



Things are not always what they seem...

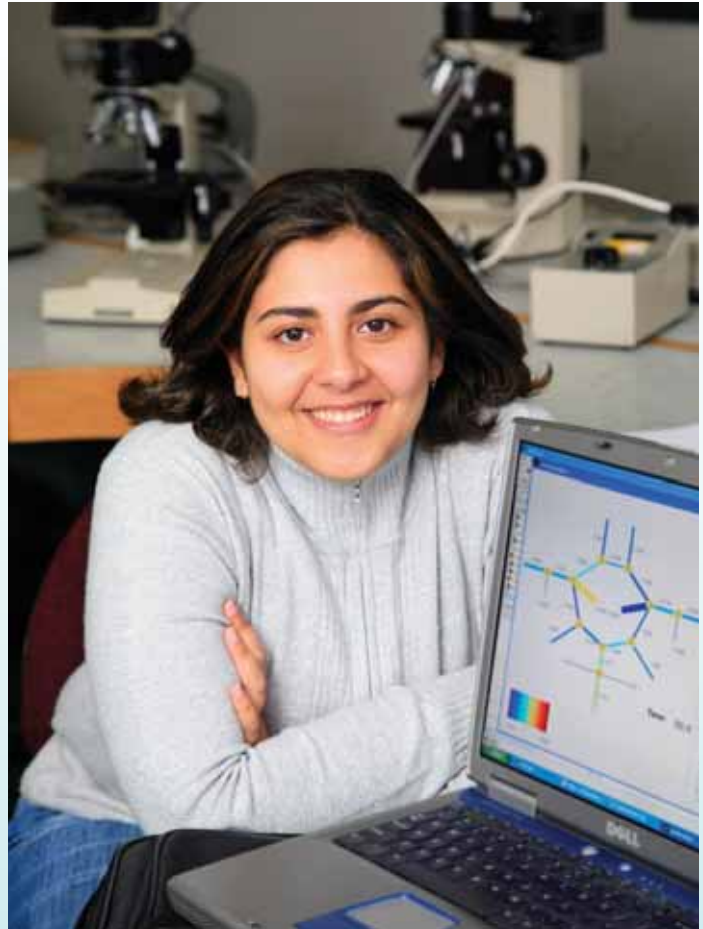


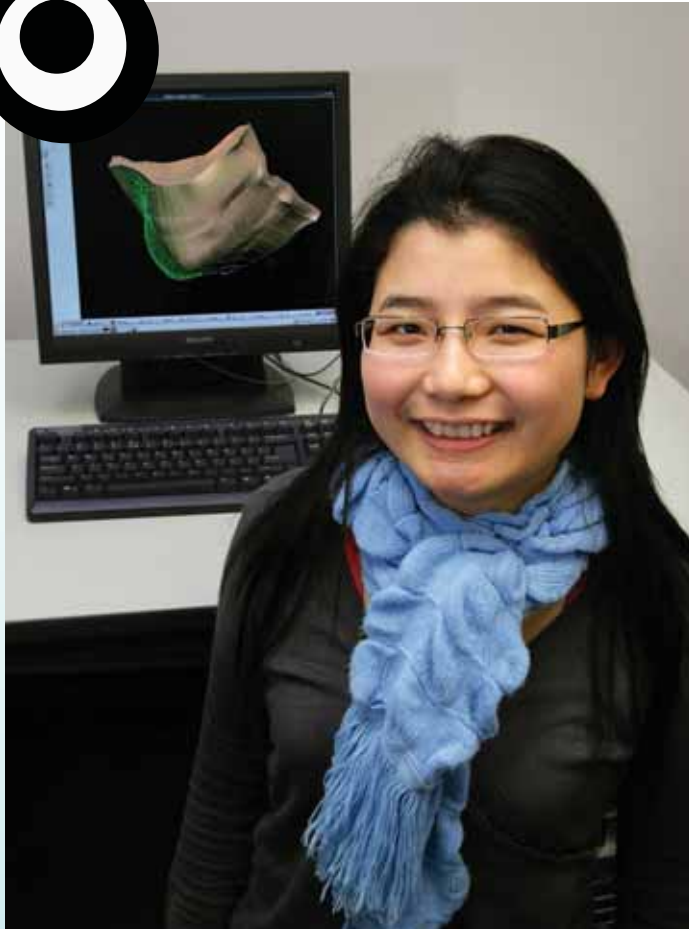
**They produce novel
drug delivery systems
for life-saving
medication...**

**but they are not
pharmacists.**

**She models
the blood flow
in the brain to
understand the
cause of strokes...**

but she's not a doctor.





**She's developing a
new, pain-free accurate
method of screening
for breast cancer..**

**but she's not a cancer
specialist.**

**She designs floors that
withstand earthquakes...**

**but she's not an
architect.**





**She created a
streetmap of
Christchurch the
width of a human
hair...**

**but she's not a
magician.**



**She's travelling in Asia
to fuel her passion for
sustainability...**

**but she's not an
environmentalist.**





**She works with
NASA and floats in
space...**

**but she's not an
astronaut**

She constructs green roofs in the city...

**but she's not a
landscape designer.**





**She designed a dress
laced with noise-
sensing electric
lights...**

**but she's not a fashion
designer.**

**She creates new
make-up products...**

**but she's not a beauty
specialist.**





**She runs her
own consultancy
business...**

**but she's not a
business graduate.**

**She makes airports
more profitable in
Europe...**

**but she's not an
accountant.**



She's creative..but isn't an artist.


She's good with numbers...but isn't an accountant.

She's a good communicator...but isn't a lawyer.

She's scientific-minded...but doesn't work in a lab.



**What is she? She's a
Professional Engineer!**

- 
- Page 2** Hosai Najib & Natalie Hamilton - are in their final year of study for a BE (Hons) in Chemical and Process Engineering.
- Page 3** Samara Alzaida – BE (Hons) in Electrical and Electronics Engineering – is undertaking a PhD in Bioengineering.
- Page 4** Angela Lee – BE (Hons) in Biomedical Engineering – is currently pursuing a PhD on research into breast image manipulation through computer modelling.
- Page 5** Debra Gardiner – BE (Hons) in Civil Engineering – is pursuing a PhD in Structural Engineering.
- Page 6** Jullada Homtientong – BE (Hons) Electrical and Electronics Engineering, Master of Engineering Management – is a Research and Strategic Engineer, University of Canterbury.
- Page 7** Chelsea Giles-Hansen – BE (Hons) in Natural Resources Engineering – has spent time in Thailand as an Intern with UNESCO (United Nations Educational Scientific and Cultural Organisation) in the Education for Sustainable Development section.
- Page 8** Karen Willcox – BE (Hons) in Engineering Science – is currently Associate Professor of Aeronautics and Astronautics at Massachusetts Institute of Technology in the USA.
- Page 9** Emily Voyde – BE (Hons) in Environmental Engineering – is studying for a PhD in the design and implementation of green roofs for stormwater management in New Zealand.
- Page 10** Marilyn Lim – BE (Hons) and PhD in Electrical and Electronics Engineering – is now a Senior Design Engineer at CWF Hamilton & Co Ltd.
- Page 11** Amelia Rentioz – BE (Hons) in Chemical and Materials Engineering – is a Product Development Engineer for L’Oreal in New York, creating new make up, hair and skin products.
- Page 12** Skipp Williamson – BE (Hons) – is a Managing Director of Partners in Performance (PIP).
- Page 13** Carly Arnold – BE (Hons) in Engineering Science – is Group General Manager Performance working for Infratil Airports Europe and responsible for the identification and delivery of new products and efficiency improvements at Glasgow Prestwick, Kent and Luebeck airports.



All the women in this brochure are studying for, or have completed, a Bachelor of Engineering (Honours) degree at the University of Canterbury or University of Auckland.



**THE UNIVERSITY
OF AUCKLAND**

NEW ZEALAND

Te Whare Wānanga o Tāmaki Makaurau

www.engineering.auckland.ac.nz



**UNIVERSITY OF
CANTERBURY**

Te Whare Wānanga o Waitaha
CHRISTCHURCH NEW ZEALAND

www.engf.canterbury.ac.nz