“Communities stand or fall on each person’s willingness to invest in other people.”

David H. Turpin
President and Vice-Chancellor,
University of Alberta
Thanks to a donor-funded scholarship, fourth-year history student Emily Tran has been able to connect her research in educational equity to the community as a volunteer tutor, helping kids like Tia-Lou Rittman, 9, develop their English and math skills.
Geniene Korrall found out at 34 weeks pregnant that her baby’s heart was beating too fast. Baby Jake was diagnosed in utero with a dangerous condition that could lead to heart failure. Not long ago, Jake’s odds of survival would have been no better than a coin toss.

But today, both Jake and his mom are healthy and thriving thanks to research and treatment made possible by philanthropic investment in the University of Alberta’s Women and Children’s Health Research Institute (WCHRI).

In 2016, the institute received a $54.5-million donation, including $14.5 million from the Royal Alexandra Hospital Foundation — and $40 million from the Stollery Children’s Hospital Foundation, the largest single gift in the university’s history. These foundations collectively represent thousands of donors.

Hearts Ascending

This year you propelled women’s and children’s health research

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1
WCHRI is the only research institute in Canada to focus exclusively on women’s, children’s and perinatal health

$35M
Cost per year to the Alberta health system to care for preterm infants — a cost that WCHRI research helps to reduce

450
Number of WCHRI researchers, clinicians and graduate student trainees whose research will lead to healthier women and children

95%
Survival rate for unborn babies with an abnormally fast heart rate, thanks to research done by members of the institute. Previously, half of babies with the condition died before birth

600
Research projects supported by WCHRI expertise and services from 2006 to 2017
Before an audience of 80, two teenagers present a video slideshow of the Syria they once knew: the lush rolling hills, the stunning architecture of Damascus. “We were living in our heaven,” says the young voice narrating the video.

The teens, Roaa Sharaf, 19, (left) and Moataz Aloklah, 18, (right) were able to share their story thanks to a UAlberta student-created program that helped more than 40 young newcomers to Canada — some of whom are refugees — make short multimedia “digital stories” about their journeys to Edmonton from places as diverse as Nigeria, the Philippines and Syria.

Program founder Punit Virk, ’15 BSc, says the Newcomer Empowerment Through Stories initiative — a UAlberta Community Service-Learning project made possible by the Boardwalk Rental Communities Learning and Change Award — gave the teens digital skills and a safe space to express themselves despite language barriers and different backgrounds. Virk, now a graduate student in public health, says the experience stoked his life’s passion to improve mental health care for youth.

Sharaf, one of the Syrian teens whose video brought the audience to tears, says the digital storytelling program helped build her confidence. Meeting youth from around the world who shared her experience as a newcomer made her feel less like a stranger and more, well, at home. “I realized I wasn’t alone,” she says.

This year you helped new Canadians share their stories

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### This Year You Made More Possible

You are one of 19,684 donors. Together, you gave $176.7M.

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### Your Gifts Create Amazing Things

Here's what you supported in 2016-17:

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research</td>
<td>64%</td>
<td>You advanced research and discovery, and helped attract talented faculty.</td>
</tr>
<tr>
<td>Programs</td>
<td>21%</td>
<td>You enhanced teaching, experiential learning, and student research opportunities.</td>
</tr>
<tr>
<td>Facilities</td>
<td>9%</td>
<td>You transformed campus through new and enhanced buildings, labs, libraries, and learning spaces.</td>
</tr>
<tr>
<td>Awards</td>
<td>6%</td>
<td>You reduced financial barriers for students and helped them achieve their potential.</td>
</tr>
</tbody>
</table>

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### Your Gift Has an Enduring Impact

Donors to endowed funds provide the university with a steady, predictable, and perpetual source of income.

- **$1.3B**: Value of UAlberta endowment
- **$36.8M**: Available in 2016-17 from endowment funds to support research, teaching, and learning
- **123**: Total chairs and professorships created by donor-funded endowments

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### This Year You Helped Us Go Higher...

- **Top 5 in Canada**: 41 National 3M Teaching Fellows (the most in Canada)
- **Top 100 in the world**: 2nd largest research library in Canada
- **71 Rhodes Scholars**: 18 faculties
- **5 Campuses**: 37,830 students from 143 countries

...which helped lift up others: **$12.3 BILLION** UAlberta’s impact on Alberta’s economy.
Wahkohtowin Lodge is the new hub for Augustana’s Indigenous programs and services. Inspired by wahkohtowin, a Nehiyaw Cree concept meaning kinship, the lodge is an inviting space for all students to connect, study and learn more about Indigenous cultures.

Workshops in building capacity for reconciliation are open to all students, staff and community members. Participants learn from experts, engage in discussion and consider the Truth and Reconciliation Commission’s final report and 94 calls to action.

Peer mentors like fourth-year Métis student Seannah Rose develop leadership skills while helping other Indigenous students new to campus navigate the challenges of university life.

Visiting elders and knowledge keepers, like Myrna Yellowbird from Samson Cree Nation, support and advise Indigenous students and share knowledge through cultural workshops, lectures, dance performances and moccasin- and bead-making classes.

Pathways to Possibility
This year you helped reduce barriers for Indigenous students

Growing up in the remote town of Deline, N.W.T., Carson Roche (above left) from the Deline First Nation loved competitive sports but had to travel far from home to play. Now the fifth-year kinesiology student and soccer player for UAlberta’s Augustana Campus wants to help kids living in rural areas find focus and opportunity through organized sports. “Kids just need the right direction and path. If I can do it, they can do it.”

Thanks to donors, students like Roche from rural and Indigenous communities are finding their way home again to make a difference. Augustana’s new Pathways program is part of an increasing UAlberta effort to remove barriers facing Indigenous students and help them become leaders. Pathways participants pursue summer internships and conduct hands-on research with local organizations in their home communities.

Here are four other ways Augustana supports Indigenous students.

1. Wahkohtowin Lodge
2. Workshops in building capacity for reconciliation
3. Peer mentors
4. Visiting elders and knowledge keepers
Launching Leaders
This year you sent Alberta’s first satellite into orbit and history

The UAlberta student team who designed and built Ex-Alta 1 — the first Alberta-built satellite — is setting out to make a galactic impact, or as one team member put it: “help humanity become a multi-planetary species.” A legitimate long-term goal when you’ve actually sent something to space.

Ex-Alta 1 launched on April 18, 2017, from Cape Canaveral, Fla., on a European Commission-sponsored mission to study space weather and the lower thermosphere. Thanks to the generosity of hundreds of donors, this project benefits UAlberta students, the aerospace industry in Alberta and Canada, and international space research.

Ex-Alta 1 was UAlberta’s first crowdfunding project. Donors bought the satellite — and themselves — a “ticket to space” on the rocket. More than 600 donors’ names are etched onto a microchip attached to the satellite.

Ex-Alta 1 is about the size of a loaf of bread. Tiny, light and with a modular, easy-to-assemble platform, cube satellites provide an inexpensive but one-of-a-kind hands-on learning experience for students.

10 x 10 x 30 cm

For students
Constructing and operating a cube satellite gives students a hands-on learning experience unlike any other. The project has the attention of the Canadian Space Agency and is a stepping-stone for UAlberta students to future careers in the space industry.

For Alberta
The first made-in-Alberta satellite promotes space education and lays the groundwork for an aerospace industry in the province.

For Canada
Ex-Alta 1 supports Canada’s role as a global leader in space research, particularly as space exploration enters a new era of robotic and human space flight.

For the world
The satellite is gathering data to help us understand how space weather affects Earth and how we can prevent damage from solar storms. Severe space storms could knock out satellites and damage electrical power grids, estimated as a $2-trillion threat.

How Ex-Alta 1 is making a difference
Brody Clarke took a leap when he moved across the country to come to UAlberta. Born and raised in Toronto, the third-year civil engineering student and Golden Bears basketball forward chose UAlberta because of the athletic and academic programs and, just as importantly, because of the scholarship opportunities.

Thanks to several donor-funded awards, including four endowed scholarships, the six-foot-seven Clarke — a former Canada West Rookie of the Year, Academic All-Canadian student-athlete and member of the U19 Canadian national team — has been able to focus on his studies and be a role model for his teammates. This summer, Clarke will grow as a leader off the court in a student work placement with PCL Construction.

3,965
Number of students helped by donors in 2015-16 (the most recent data available)

1 in 3
Dollars of undergraduate student financial assistance provided by donors

2,599
Number of Academic All-Canadian student-athletes at UAlberta, the highest in Canada