PROGRAMS

One of the distinguishing characteristics of U of T is the remarkable breadth, depth and diversity of our academic community. What makes our undergraduate experience great is the presence of close-knit, small learning communities within this larger academic universe. Undergraduates can choose from a remarkable range of programs and courses, while also having access to top faculty in small learning environments. These faculty are leading thinkers who are defining and solving some of the greatest challenges of our time. So while the U of T universe might be large, it's not impersonal.

The One Programs at U of T were created to foster intimate learning experiences for first-year students. Pioneered by Victoria College, One Programs enable first-year students to explore their interests and engage with the local community through theme-based courses, co-curricular events and experiential learning opportunities within small group environments.

One Programs are now offered by all seven colleges in the Faculty of Arts & Science, as well as the Munk School of Global Affairs, U of T Mississauga and U of T Scarborough. These distinctive first-year programs are an essential part of U of T's efforts to foster critical thinking and develop essential university skills such as writing and intellectual independence among first-year students. Many of the programs also include a community-building component which fosters leadership and civic-mindedness.



MAUREEN AND VICTOR DODIG AND FAMILY

FOUNDATIONAL GIFTS TO ONE PROGRAMS

A number of generous supporters have come forward to support the University's One Programs. Victor Dodig (BComm 1988 SMC) and Maureen Dodig and their family gave \$500,000 to St. Michael's College's SMC One: Cornerstone Program. Together with University matching funds, the gift helps the program offer a powerful examination of social justice, allowing students to explore the concept from a number of viewpoints and work with classmates to implement a service-learning project.

Rose M. Patten (Hon. LLD 2009), former Chair of the University's Governing Council, continued a lengthy history of contributions to U of T by giving generously to Woodsworth One. This program explores concepts of law and order through seminars, community-building activities, student leadership events and other initiatives.

The desire to help students motivated a gift by James Mossman (BComm 1981 UC) to University College. "The idea of having more direct contact with a great professor in an intimate classroom: I see the power of that. I want kids to have that opportunity." Mossman is the founding donor for UC One, which offers a set of courses that address different aspects of Toronto, such as its communities and their place in Canada, and the performing arts scene.

Richard Rooney (BA 1977 NEW) provided a \$1 million gift to the program at his alma mater, New College. New One: Learning Without Borders gives first-year students a chance to take part in small learning communities and weekly plenary sessions, and have one-on-one interaction with faculty members.

Anne Steacy's (BA 1976 TRIN) love of science and learning was at the heart of her \$1.5 million gift to the Margaret MacMillan Trinity One Program. Her gift established two new streams in the program. The Anne Steacy Biomedical Health Stream will offer students a look at how science is executed and interpreted to provide new insights into the scientific process. The Anne Steacy Health Science and Society Stream is designed to provide students with insights into ways scientific discovery impacts society and how society perceives global health and public policy.



FORMER U OF T PRESIDENT **DAVID NAYLOR** WITH C. DAVID NAYLOR SCHOLARS **BHARETH KACHROO, VALERIE CHU, LUKE KYNE, ELIZABETH GROSS AND IMRAN LADAK.**



DAVID SCRYMGEOUR WITH COMMERCE STUDENT **SIOBHAN SCOTT**

HONOURING A PRESIDENTIAL LEGACY

Two major entry scholarship programs were established in honour of U of T's 15th president David Naylor (MD 1978) at the conclusion of his term last year. The C. David Naylor University Scholarships for undergraduates and the C. David Naylor University Fellowships for graduate students are aimed at attracting the brightest students and supporting their development as leaders in an increasingly global environment.

The undergraduate scholarships are valued at \$20,000 each and are among the top entrance awards in North America. The six inaugural recipients began their studies in Fall 2014. The fellowships, valued at \$30,000, will support outstanding candidates from Atlantic Canadian provinces who are admitted to graduate programs across the University.


Alumni and friends stepped forward to create the awards, inspired by visionary commitments from Arthur Scace (BA 1960 TRIN, Hon. LLD 2003) and Susan Scace (BA 1963 TRIN, Hon. DSL 2003 TRIN, Hon. LLD 2013) and the Henry White Kinnear Foundation, who each supported the undergraduate awards, as well as Sandra Irving (MA 1966), Arthur Irving, and the Arthur L. Irving Family Foundation, who permanently endowed two graduate awards.

INSPIRING A NEW GENERATION OF INNOVATION LEADERS

David Scrymgeour (BComm 1979) provided a \$1.5 million gift to endow the Building Canadian Leaders Matching Scholarship Program. Scrymgeour, the current Executive-in-Residence for the Rotman Commerce Program, had already established a scholarship aimed at students who demonstrate both academic excellence and an involvement in sports and extracurricular activities, community engagement and an entrepreneurial spirit. The new scholarships will also be awarded on the basis of academic achievement and athletic involvement, along with a focus on community engagement and leadership potential, with a preference for students in the management, finance and economics specialist streams. Under the Building Canadian Leaders Matching Scholarship Program, donations of \$25,000 or more to establish endowed scholarships at Rotman Commerce will receive a 1:1 matching amount.

BOUNDLESS PROMISE

The campaign introduced an innovative new program to help our generous donors level the playing field for talented students in financial need. The Boundless Promise Program matches the impact of donations of \$25,000 or more in support of needs-based awards at the University (see page 32).



“Educating a girl
means educating
the whole society.”

Born into poverty to teenage parents, MasterCard Foundation Scholar **Emmanuela Alimlim**'s dream is to reduce rates of teen pregnancy and improve access and quality of education in Africa, especially for girls. The second-year finance and economics major is on her way to realizing her aspirations. Emmanuela has developed a girls' education and training program in her home country of Kenya called Penda Dada (Swahili for "love your sisters"). Recently she was awarded a UNESCO Clubs Youth Multimedia Competition award for her video entry highlighting the Penda Dada Initiative: "I want girls to lean on my shoulder. To see that there is somebody who cares for them. I want to empower them. I want to mentor them...to change the lives of young girls through education."

Changing Africa One Student at a Time

There is cause to celebrate Africa's economic growth and improvements in education over the past decade. Yet progress remains fragile. Young Africans continue to face significant barriers to higher education and good jobs. U of T is proudly partnering with the MasterCard Foundation Scholars Program in one of the most ambitious education initiatives in Africa. Together, we are developing Africa's next generation of leaders.

The MasterCard Foundation Scholars Program is building a global network of partners, including the University of Toronto, to provide comprehensive support to talented young people pursuing secondary and university education. Over the next 10 years, an estimated 15,000 young women and men will be given the opportunity to complete their education at top universities and secondary schools around the world. The Foundation's aim is to move toward achieving education for all in a way that creates opportunities for bright young minds to become the next-generation leaders in their communities.

Sixty-seven MasterCard Foundation Scholars will study at the University of Toronto over the next five years. Nine Scholars have already arrived, joining more than 430 students from 31 African countries now studying at the University of Toronto. These remarkable young women and men bring a great deal of experience and creativity to the University of Toronto community.

In addition to their academic studies, the Scholars are engaged in a wide range of speaking engagements and activities across campus and the wider community, including a dynamic presentation to the Governing Council in 2014.

These young leaders will play an important role in Africa's continuing development and will be lifelong bridge-builders between their countries and Canada. When they graduate, the Scholars will return to their home countries where they will apply their education and experiences gained at U of T to help to build Africa's infrastructure, economies, universities and schools, medical establishments and cultural institutions, and play an important role in the life of their communities, countries, continent and world.

Engaging with Alumni Around the World



ALEXANDRA DE FREITAS IS A REGIONAL ALUMNI REPRESENTATIVE IN CALGARY.

When Alexandra de Freitas (MBA 2008) moves to a new city, she's found the best way to meet people is through alumni connections. So when IBM recruited her to work for its Calgary office as a project executive in 2010, she reached out to U of T and the Rotman School of Management to find out if there were any alumni events in the area.

"I wanted to immerse myself in Calgary life and knew from past experience that fellow alumni would help connect me to the city and all that it has to offer," she said.

Soon after, Alexandra became a regional alumni representative for U of T and the Rotman School; for the past four years she's helped to organize events aimed at bringing Calgary-based alumni together, such as lectures, pub nights and networking for young professionals. A recent outing saw a U of T team compete in a softball tournament against alumni from other universities.

In 2014 regional volunteers like Alexandra organized 74 events in cities around the world where U of T has an alumni presence. Such events—which include dinners, book clubs and talks featuring notable alumni—help alumni maintain connections with old friends, network, find out what's happening at their alma mater and discover ways to remain involved. These more casual

gatherings complement alumni events organized by the University, which aim to bring thought-provoking content to U of T graduates no matter where they are in the world. The University events are typically hosted by the President, the Chancellor or a faculty member conducting innovative research, and help to strengthen U of T's international partnerships and presence, a priority for President Meric Gertler. Since taking office just over a year ago, he has visited almost every major alumni branch on four continents, travelling more than 56,000 kilometres. Over the course of 2014 he has also held round tables in Vancouver, New York, Ottawa and London (UK) where he solicited feedback from invited alumni on his priorities.

Alexandra feels that alumni branches are of immense value, particularly for people living outside the Greater Toronto Area, and would encourage her fellow alumni to get involved. "My experience has been that U of T and Rotman alumni are very inclusive. And because there are fewer alumni in locations like Calgary it tends to be more of a close-knit community," she explained. "You get to make contacts, not only professional, but social. And these connections are with like-minded individuals. There's an instant familiarity that comes with meeting people from the same university, often the same program—they share the same institutional culture and pride."



BELOW: CHANCELLOR **MICHAEL WILSON** SPEAKS TO ALUMNI IN LONDON (UK).



85

Alumni branches worldwide

135

Alumni events in 57 cities attracted more than 5,700 alumni last year; 74 of these events were organized by regional volunteers

x4



Over the past six years, alumni attendance at regional events has more than quadrupled



Since 2008, the number of cities hosting alumni events has increased from 12 to 57

Promising Opportunity for All

In a time of increasing inequality, our generous donors, in partnership with U of T, are helping to level the playing field for talented students in financial need. The Boundless Promise Program doubles the impact of gifts of \$25,000+ in support of need-based awards at the University.





DR. ROSLYN HERST, MEDICAL STUDENT PAIGE ZHANG AND DR. MURRAY HERST

Since 2012, more than 100 donors have established scholarships under the Boundless Promise Program.

The University of Toronto educates the best and brightest students from Canada and around the world. We have a proud legacy of nurturing future leaders across a broad spectrum of fields; our graduates apply their talent and resolve to improving lives and communities.

As a leading public university, we are committed to ensuring that every person accepted to U of T will receive a world-class undergraduate education, regardless of their ability to pay for it. This dedication to accessible excellence sets U of T apart from peer public universities in the United States and elsewhere around the world.

Our donors have made U of T's remarkable commitment to accessibility possible. We are extremely proud of the fact that U of T supports more students from lower-income households, and allots more dollars from our operating budget to bursaries and scholarships, than any other Ontario university.

Through the Boundless Promise Program, the University of Toronto has committed to supporting—in perpetuity and on a matching 1:1 basis—the annual income generated by new endowed donations of \$25,000 and up, which are designated for undergraduate need-based financial awards. The first

Boundless Promise scholarship was created in memory of Lynd Forgyson, who served as Registrar, Vice-Principal and then Principal of University College from 1989 until 1997. The scholarship is directed toward students pursuing the discipline of philosophy, which was Forgyson's passion. "This is not only to celebrate my husband's life of intellectual exploration, but to promote student interest in critical thinking," said Georgiana Forgyson.

Daniel Haas, Dean of the Faculty of Dentistry, established the George and Olga Haas Scholarship in memory of his parents, who placed tremendous value on higher education. "Students are the future of dentistry," said Haas, "and their futures bring better health to the people of Ontario, Canada and the world. Providing financial aid is a tangible way of showing our students we support them, recognize their commitment and hard work, and understand the financial pressures associated with studying dentistry."

For Dr. Roslyn Herst (MD 1958) and her husband Dr. Murray Herst (MD 1955), the Boundless Promise Program offered an exciting opportunity to support tomorrow's health leaders. Through their financial support, U of T medical students are finding their own paths that lead to successful careers. "We both had interesting and successful careers," said Roslyn, "and we wanted to give something back to the Faculty that helped us along our path."

\$176 million

For faculty support

\$760 million

For programs and research

The Boundless campaign has to date raised \$176 million in support of chairs and professorships and \$760 million for innovative programs and cutting-edge research. These investments are helping U of T attract some of the world's most talented thinkers, inventors, innovators and educators, while providing the resources our faculty needs to advance knowledge and make critical discoveries for a healthier, more sustainable, prosperous and secure future.



ASTROPHYSICIST **NEIL DEGRASSE TYSON**, HOST OF PBS'S *COSMOS: A SPACETIME ODYSSEY*, DELIVERED THE INAUGURAL DUNLAP PRIZE LECTURE TO A SOLD-OUT CROWD AT CONVOCATION HALL.

EXPLORING THE UNIVERSE

The Dunlap Institute is home to one of the world's most significant endowments dedicated to the study of astronomy and astrophysics. Generated by the University's sale of the 190-acre Dunlap lands in Richmond Hill in 2008, the endowment builds a legacy from the original gift from Jessie Dunlap in the 1930s in memory of her husband, David, an amateur astronomer. Since its establishment, the endowment has enabled the Dunlap Institute to become a world-leading centre fostering investigation into the most fundamental questions about the universe. The Institute consolidates the University's international reputation as a pioneer and world leader in astronomical research and education by focusing on research, teaching, advanced training and public outreach in astronomy and astrophysics. The Institute is also developing scientific instrumentation for world-class observatories and fostering major national and international research collaborations.

"What the Dunlap Institute has achieved in the few short years it has been operational is a testament to the ingenuity, passion and tenacity of the leadership of our astronomers who are forging collaborations with the international astronomy community," said Prof. David Cameron, Dean of the Faculty of Arts & Science. "It is also a testament to the belief and vision of the Dunlap family, who have supported this enterprise since its very conception." Just this past year, the Dunlap Institute launched the Long

Wavelength Laboratory, designed to test and develop microwave detectors destined for a telescope at the South Pole. Soon, researchers at the Institute will be able to track the evolution of large-scale structures within the universe, the accelerating expansion of space and, using infrared technology, explore ways to potentially detect intelligent life across the cosmos.

The Dunlap Institute is also extending the University's reach by cementing strong partnerships with like-minded organizations committed to public education, and by designing and hosting large-scale events and innovative programming that brings many in the broader community to campus. Last spring, the inaugural Dunlap Prize in Astronomy and Astrophysics was awarded to renowned American astrophysicist, cosmologist and author, Neil deGrasse Tyson. The high demand for his public lecture—many times the capacity of Convocation Hall—was one indication of the innate thirst for knowledge of the cosmos across all generations. The endowment has also supported highly qualified fellows in astronomy and astrophysics, including internationally renowned Prof. Bryan Gaensler as the Institute's new director.



OUR FIRST 2,000 DAYS

Evidence is mounting that what happens to us in the first 2,000 days of life—from conception to age six—can be critical to our long-term well-being. However, as a society we still don't do enough to provide every child the opportunity to get the best start in life by optimizing this important developmental period. The Fraser Mustard Institute for Human Development (FMIHD) is a bold and necessary response to this challenge. The FMIHD has made the University of Toronto a leading centre of research in early human development. The first of its kind in Canada, the Institute brings together University of Toronto researchers from a variety of disciplines—such as education, medicine, psychology, biology and social work—to connect in new ways and combine their knowledge toward the study of early human development.

The FMIHD has supporters from Canada and around the world. To date, more than \$4.5 million has been raised toward an initial \$20 million goal, thanks to the generous support of key supporters including the Honourable Margaret Norrie McCain (BA 1955, Hon. LLD 1996), Dr. Eric Jackman (BA 1957, MA 1962, Hon. DSc 2013), former Toronto Maple Leafs captain Mats Sundin, Eb and Jane Zeidler, Maple Leaf Sports and Entertainment and the Lawson Foundation, among many others.

ADVANCING CHILD NUTRITION

The World Food Summit of 1996 defined food security as “when all people at all times have access to sufficient, safe, nutritious food to maintain a healthy and active life.” Brian Lawson (BA 1982 TRIN) and Joannah Lawson (MIR 1989) have long been committed to nutrition and advancing the health and well-being of children. To help realize their goal, they have made a \$5 million donation to nutritional sciences in the Faculty of Medicine. The Lawsons’ gift supports the work of the Centre for Child Nutrition, Health and Development. It has set the stage for establishing an endowed chair in nutrition; advancing research and education; creating an expendable fund to advance the cause of good nutrition as a public policy priority; and establishing a term chair in microbiome nutrition research (microbiomes are the community of microorganisms that inhabit the human body).

HARBINGER OF HUMAN HEALTH

The health of our ecosystem is tied to the well-being of Canadians and people around the world. From adequate food and water to disease regulation, our health depends on resources derived from the natural environment. The Krembil Foundation has provided a \$1.6 million gift to U of T Scarborough in support of basic research that explores the intricacies of aquatic ecosystems. The generous contribution will fund state-of-the-art equipment that will allow researchers Myrna Simpson, Andre Simpson and George Arhonditsis to study how the metabolisms of daphnids—tiny freshwater crustaceans, just five millimetres long—are affected by pollution and other stressors. Results of this research will be used to develop tests that give early warning signs of environmental damage based on physical changes experienced by the tiny daphnids.

ADVANCING BRAIN RESEARCH

Brain injuries and stroke affect 80,000 to 100,000 Canadians every year and are the leading cause of disability worldwide. Survivors often have difficulties with daily activities and participation in their communities due to mobility, communication, cognitive and perceptual impairments, and only about half are able to return to work. March of Dimes Canada and the University of Toronto have signed a \$1.5 million agreement to advance research in recovery from brain injuries and stroke, making the donation to the University the largest by the national charitable organization in its more than 60-year history. With this donation, March of Dimes Canada is acting on its mission to “maximize the independence, personal empowerment and community participation of people with physical disabilities” by establishing the March of Dimes Canada Early Career Professorship in U of T’s Department of Occupational Science and Occupational Therapy.

BRINGING THE WORLD TO U OF T

Madeleine Albright, Lloyd Axworthy, Jean Chrétien, Bob Rae (BA 1969 UC, LLB 1977, Hon. LLD 1999) and John Turner are just a few of the household names to visit the Bill Graham Centre for Contemporary International History. The Hon. Bill Graham (BA 1964 TRIN), Chancellor of Trinity College, who for two years represented Canada on the world stage as Minister of Foreign Affairs, made a historic \$5 million gift to Trinity to support scholars of recent international history. Graham’s gift to the Centre for Contemporary International History—the largest ever to Trinity—has allowed the Centre (established in 2011) to expand, forge academic partnerships abroad, and bring diplomats, elected officials and others involved with public life to U of T to share their behind-the-scenes knowledge of international affairs. The Centre, which examines global events since the Second World War, is a joint venture between Trinity College and the Munk School of Global Affairs.

BOOSTING ENVIRONMENTAL SCIENCE

U of T’s School of the Environment has received a significant boost to its educational and research capacities thanks to a generous gift from the Beatrice and Arthur Minden Foundation. The Foundation’s activities are currently managed by the children of Beatrice and Arthur, who share a vision to support solutions to ecological problems. For this reason, they have established the Beatrice and Arthur Minden Graduate Research Fellowship, which will strengthen research on environmental issues by providing opportunities for PhD students to participate in conferences, summer schools, fieldwork and collaborative visits to research groups across Canada and around the world. They have also established the Beatrice and Arthur Minden Symposium on the Environment, which will enable the School to bring together international researchers and cross-disciplinary scholars to discuss the most urgent environmental issues. “We hope that this annual event will catalyze meaningful new collaborations on key environmental issues, leading to new ideas and insights, proposals for workable solutions and plans for future interactions,” said the school’s director, Kimberly Strong.

Building Alumni Communities

As a university of neighbourhoods, U of T offers alumni a great diversity of ways to connect with their alma mater, build social networks and contribute to the future success of the University. The University of Toronto Chinese Alumni Association and the Senior Alumni Association are just two examples of the 130 alumni groups which are helping graduates express pride in the University and give back time, knowledge and support to U of T.

When Michael Shang, President of the University of Toronto Chinese Alumni Association (UTCAA), thinks of the time and work he puts into being a volunteer, he remembers the inspirational words of Chinese businessman Kai-Fu Lee.

In an interview, Shang quoted Lee as saying: “If you want to prove your value to the world, imagine a parallel world without you and consider the difference.” Shang, 24, said, “I like to be that difference – it’s all about adding value.”

Shang (BComm 2013 INNIS) became president of the UTCAA last May. It is still a fledgling organization, founded less than three years ago by several Chinese alumni and students.

But despite its young age, the association has been extremely busy organizing events and already has 983 members in its Facebook group and more than 800 people on its email data list.

“We target young alumni,” said Shang, who came to Canada from Beijing six years ago. “That’s why we have such large crowds attending our events. The feedback is very positive.”

It is important, though, that the association reach out to a broader community, Shang said. At association events, people have met new mentors, found jobs and even begun personal relationships. “One girl told me she met her boyfriend at one of our events.”

The association’s major event in 2014 was a Marketing Yourself conference in March, aimed at new graduates (one to three years) and grads who had established themselves in their profession. Former NDP MP Olivia Chow spoke to the conference, which attracted 130 people. Shang is planning another session in 2015.

While the focus is obviously on Chinese alumni, Shang said “we really don’t want to target just Chinese, we want to connect with everybody, to have more collaborative dealings with other organizations,” pointing to a meeting with the Indian Alumni Society.

The association also has several community partners, including Asians Without Borders, the Bay Street BBS, the Federation of Chinese Canadian Professionals and the North American Association of Asian Professionals.

Shang said future plans include “engaging more senior Chinese alumni. We are thinking of forming an advisory board that would include more senior graduates, so we can become more of an influence in the community and organize more meaningful events.”

One such meaningful event was the association gala held in Markham in November, which attracted 150 people and included a 10-course meal. Shang also hopes to have another Spring Reunion event in 2015. UTCAA’s SHAKER event two years ago was a great success, he said.

Shang said the association would not be succeeding except for the tireless work of his executive committee—Shawn Xiao, Lavender Zhang, Jeffrey Ma, Faye Ding, Meiling Cheng, Raymond Diep, Ella Wang and Ashley Liang.

The association is also considering starting a mentoring program. “I have had my share of difficulties too,” Shang said. “I would really like to help others. It’s really just about giving back.”

**MICHAEL SHANG****MAUREEN SOMERVILLE**

The Senior Alumni Association (SAA) was established almost 40 years ago to help graduates 55 and over reconnect with the University of Toronto, and people such as Maureen Somerville (BA 1969 UTSC, BEd 1970) are helping it flourish today. Somerville, who was a member the Governing Council for nine years, is President of the SAA and heads an executive committee that meets 10 times a year at 21 King's College Circle.

The lifeblood of the association, which has about 500 members, is the Canadian Perspective Lecture Series. Last year there were 29 lectures, most of them given by U of T professors. One of the benefits of the lecture series, Somerville said, "is the whole concept of keeping the brain alive. The more you shove into it, the more you remember and the more likely you are to stay mentally healthy." She notes that some people in their nineties are regular attendees.

The association's members are also regular volunteers at such events as Spring Reunion and conduct tours of such places as Robarts Library. They have even volunteered to act as patients for first-year nursing students. The SAA also funds student awards including scholarships at Woodsworth College and University College.

100 Years of Social Work

Homelessness. Aging. Cyberbullying. Mental health. Poverty. Domestic violence. Social workers are on the front lines of the most serious challenges facing today's society. Thanks to a remarkable gift from Lynn Factor and Sheldon Inwentash in 2007, Canada's first school of social work, which celebrated its 100th anniversary in 2014, is helping to transform lives and communities in Canada and around the world.



LYNN FACTOR AND SHELDON INWENTASH

Passionate about social justice, Lynn Factor and Sheldon Inwentash (BComm 1978, Hon. LLD 2012) believe that an effective way to assist society's most vulnerable is to ensure that those with vocation and talent graduate as social workers from one of the world's most highly respected schools.



The women and men most eager to complete their graduate training in social work demonstrate great potential, but sometimes money can get in the way. Fifty scholarships established through a gift of \$15 million from Lynn Factor and Sheldon Inwentash to U of T's Faculty of Social Work in 2007 make it that much easier for these talented students to become highly skilled social workers. This gift also endowed five research chairs, ensuring that the Faculty can attract and keep in-demand researchers and educators with specialties in health care and mental health; children's mental health; the development, welfare and protection of children; social work in the global community; and law and social work.

Lynn Factor, a social worker for 25 years, knows from front-line experience the importance of equipping members of her profession with the knowledge and skills needed to help clients. Sheldon Inwentash learned from Lynn Factor just how valuable social work can be, and was seeking an opportunity to give back to his alma mater in thanks for his success in business. U of T's Faculty of Social Work seemed the ideal recipient for their donation, which at the time was the largest of its kind in North America. The Faculty was named the Factor–Inwentash Faculty of Social Work in their honour.

Seven years later, as we celebrate 100 years of social work at U of T, society is reaping the results of the couple's significant investment. Newly graduated social workers apply what they've learned in communities across Canada and further afield. Some doctoral graduates are going on to teach others and initiate studies in areas of emerging concern. And the research carried out by the Factor–Inwentash chairs is making influential contributions to global knowledge, approaches and policy—and to the lives of children, youth and adults everywhere.

Caring for Mind and Body

The statistics are staggering: as many as 1.3 million Ontarians suffer from combined physical and mental illness. Our health care system, which is primarily geared toward addressing physical illness, often fails to detect and treat underlying mental health issues. The new Medical Psychiatry Alliance, generously supported by an anonymous gift of \$20 million, is dedicated to closing this gap through reforms to the entire health care system.

The scenario is all too familiar. A patient in physical pain visits a doctor's office. In an effort to treat the patient, our health care system focuses on treating the physical symptoms, without exploring potential underlying causes such as depression, addiction, isolation and other debilitating mental health issues.

The problem is that the system is designed to focus on either physical or mental illness, but not both at the same time. As a result, diagnoses, tests and treatments often miss the mark and result in prolonged suffering and multiple medical visits. Health care professionals can readily cite examples, such as the case of a teenage girl with numerous health issues who suddenly stopped eating. After an MRI and other tests, doctors realized she wasn't eating because she simply couldn't decide what to eat, an unforeseen symptom of her obsessive compulsive disorder. One estimate places the cost of such misdiagnosed cases in Ontario at \$2.75 billion.

A remarkable \$20 million donation from an anonymous donor set the wheels in motion for the creation of the Medical Psychiatry Alliance to address these issues. The alliance is building dedicated

care models for those with combined illness and will ensure long-term change throughout the system based on research and new approaches to educating health professionals. Professor Trevor Young, former Chair of U of T's Department of Psychiatry and Dean of the Faculty of Medicine, hailed the creation of the Medical Psychiatry Alliance: "We are confident that this is one of the most clear and direct opportunities to improve health care in Ontario."

A historic partnership between four founding institutions will carry out this ambitious agenda: University of Toronto, the Centre for Addiction and Mental Health, the Hospital for Sick Children and Trillium Health Partners. The gift was matched by a \$20 million investment from the Ontario government, while the four partners also agreed to contribute \$20 million collectively.

U of T President Meric Gertler acknowledged the widespread impact made possible by the anonymous donor: "While the countless individuals who benefit from your generosity will not know you by name, you will be a crucial source of healing in their lives. For that we are all deeply grateful."