Being a WE Student Leader, I was able to inspire, inform and engage female high school students about the diverse and exciting opportunities that a career in engineering can offer them. I am passionate about this as I believe diversity is the key to innovation, and that all students should have all the information available to them to be able to make informed decisions about their tertiary study path.

Georgina Siggins
Being a WE Student Leader, I have had the privilege of helping young people realise the potential of engineering. The opportunity to be a mentor has been a great learning opportunity, and has helped to remind me of why I wanted to be an engineer.
The WE Program was founded in 2013. The WE Program is an award winning, gender equity program supported by industry partners: Rio Tinto and The Australian Power Institute (API).

University-led and industry supported, WE inspires young women to consider a career in engineering. Through various educational activities and events, WE...

- Educates female high school students and teachers about engineering
- Supports women studying engineering at UQ
- Connects our female students and graduates with industry players for a smooth transition into the workforce.

So far for 2018, WE have engaged with:

- 2283 students
- 1535 female students
- 142 teachers/guidance officers
- 97 high schools

Our KPI is 30% female participation in engineering undergraduate studies at UQ by 2023.

23.4% of domestic students who accepted their undergraduate engineering offers were female in 2018.

Our world is made by engineers, society’s problem solvers. Therefore, the best engineering team must be as diverse as the society they work in. Diversity is proven to generate better performing teams, yet in engineering, women remain significantly under-represented. At UQ, here’s what we know:

- Employers of engineering graduates have set targets to create a gender balanced workforce. However, the number of female students graduating from engineering will not meet industry demand.
- Female students who study engineering usually stay and graduate. The attrition rate for female students studying engineering at UQ has been less than 0.05 per cent for the last five years. In December 2016, 26 per cent of UQ’s engineering graduates were female.
- The number of Queensland female high school students eligible to study engineering at UQ could fill every available first-year placement four times over. In 2015, there were 19,000 female students who studied Chemistry, Physics or Maths C. A high proportion achieved a High Achievement or Very High Achievement in these subjects, indicating they would also achieve the required OP7 for UQ Engineering.

However, the number of female students graduating from engineering will not meet industry demand.

• The WE Program and its team of engineering Student Leaders educate female high school students about engineering’s possibilities by attending career fairs, high school presentations and career panel nights at high schools across Queensland. The WE Program hosts events on campus including:
  - Engineering and Computing Evening. Students, parents and teachers are inspired by the stories of recent engineering graduates.
  - WE Explore Engineering Day. Students discover why engineers make a world of difference as they spend the day tackling hands-on engineering workshops.

We believe that universities need to work together to increase the overall pool of females studying engineering across Australia.

Our goal is to increase gender balance in the industry, not just at UQ.

We have organised and hosted a workshop with 18 universities from across Australia and Auckland to meet, share lessons learnt and identify how we can work together to encourage more female students to study engineering. Due to the success of the workshop, it is going to be a biannual event and our next workshop is scheduled for October 2018 in Melbourne.

We focus on supporting female students in the transition from high school to first year university through the following initiatives:

- A welcome phone call. Student Leaders phone every female student who receives an offer to study engineering at UQ. To encourage them to accept their offer and address any concerns.
- Welcome Lunch. WE host a welcome lunch for first year female students who meet others in their cohort and talk to Student Leaders.
- Networking breakfast. This joint event with the female engineering society, UQ SKIRTS is held twice a year to support first year students.

At UQ, here’s what we know:

- Women remain significantly under-represented. Women remain significantly under-represented.
- The best engineering team must be as diverse as the society they work in. Diversity is proven to generate better performing teams.
- Therefore, the best engineering team must be as diverse as the society they work in. Diversity is proven to generate better performing teams.
- Therefore, the best engineering team must be as diverse as the society they work in. Diversity is proven to generate better performing teams.
The UQ Women in Engineering (WE) Program was founded in 2013. The WE Program is an award winning, gender equity program supported by its industry program partners: Rio Tinto and The Australian Power Institute (API).

University-led and industry supported, WE inspires young women to consider a career in engineering. Through various educational activities and events, WE...

- Educates female high school students and teachers about engineering
- Supports women studying engineering at UQ
- Connects our female students and graduates with industry players for a smooth transition into the workforce.

So far for 2018, WE have engaged with:

2283 STUDENTS
1535 FEMALE STUDENTS
142 TEACHERS / GUIDANCE OFFICERS
97 HIGH SCHOOLS

About us.

The number of Queensland female high school students eligible to study engineering at UQ could fill every available first-year placement four times over.

Female students who study engineering usually stay and graduate. The attrition rate for female students studying engineering at UQ has been less than 0.05 per cent for the last five years. In December 2016, 26 per cent of UQ’s engineering graduates were female.

However, the number of female students graduating from engineering will not meet industry demand.

Our KPI is 30% female participation in engineering undergraduate studies at UQ by 2023.

The number of female students who studied Chemistry, Physics or Maths C. A high proportion achieved a High Achievement or Very High Achievement in these subjects, indicating they would also achieve the required OP7 for UQ Engineering.

Our KPI is 23.4% of domestic students who accepted their undergraduate engineering offers were female in 2018.

Purpose.

Our world is made by engineers, society’s problem solvers. Therefore, the best engineering team must be as diverse as the society they work in. Diversity is proven to generate better performing teams, yet in engineering, women remain significantly under-represented. At UQ, here’s what we know:

- Employers of engineering graduates have set targets to create a gender balanced workforce. However, the number of female students graduating from engineering will not meet industry demand.

- Female students who study engineering usually stay and graduate. The attrition rate for female students studying engineering at UQ has been less than 0.05 per cent for the last five years. In December 2016, 26 per cent of UQ’s engineering graduates were female.

- The number of Queensland female high school students eligible to study engineering at UQ could fill every available first-year placement four times over. In 2015, there were 19,000 female students who studied Chemistry, Physics or Maths C. A high proportion achieved a High Achievement or Very High Achievement in these subjects, indicating they would also achieve the required OP7 for UQ Engineering.

What we do.

The WE Program is an award winning, gender equity program supported by its industry program partners: Rio Tinto and The Australian Power Institute (API).

We believe that universities need to work together to increase the overall pool of females studying engineering across Australia. Our goal is to increase gender balance in the industry, not just at UQ.

WE focus on supporting female students in the transition from high school to first year university through the following initiatives:

- A welcome phone call. Student Leaders phone every female student who receives an offer to study engineering at UQ, to encourage them to accept their offer and address any concerns.
- Welcome Lunch. WE host a welcome lunch for first year female students to meet others in their cohort and talk to Student Leaders.
- Networking breakfast. This joint event with the female engineering society, UQ SKIRTS is held twice a year to support first year students.

Connect

WE have organised and hosted a workshop with 18 universities from across Australia and Auckland to meet, share lessons learnt and identify how we can work together to encourage more female students to study engineering. Due to the success of the workshop, it is going to be a biannual event and our next workshop is scheduled for October 2018 in Melbourne.

Educate

The WE Program and its team of engineering Student Leaders educate female high school students about engineering’s possibilities by attending career fairs, high school presentations and career panel nights at high schools across Queensland. The WE Program hosts events on campus including:

- Engineering and Computing Evening. Students, parents and teachers are inspired by the stories of recent engineering graduates.
- WE Explore Engineering Day. Students discover why engineers make a world of difference as they spend the day tackling hands-on engineering workshops.
Achieve the required OP7 for UQ Engineering.

AND UQ EVENTS

THROUGH SCHOOL VISITS

knowledge of

 These subjects, indicating they would also achieve the required OP7 for UQ Engineering.

Teachers said a WE presentation improved their knowledge of engineering.

90% of domestic students who accepted their undergraduate engineering offers were female in 2018.

23.4% of female students who studied Chemistry, Physics or Maths C. A high proportion achieved a High Achievement or Very High Achievement in these subjects, indicating they would also achieve the required OP7 for UQ Engineering.

The number of Queensland female high school students eligible to study engineering at UQ could fill every available first-year placement four times over.

Female students who study engineering usually stay and graduate. The attrition rate for female students studying engineering at UQ has been less than 0.05 per cent for the last five years. In December 2016, 26 per cent of UQ’s engineering graduates were female.

Purpose.

Our world is made by engineers, society’s problem solvers. Therefore, the best engineering team must be as diverse as the society they work in. Diversity is proven to generate better performing teams, yet in engineering, women remain significantly under-represented. At UQ, here’s what we know:

• Employers of engineering graduates have set targets to create a gender balanced workforce. However, the number of female students graduating from engineering will not meet industry demand.

• Female students who study engineering usually stay and graduate. The attrition rate for female students studying engineering at UQ has been less than 0.05 per cent for the last five years. In December 2016, 26 per cent of UQ’s engineering graduates were female.

• The number of Queensland female high school students eligible to study engineering at UQ could fill every available first-year placement four times over. In 2015, there were 19,000 female students who studied Chemistry, Physics or Maths C. A high proportion achieved a High Achievement or Very High Achievement in these subjects, indicating they would also achieve the required OP7 for UQ Engineering.

About us.

The UQ Women in Engineering (WE) Program was founded in 2013. The WE Program is an award winning, gender equity program supported by its industry program partners: Rio Tinto and The Australian Power Institute (API).

University-led and industry supported, WE inspires young women to consider a career in engineering. Through various educational activities and events, WE...

• Educates female high school students and teachers about engineering

• Supports women studying engineering at UQ

• Connects our female students and graduates with industry players for a smooth transition into the workforce.

So far for 2018, WE have engaged with:

2283 STUDENTS

1535 FEMALE STUDENTS

142 TEACHERS / GUIDANCE OFFICERS

97 HIGH SCHOOLS

90% THROUGH SCHOOL VISITS AND UQ EVENTS

What we do.

Educate

The WE Program and its team of engineering Student Leaders educate female high school students about engineering’s possibilities by attending career fairs, high school presentations and career panel nights at high schools across Queensland. The WE Program hosts events on campus including:

Engineering and Computing Evening. Students, parents and teachers are inspired by the stories of recent engineering graduates.

WE Explore Engineering Day. Students discover why engineers make a world of difference as they spend the day tackling hands-on engineering workshops.

Support

WE focus on supporting female students in the transition from high school to first year university through the following initiatives:

A welcome phone call. Student Leaders phone every female student who receives an offer to study engineering at UQ, to encourage them to accept their offer and address any concerns.

Welcome Lunch. WE host a welcome lunch for first year female students to meet others in their cohort and talk to Student Leaders.

Networking breakfast. This joint event with the female engineering society, UQ SKIRTS is held twice a year to support first year students.

Connect

We believe that universities need to work together to increase the overall pool of females studying engineering across Australia.

Our goal is to increase gender balance in the industry, not just at UQ.

WE have organised and hosted a workshop with 18 universities from across Australia and Auckland to meet, share lessons learnt and identify how we can work together to encourage more female students to study engineering. Due to the success of the workshop, it is going to be a biannual event and our next workshop is scheduled for October 2018 in Melbourne.
Karminee Karuna

Being a WE Student Leader, I was able to inspire, inform and engage female high school students about the diverse and exciting opportunities that a career in engineering can offer them. I am passionate about this as I believe diversity is the key to innovation, and that all students should have all the information available to them to be able to make informed decisions about their tertiary study path.

Georgina Siggins

Being a WE Student Leader, I have had the privilege of helping young people realise the potential of engineering. The opportunity to be a mentor has been a great learning opportunity, and has helped to remind me of why I wanted to be an engineer.
Being a WE Student Leader, I was able to inspire, inform and engage female high school students about the diverse and exciting opportunities that a career in engineering can offer them. I am passionate about this as I believe diversity is the key to innovation, and that all students should have all the information available to them to be able to make informed decisions about their tertiary study path.

Georgina Siggins
Being a WE Student Leader, I have had the privilege of helping young people realise the potential of engineering. The opportunity to be a mentor has been a great learning opportunity, and has helped to remind me of why I wanted to be an engineer.