It is always a pleasure to be asked to write this short introduction to our annual Donor Report. During the last year we have continued to grow our alumni engagement activities, discovering new alumni and friends, as well as supporting our existing networks across Australia and in more distant parts of the world.

As in previous years, I have been privileged to meet so many amazing people who have a genuine fondness for UQ and a real desire to assist us in so many ways to make this university even greater than it is already. This willingness to make a difference is having a real impact for our students. One example that perhaps illustrates this best is the growth in our MEET a Mentor Program. This started only four years ago as a pilot in the School of Chemical Engineering with 10 mentors matched to 10 mentees. Speaking at the Program’s welcome event, I was able to thank almost 150 mentors supporting the same number of our students across all engineering and technology disciplines.

I am very pleased to say that 2016 was another outstanding year for philanthropic support through our Faculty – your gift contributed to genuinely life-changing outcomes for students and researchers. Furthermore, you have supported research, programs and opportunities that go beyond UQ to impact the wider community, and for this I thank you.

An exceptional highlight for us was having the largest number of new donors at UQ join our Faculty’s philanthropic community. By choosing UQ, donors directly drive discovery and impact, transform teaching and learning, and empower student success.

The philanthropic support we receive from our alumni, staff and friends continues to have significant impact on the opportunities we can make available to our students and researchers. We are immensely grateful to those of you who have chosen to invest in the next generation at UQ through your generous financial support.

I hope this report will give you a greater appreciation of how your support plays a vital role in keeping The University of Queensland’s engineering, architecture, design and technology at the leading edge of innovation, both in education and research.

Warmly,

Professor Simon Biggs
Executive Dean
YOUR SUPPORT ALLOWS EXCEPTIONAL PEOPLE TO FLOURISH

Like you, we believe that lifelong success is fostered through great education – inspiring students to think differently, ask the difficult questions, be a positive disruptive influence, and fulfil every ounce of their potential.

We are also playing an important role in developing new solutions that meet society’s growing needs, by providing a rich and diverse flow of breakthrough technologies that are helping to improve communities around the world.

In 2016, donors directed their support to:

**TRANSFORMING TEACHING AND LEARNING**
$1.2 m + received in 2016
Lectureship, infrastructure and chairs create and contribute to innovative learning environments

**EMPOWERING STUDENT SUCCESS**
$661,000 + received in 2016
Scholarships and prizes to support access to education, residential or travel costs

**DRIVING DISCOVERY AND IMPACT**
$3.79 m + received in 2016
Research support helps us nurture cross-disciplinary teams who are working towards solving the great challenges facing humanity

$5.75 m funds received
(-$730,000 from 2015)

570 gifts received
(+51 from 2015)

400 donors
(+5 from 2015)
On behalf of the Faculty, we warmly acknowledge and thank you for the incredible generosity that you have shown over the past year.

Thanks to the kind support of alumni and friends of Engineering, Architecture and Information Technology (EAIT), we have been able to create opportunities to transform the learning experience for hundreds of students here at UQ. Your commitment to advancing education means that our graduates will aspire to more than just getting a job; they will know what success feels like, they will have clear ideas about their passion and direction, and the confidence to become great future leaders in their chosen field.

Later this year we will be marking a moment in Faculty history by celebrating the 100th anniversary of Chemical Engineering at UQ. The School is ranked number one in Australia and has produced some of our finest graduates who will help us to celebrate this occasion in style!

We are also delighted to report that the number of scholarships and prizes available for students across all of our disciplines has increased, meaning that more talented young people will now have the financial support to choose UQ, and make the most of a world-class education irrespective of their backgrounds.

In addition to this, philanthropy is helping us to fund life-changing research projects. Some highlights include:

- the use of drones to make Aussie farmers safer,
- technological advancements in healthcare to prevent health issues,
- creating better homes for Queenslanders in flood zones,
- working towards improving the lives of millions of people in developing communities, through our research in energy poverty and water sanitation.

Philanthropy makes all of this possible. By giving a gift to EAIT, you’re setting an example that helps us to build a culture that will inspire generosity in the UQ community for generations to come. Thank you.

If you would like to talk about your existing gift, or make a new one, please contact any member of the team.

Left to right: Lara Pickering, Cormac Murphy, Stephanie Robinson, Izzy Koh and Kimberley Bennett
"Working on making the 2016 Engineering Class Gift a reality is a fantastic opportunity to have the freedom to be creative and innovative without being financially constrained. The funds, raised and gifted by last year’s graduating engineering students, will give the Design and Build student team a chance to design and construct three solar-powered sun loungers for the University. We are honoured to receive such a generous gift from our peers and hope to do them proud with our work."

CAITLIN FIEGERT
MARNIE STOLLZNOW
Current civil engineering students

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"I felt that the simplest and most satisfying way to show gratitude to my university was through philanthropic support. For me, it was a good way of giving back, and through the 2016 Engineering Class Gift initiative, I was able to support a project that will benefit both architecture and engineering students."

BOSCO SEETO
Donor, Bachelor of Architecture 1970
“Cathy not only helped me with my career decisions, she fully believed in me and that inspired confidence in myself and brought out the best in me. My experience with this program has been nothing short of incredible. One day I’ll be a mentor too and then I hope to inspire and give as my mentor and this program has given to me.”

**VIVIAN LOOI**
Current chemical engineering student

“Ever since I decided to do chemical engineering from 12 years of age, I have enjoyed speaking with others about engineering, helping them learn what they want to do and to follow their dreams. As a mentor I am given the opportunity to help mentees obtain opportunities and learn from my and others’ experiences.”

**CATHERINE URQUHART**
Donor, Bachelor of Engineering 1984
“Dr Lim’s generous gift allowed the School’s researchers to pursue the benefits of using digital tools in the interpretation and preservation of built heritage. Dr Kelly Greenop led the development of a virtual reality (VR) version of the Wickham Terrace Windmill Tower – Brisbane’s oldest standing structure. The tower is inaccessible to the public and some of its historic features are no longer there. Using VR these can be reinstated, showing how they worked, as well as showing some of the entangled Indigenous history at the site. This is just the beginning. It is a startling new way of experiencing the past, and we anticipate that digital technologies, such as VR, will transform the field of heritage and conservation globally. Some of our students are travelling to Myanmar this year and will use digital technologies to record sites and develop their proposals. It is so exciting that UQ is able to be at the forefront of a transformation.”

PROFESSOR SANDRA KAJI-O’GRADY
Dean of Architecture and Head of School

“My small gift to my alma mater is to recognise how such a well-balanced education has contributed significantly to my success in life, with a hope that the research across the Faculty, and the discoveries it enables, will continue to create a positive impact in Australia and beyond its shores.”

DR LIM HUAT SENG (pictured)
Donor, Bachelor of Engineering 1968
UQ digital heritage researchers were able to use cutting-edge digital tools to virtually restore features of the historic Wickham Terrace Windmill Tower, Brisbane’s oldest standing structure.
I received an excellent education in information technology from UQ, although I didn’t fully appreciate that until after graduation when I was working in the United States alongside graduates from some of the top computer science schools there such as Massachusetts Institute of Technology (MIT) and Stanford University. As an alumnus, I felt it important to give back to the institution that had provided me with such a world-class education and a solid foundation of knowledge and skills that made me globally competitive in my industry. I felt supporting current students through the ICT Alumni Advantage Scholarship Fund was the best way to do this. There always seems to be too little public support for worthy students and so to me, being able to help someone who may have found it difficult to pursue an education at UQ, due to their family circumstances or other responsibilities, was very rewarding. I have also valued being able to meet and keep in touch with the recipients to hear how this support has made a real difference in their lives.”

BOB CHRISTIANSEN
Donor, Bachelor of Economics 1972
“Although the financial support from the scholarship was extremely beneficial, what meant the most to me was that there was someone out there who didn’t know me personally, but who wanted me to succeed at university. For someone who I had not met to care so much about my future was motivation for me to show Bob that he had made a good investment. His support has been the inspiration and encouragement for me to maintain a 6.0 grade point average throughout my studies. I still keep in touch with Bob to let him know how I am going and will continue to do so. I’m very grateful for his generosity.”

**BRADY WHITBY (pictured)**
Scholarship recipient, current information technology student
EMPOWERING GENDER DIVERSITY

“I am passionate about seeing more women in engineering enjoy a career with the excitement, fulfilment and challenges that I have had in mine – a passion that both UQ and I share. I wanted to support young women who do not have any natural mentors with an engineering background to encourage them to build their networks and ask for help when needed. I was very impressed by the calibre of the young women we interviewed (for the scholarship) and look forward to seeing them impacting the engineering profession soon.”

KATHERINE HIRSCHFELD
Donor, Member of UQ Senate
Bachelor of Engineering 1982

“Receiving the scholarship opened up so many doors for me during my first year at university, mainly networking opportunities that I could never have dreamed of accessing as a first year! It exposed me to the different pathways created by engineering, I met some inspirational people and seeing the amazing achievements of these people kept me focused. The scholarship changed me from a mere first year with hopes and dreams, to a confident student engineer who has mentors and figures in the workforce to look up to. I definitely do not take this for granted, and thank Kathy dearly for the opportunity.”

KATE DILLON
Scholarship recipient, current civil engineering student
“As a civil engineering student in the late fifties, my interest in the interaction between engineering and architecture was kindled by Professor Robert Cummings, the then Head of the School of Architecture, as he delivered a series of lectures on architecture to third-year civil engineering students.

During my professional working life this interest was strengthened by the realisation that the world’s great iconic structures were always the result of the architect and engineer working closely together as one.

Some three years ago, upon learning that UQ’s School of Architecture was now part of the Faculty of Engineering, Architecture and Information Technology, I felt that this was an opportune time for me to do something tangible in helping bridge the gap between the disciplines.

On meeting the Heads of the School of Architecture and Civil Engineering, I saw two leaders who understood very well the relationship between engineer and architect, and this continues today.

Although this is not my first financial contribution to the Faculty, it is without doubt the most personal and fulfilling, and I am thankful for the opportunity to support a lectureship in architecture and civil engineering.”

**Claude Reghenzani**

Donor, Bachelor of Engineering 1960
“Since commencing as an undergraduate student at UQ, I’ve enjoyed a long and inspired association with the School of Chemical Engineering. The challenges that we are facing globally in energy, water, resource management and secure food sources require cross-disciplinary solutions. As Director of the UQ Energy Initiative and the Dow Centre for Sustainable Engineering Innovation at UQ, I felt it important to make a gift that would support the development of the Sustainable Futures Building. This world-class facility will support the learning and discovery agendas for the whole of the University, become the new home for chemical engineering, and bring together the brightest young people and smartest minds in chemical engineering, science and innovation to generate global solutions.”

PROFESSOR CHRIS GREIG
Donor, Director of UQ Energy Initiative, Director of Dow Centre for Sustainable Engineering Innovation
“The philanthropic support from Northrop Grumman enables the UQ Centre for Hypersonics, within the School of Mechanical and Mining Engineering, to make strategic investments in world-changing ideas that could be the ‘big ones’ of the future. While our goal with this technology is to get Australia back into the satellite launch business, it also holds the promise of radically reducing flight times on Earth.”

PROFESSOR MICHAEL SMART
Chair of Hypersonic Propulsion, UQ Centre for Hypersonics
SCHOLARSHIP SUPPORT MAKES A DIFFERENCE

In 2016, thanks to the generous support of our alumni and industry friends, we were able to award more than $350,000 in scholarships and prizes to some of our brightest young minds in the Faculty of Engineering, Architecture and Information Technology. This sum includes 38 scholarships and prizes awarded to 78 students for a year or more of their studies at UQ. Some of our student recipients share how important this support is to them.

"The Bechtel Australia Engineering Scholarship appealed to me due to the company's delivery of unprecedented engineering feats on a global scale, with particular focus on innovation and sustainability. I applied for this scholarship as a means to form industry connections; not only did I receive invaluable financial provision, but I have also been fortunate enough to secure a role as an intern in the Bulk Materials Handling Group. Working with some of the most talented mechanical engineers in the industry has provided me with unparalleled experience and skill development. The scholarship will play a key role in facilitating my semester abroad at the Technical University of Munich, and has provided ongoing support with the financial burden of living away from home."

RUBY FRITZ
Scholarship recipient, current mechanical and materials engineering student

“I applied for the Curavis Fund Scholarship in order to ease the financial pressure on my family with me attending university and staying in a college. Since I was awarded the scholarship, I have been able to afford a second year at St Leo’s College where I am able to get the support I need to do well in my engineering studies.”

PJ BONNER
Scholarship recipient, current mechanical and aerospace engineering student
The Faculty attracts hundreds of applications each year for these scholarships and prizes, which support the brightest and most deserving students from across Australia and around the globe. If you would like to discuss how you can help support our students through a scholarship, please contact a member of the team.

“I applied for the Hatch Engineering Scholarship because it was a perfect opportunity for personal and professional growth. The scholarship provided more than monetary benefit, it gave a link to the true engineering world. By receiving this scholarship I have already been lucky enough to gain experience in a corporate environment, knowledge that supports my studies, and invaluable industry connections.”

CHARLESE CONOLLY
Scholarship recipient, current chemical and metallurgical engineering student

“Not receiving HECS-HELP, I had to work as much as I could, while balancing my university study. I applied for, and was fortunate to receive, the Roger Trundle Memorial Scholarship. Receiving this scholarship was a huge relief for me, as it helped ease the financial burden.”

HASINI PERERA
Scholarship recipient, current civil engineering student

“I applied for the Orica Australia Engineering Scholarship for a variety of different reasons. Firstly, the financial support offered through the scholarship will be very valuable helping me to successfully complete my degree. Secondly, the work experience involved with the scholarship is not just vital for the completion of my degree, but will also enable me to make contacts within the industry and gain industry experience. To me, this is an important factor in my development as an engineer. Personally, I saw Orica as a very exciting international company with a wide range of opportunities in many different industries. It was an enticing prospect to be associated and work with a company such as this.”

JAMES BARRETT
Scholarship recipient, current mechanical engineering student
WOMEN IN ACTION FUND
The Women in Action Fund supports female engineering, design and technology students to engage in community and industry based experiences – via study tours, student exchange, and short-term professional and personal development experiences. By mobilising our best and brightest female talent, we hope to nurture young women who aspire to careers in these fields, and positively influence diversity change beyond the university environment.
UQ Faculty-wide initiative: eait.uq.edu.au/women-action-fund

INNOVATIONS IN WATER RESEARCH
The Innovations in Water Fund has been established to enable UQ alumni, industry partners and friends – who are passionate about making a difference to our ‘water future’ – to philanthropically support the next generation of emerging talent. Funds raised will be used to support outstanding postgraduate and early-career researchers to translate their innovative ideas into applied research projects under the guidance of leading academic and professional experts.
UQ Advanced Water Management Centre: awmc.uq.edu.au/innovations-water-research-startup-fund

THE UQ ’SOCIAL OUTREACH STUDIO’ (SOS) FUND
The UQ SOS Fund supports current architecture students to deliver – through great design solutions – real benefits for people facing social or economic disadvantage. Funds will be used to assist students with the cost of materials, travel, exhibitions and community reporting in program areas such as those undertaken in rural, Indigenous, and Pacific Island communities.
UQ School of Architecture: architecture.uq.edu.au/social-outreach-studio-fund

RJ ’GUS’ WILES SCHOLARSHIP ENDOWMENT FUND
In honour of our friend, colleague and valued teacher Gus Wiles, we invite you to join us in building an endowed fund that will support meritorious Chemical Engineering students with an adventurous spirit to study abroad for one semester. Help us see Gus’s legacy live on in perpetuity as part of the UQ Chemical Engineering student experience.
UQ School of Chemical Engineering: chemeng.uq.edu.au/gus-wiles

CREATE CHANGE AT UQ TODAY
THE ICARUS PROGRAM

Not all students respond to education in the same way. The Icarus Program is a new initiative within the School of Civil Engineering that blends traditional civil engineering learning with research-focused project activities, providing an alternative pathway for students whose learning needs and interests extend beyond a traditional classroom environment. Philanthropic support at all levels will play an important role in helping to develop the program now and into the future.

UQ School of Civil Engineering: civil.uq.edu.au/icarus/support-icarus

ELECTRICAL ENGINEERING

ELECTRICAL ENGINEERING ALUMNI ADVANTAGE SCHOLARSHIPS

Designed to encourage and support students – where financial, gender, geographic or cultural disadvantage provides a barrier to aspiring to tertiary studies – the Electrical Engineering Alumni Advantage Scholarships are making a difference in the lives of aspiring electrical engineers. Scholarships are awarded to successful candidates to reduce financial burden, enabling deserving and talented students to more fully focus on their studies and realise their potential at UQ.

UQ School of Information Technology and Electrical Engineering: itee.uq.edu.au/ee-scholarship

INFORMATION AND COMMUNICATION TECHNOLOGY

ICT ALUMNI ADVANTAGE SCHOLARSHIPS

Aimed at promoting diversity within the School of ITEE, the ICT Alumni Advantage Scholarship Program focuses on encouraging students from non-traditional backgrounds into UQ ICT programs – particularly women, rural and Indigenous Australians, and students from low socio-economic backgrounds. Scholarships are awarded to successful candidates to reduce financial burden, enabling deserving and talented students to more fully realise their potential at UQ.

UQ School of Information Technology and Electrical Engineering: itee.uq.edu.au/ict-scholarship

MECHANICAL AND MINING ENGINEERING

JOHN SIMMONS STUDENT MOBILITY FUND

University life has always been as much about what happens outside lectures, as what happens in them. Whether it’s participating in the Mining Games, heading overseas on an internship, or launching a new student society, the John Simmons Mobility Fund will have a huge impact on transforming the lives of young people in the School of Mechanical and Mining Engineering, who might otherwise miss out due to financial or personal constraints.

UQ School of Mechanical and Mining Engineering: mechmining.uq.edu.au/john-simmons-student-mobility-fund
Yes, I want to support The University of Queensland with my tax-deductible gift!

PERSONAL DETAILS:

Name
Address
Phone
Email

HERE IS MY/OUR TAX DEDUCTIBLE GIFT OF:
☐ $100  ☐ $250  ☐ $500  ☐ $1000  ☐ other $

This is a:  ☐ one-off gift  ☐ monthly gift
☐ Enclosed is my cheque or money order (payable to The University of Queensland)

OR Please charge my credit card:  ☐ Visa  ☐ Mastercard  ☐ Diners  ☐ Amex

Card no.
Expiry date
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Signature  Receipt issued in this name

PLEASE DIRECT MY SUPPORT TO:
☐ Women in Action Fund
☐ The UQ ‘Social Outreach Studio’ (SOS) Fund
☐ Innovations in Water Research Fund
☐ RJ ‘Gus’ Wiles Scholarship Endowment Fund
☐ The Icarus Program Fund
☐ ICT Alumni Advantage Scholarships
☐ Electrical Engineering Alumni Advantage Scholarships
☐ John Simmons Student Mobility Fund

RETURN THIS COMPLETED CARD TO:
UQ Advancement, The University of Queensland Brisbane QLD 4072, Australia
Donate online: eait.uq.edu.au/giving or arrange by phone: +61 7 3346 3900

The University of Queensland respects your privacy and has developed clear policies on how your personal details are safeguarded. Please visit uq.edu.au/privacy for further information

CRICOS Provider No. 00025B

SUPPORT FUTURE GENERATIONS THROUGH OUR PRIORITY GIVING FUNDS

Gifts benefit discipline-based philanthropic programs, focused on enhancing undergraduate and early career researcher experiences in engineering, design and information technology.

By making a modest or more substantial tax-deductible contribution to one of these funds, your gift will join with dozens of others to make a significant impact in priority areas identified by our Heads of School and Centre Directors.

For more information on where to give, please go to eait.uq.edu.au/giving

Thank you for supporting UQ.

Go to eait.uq.edu.au/community to view how your support makes a difference.
THE DONOR ROLL

Thank you to our alumni and friends who made a gift to the Faculty of Engineering, Architecture and Information Technology in 2016, and who continue to support the University and our students and researchers.

To view the 2016 Donor Roll, please visit eait.uq.edu.au/donor-roll
Visit us online

eait.uq.edu.au/community