

# TOWER



 UTS

WINTER 2014  
ISSUE 10

## LEADING GOOGLE

How Maile Carnegie  
landed the coolest  
job in the country

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## PUZZLE ME THIS

Inside the mind of  
prolific crossword  
maker David Astle

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## GIVING WOMEN A VOICE

How Dr Lucy Fiske  
is helping survivors  
of war find justice

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## 2SER

## URNS 35

Discover the  
past, present  
and future of  
community  
radio at UTS

# BUILDING THE UTS BRAND one great achievement at a time



**“In the face of a changing regulatory environment, UTS is well placed to thrive.”**

ONE OF THE MOST REWARDING THINGS about my role at UTS is watching our efforts bear fruit.

In the past months, we reopened the UTS Haberfield Rowing Club following an \$8.5 million upgrade. It is a terrific addition not just to our ability to help student athletes reach their full potential, but also to the quality and diversity of extra curricular activity that we are able to offer.

It is also very satisfying to watch our community radio station 2SER reach its 35th anniversary. Its strength and importance comes from the work and career opportunities that it provides our students in Media Arts and Production.

These achievements form part of a continuing narrative that I feel extraordinarily grateful to have been a part of, and which our alumni should be proud of. But after 12 years as Vice-Chancellor, this will be my final welcoming letter.

In the face of a changing regulatory environment, UTS is well placed to thrive. I have every confidence that my successor, Professor Attila Brungs, will continue the university's upward trajectory. ■■

*Ross Milbourne*

Professor Ross Milbourne, Vice-Chancellor



## TOWER

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## GOT A TABLET?

Download the latest issue of TOWER Magazine from the App Store (for iPad) or Google Play (for Android devices) and see our exclusive behind-the-scenes video of David Astle. Plus, take a tour of the newly re-opened UTS Haberfield Rowing Club.

# Leading Google

Juggling family and career, UTS Alumni Award for Excellence recipient Maile Carnegie shares the story of how she came to lead technology giant Google.


**STORY BY**

STEVE MEACHAM

**PHOTOGRAPHY BY**

WADE LAUBE AND  
KEVIN CHEUNG





As Google Australia's first woman Managing Director Maile Carnegie is aware many people – particularly the young ones – think she's probably got the coolest job in the country. And they're probably right! This perception is reinforced during the first few minutes waiting for her in Google reception, on the fifth floor of their landmark building in Pymont, Sydney.

There's a tyre swing in reception – playground equipment rarely seen in a company foyer. Several employees appear and borrow the scooters which are waiting to be taken outside for a spin whenever a Google worker feels the need to unwind. Does she ever get a chance to snatch a scooter or take a swing herself? "Not very often," she laughs. "But there's plenty of people who do."

Maile Carnegie (pronounced Miley, "as in Cyrus," she adds playfully) has been Google Australia's head honcho since July 2013. It was a job she wanted so desperately she didn't wait to be headhunted, phoning her predecessor Nick Leeder's office the moment she heard he was leaving.

### The right fit

Carnegie spent just over 20 years at Procter & Gamble (P&G) in an ascending order of executive positions in Australia and internationally. Moving from a traditional global giant dealing with fast moving consumer goods to the unorthodox technology phenomenon like Google, leading the 800-strong team in Australia and New Zealand, surely must have been daunting.

"Not really," Carnegie says. "I love learning and I love innovation. So there wouldn't be a lot of jobs better than this one. There are things that are very different between Procter & Gamble and Google. But both firms are fundamentally concerned with doing what is right and trying to solve consumer problems. That's not actually what most companies focus on."

"P&G's innovation relies mainly on molecular structure, while Google relies on software, but both share a love of innovation. At the end of the day, a big chunk of

Google's business model is selling advertising solutions, and that's something I know about from P&G. Personally, I've bought a lot of what Google sells, I understand the consumer mindset because I was a Google consumer for many years."

"And it's not as if I came to Google without having been involved in technology before. My career with P&G involved a lot of innovation work. I launched P&G's first designated website, Being Girl, for Tampax when I was working [at the company's international headquarters] in Cincinnati. I was on the leadership team which started an internet marketing service provider for P&G. And when I was working in Asia for P&G, I helped redraw how much of our Asian marketing was spent on digital campaigns."

"So I'd had a lot practical experience helping a big, complex organisation become more digital-centric."

Still, the transition wasn't straightforward. "The surprises aren't intellectual," Carnegie says. "I knew there would be surprises and I was prepared for them. But, holy smoke, I underestimated the pace. The pace of innovation here at Google is mind-blowing."

### Early life

Now 44, and mother of two boys – Nicholas, 14, and Matthew, 11 – Carnegie spent much of her own childhood oscillating between Sydney and the US. Her parents met and married while serving with the US Peace Corps in Cameroon, West Africa. Her older sister Vicki was born on a stopover in London on their way back to the US. "My parents cut it a bit fine," says Carnegie. Maile Carnegie was born in Hawaii, where they lived until the family moved to Sydney when she was four.

Her father had his Master of Education, and her mother, her second degree in nursing. In 1974, while visiting the girls' grandparents, they went to the World's Fair in Spokane, Washington State. They got talking to someone in the Australian pavilion and heard that the family's airfares would be paid if they took teaching jobs in Australia for two years. ◀

## “If I had my time at UTS over again, I’d spend more time on engineering. It doesn’t matter what industry you end up in, you’ll be working for a technology company.”

“At that time, Australia was chronically short of teachers,” she explains. “My parents tried moving back to Washington State a few times to be near my grandparents, but they always ended up returning to Australia. I had dual citizenship, but I always felt I grew up here.” Carnegie attended Cheltenham Girls’ High, a public school, excelling in history, yet the course she chose at UTS was economics – something she never studied at school. Why?

“My motivation, and I wish I could say it was something more strategic than this, was choosing a subject as far away from teaching as humanly possible. My parents were both teachers, and so is my sister. My HSC grades meant I could have got into any commercial degree course in Australia. I chose UTS because it had a much more practical bent than other business or commercial courses at the time. It felt like UTS had closer ties to the business community, and was driven by the idea of minting graduates who were grounded in theory, but had practical experience too. There was a diversity about the UTS course I loved.”

### Finding the business focus

Carnegie moved out of the family home to live in Manly, and worked part-time with a local business in administration and then sales. “It was a long commute from Manly to UTS, so I tended to make the most of it while I was at Business School. Then, about halfway through the marketing course a girlfriend and I decided we wanted to do a double major, which wasn’t on offer at the time. We had to petition the Dean of the Business School to be able to do a second major in finance and economics,” recalls Carnegie.

During her final year as a marketing student, Carnegie won a \$2500 scholarship from P&G. “It paid for my airfare to travel through Europe once I’d graduated in 1991,” she remembers. But it also made her think of P&G as a possible career path. She joined the company in January 1992, as a brand assistant for products such as Whisper and NapiSan.

“I was lucky and got promoted pretty quickly. After three years I was brand manager of Olay, which is when I started managing people. For seven years

I had a normal, linear career path in Australia. Then I started talking to the company in 1998 about working internationally with them. By then I was married. I met Charles at P&G: he was a brand assistant, a year ahead of me. He’s now a management consultant. We needed to find somewhere my husband could work too. And since I’m a US citizen, he could get a green card,” says Carnegie.

“I had dragged my feet for several weeks before accepting the position with Tampax, saying ‘I’d love to do it, but you need to know I’m pregnant’. P&G were great. They said they were happy for me to stay in Australia for the birth and find me another role in the US later. But we decided to bite the bullet. We moved to Cincinnati in June 1999, when I was six months pregnant with our first son.”

“I started with Tampax on 1 July, gave birth on 6 October, and was back at work on 1 December. Eight weeks’ maternity leave is quite common in the US. If I’d been in Australia, I would probably have taken three months, but I wanted to show commitment to P&G.”

After the family had been in the US for seven years, they knew they had to make a decision whether to stay there permanently or move back to Australia. “The decision was made clearer when my mum was diagnosed with cancer. She’s good now, a bit of a medical miracle.”

The position back in Sydney looked good on paper, running strategy and marketing (2006–08), but Carnegie admits, “if I was looking at my life purely through a career lens, it wasn’t a smart move.” Then she was offered a promotion, based in Singapore, as head of marketing, strategy and design for Asia Pacific. After nine months “I also picked up a global role, running a global beauty care business”.

The role meant a huge amount of travel, but Carnegie negotiated with P&G to take her children travelling with her during school holidays, sometimes joined by her father as an unpaid babysitter. “I’ve never subscribed to the idea work and life should be kept separate. To me, it’s a juggling act. But there were wonderful aspects; I got to spend time with my dad, which I wouldn’t ordinarily have done.”

**RIGHT: Maile Carnegie also shapes future directions on the Vice-Chancellor’s Industry Advisory Board.**





In 2010 the family relocated from Singapore back to Sydney for Carnegie to take up the role of Managing Director of P&G Australia, a position she held for three years. “Around 2012 I began to think, what’s next? I knew whatever the next job would be it would mean another international move. And I wasn’t excited about it anymore. I began to think, why am I doing this? I’m in my 40s, I have another 20 years of work in me. What do I want to do for the next 20 years?”

This viewpoint is what spurred Carnegie to unabashedly go after the Google gig. She’s still travelling regularly – visiting Googleplex corporate headquarters in Mountain View, California, every seven weeks or so, but home and family are here.

**LEFT AND ABOVE:**  
Google’s Pyrmont office is a colourful and creative space.

### What advice would Carnegie give current UTS students?

“The thing that is underplayed in Australia is the importance of STEM: science, technology, engineering and maths,” she says without hesitation. “If I had my time at UTS over again, I’d spend more time on engineering. It doesn’t matter what industry you end up in, you’ll be working for a technology company.

“No company can afford not to leverage technology anymore. It’s our version of the Industrial Revolution. Just as you wouldn’t dream of a company not using electricity, every company in the world is increasingly using technology.” ■■■

# The TOWERING 10

Meet the high-achieving alumni who've become success stories in Australia and abroad. They have contributed to community, journalism, design, visual effects, media law and science.

STORY BY KEVIN CHEUNG  
AND JENIFER WATERS







1

## Andrew Aloisio Industrial designer, SKINX

ANDREW ALOISIO CAME TO THE ATTENTION of the world's design elite when he was named the winner of the Peroni Young Designer Awards in 2009. He went on to work with such iconic brands as Swarovski and Versace Home. But now, the UTS design graduate has turned an even bigger corner: an innovative new product he created is taking off.

Launched in January 2012, SKINX is an antibacterial cream that fills a gap in the sporting scene, aiding in the recovery and protection of skin for professional athletes. It's so effective that Aloisio already has formed strategic partnerships with rugby league clubs South Sydney Rabbitohs and Parramatta Eels, as well as the Western Force and Brumbies rugby union teams.

"I'd done some consulting in the skin space and I discovered that it's an area that doesn't have much attention in Australia," recalls Aloisio. "The name SKINX came to me before anything else. That's what sparked my imagination, and then I applied my product development experience to it."

After the team doctors tested the product for several weeks, they were satisfied enough to make it part of their training and recovery regime.

"I've always wanted that merry-go-round start-up," says Aloisio of having his own product. "I'm actually selling it – not just designing it – and I have a lot more control over how quickly I can respond to feedback."

Aloisio is continuing to diversify his work as a designer and hopes to introduce SKINX to overseas markets.

2

**"I wanted to see it, I wanted to witness history."**

MARK ISAACS,  
AUTHOR,  
*THE UNDESIRABLES*

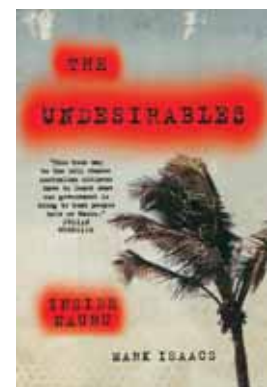
Photo: Kevin Cheung

## Mark Isaacs Author, *The Undesirables*

WITH AUSTRALIA'S TREATMENT OF ASYLUM seekers high on the political agenda, Isaacs' book, an account of his employment at Nauru detention centre, provides rare first-hand insight into how our detention centres are operated. The 26-year-old graduate of Communications and International Studies was tasked by the Salvation Army with being a "friend" to the refugees.

"I wanted to see it, I wanted to witness history. I wanted to know exactly what our government was doing," he explains. "I wanted to go to the Australian people and say 'This is what is happening in these camps. You can either love it or hate it, but at least you know what it is.'"

Isaacs continues to work with asylum seekers in western Sydney. ▶



**ABOVE:** Isaacs wrote *The Undesirables* to give asylum seekers a voice.

3

“I love the potential that interactive entertainment offers for truly groundbreaking experiences.”

GREGORY LOUDEN, LEVEL DESIGNER,  
REMEDY ENTERTAINMENT

ACCOLADES: *Gravity* won seven Academy Awards including Best Visual Effects.

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## Gregory Louden

### FX Technical Director on *Gravity*, Level Designer at Remedy Entertainment

WHILE VOLUNTEERING AT THE UTS Games Studio, Gregory Louden had a chance meeting with Zareh Nalbandian, the CEO of the Aussie special effects powerhouse Animal Logic, based at Fox Studios. That led to an interview and a job on the animation movie *Legend of the Guardians: The Owls of Ga'hoole*.

From there, the Bachelor of Science in IT graduate went on to create special effects for Hollywood blockbusters including: *Prometheus*, *World War Z*, and the Academy Award-winning space epic, *Gravity*.

“My job was to simulate and animate the floating chess pieces, pens, chop sticks and other items floating around in zero gravity which other artists modeled, textured, rendered and composited,” says Louden of his work on *Gravity*.

Now based in Helsinki, Finland, the special effects whiz has set his sights on conquering the world of video games at Remedy Entertainment, where he is working on the upcoming Xbox One game, *Quantum Break*.

“I love the potential that interactive entertainment offers for truly groundbreaking experiences,” he explains.

Since graduating from UTS in 2009, Louden can't believe how far he's come. “I was lucky enough to get my break and I haven't stopped.”



## 4 Dr Robin Morrow, AM President, Australian Section, International Board on Books for Young People

DR ROBIN MORROW HAS DEVOTED her entire life to children's books, her career defined by passionate contribution to children's literature and literacy in Australia and around the world.

In 1971, she established The Children's Bookshop at Beecroft – the first specialist children's bookshop in New South Wales. For 25 years it was a gathering place for readers and authors from around the world to debate literary matters.

Morrow spent ten years as Children's Literature Reviewer for *The Weekend Australian*, and still regularly writes commentary for *Magpies*, a journal about Australian children's literature.

Following her Master of Arts (Children's Literature and Literacy), Morrow completed her PhD with UTS in 2004.

She is currently President of the Australian Section of International Board on Books for Young People (IBBY).

“IBBY was founded... on the principle that children need not only food and shelter but good books; and now works worldwide for *the right of every child to be a reader*”, she says.

Morrow's service to children's literature and publishing was acknowledged with a Member (AM) in the General Division of The Order of Australia in the 2014 Australia Day Honours.

BEFORE BECOMING A LAWYER, MICHAEL Cameron had already enjoyed a solid career in the media with *The Daily Telegraph*.

However, a passing interest in media law became a commitment to obtaining a Bachelor of Laws degree at UTS. After graduating, he moved to New York in 2004, where he gained admission to The New York State Bar and worked for eight years at *The New York Post*.

Cameron is now advising on stories that appear across the News Corp mastheads and where necessary, defending those stories against litigation.

“I think one of the greatest challenges now is the idea of truth being a defence to an action in defamation,” says Cameron. “What many people don’t appreciate is that it needs to be verifiable truth. We’re constantly looking at material before it goes on the web. That’s a challenge that perhaps people didn’t have to deal with 10 years ago.”

5

**Michael  
Cameron**

**National Editorial  
Counsel, News  
Corp Australia**

Photo: Kevin Cheung



Photo: Supplied

6

**Taya Conomos**  
Digital Media Co-ordinator,  
Australian Olympic  
Committee (AOC)

“Everybody has now realised that sport and social media make such a good partnership – they go together like a meat pie and sauce”

NOT EVERYONE CAN WITNESS THE OLYMPIC Games, but that’s what Taya Conomos did. While on exchange from UTS to the University of Copenhagen in 2009, she met AOC President John Coates and was offered an internship.

After her final exams in Communications and Law in 2010, it became a full-time role. Armed with an “access all areas” pass, she now oversees the AUS Olympic Team (@AUSOlympicTeam) social media strategy.

Her first campaign was the 2012 Winter Youth Olympic Games in Innsbruck Austria. Six months later, she was at the 2012 Olympic Games to write stories for the AOC website and run the social media campaign.

At the 2014 Winter Olympic Games in Sochi Russia, Conomos was dedicated to social media. The AOC’s 24-hour social media campaign was ranked fourth behind the big guns – USA, Canada and Great Britain.

“Everybody has now realised that sport and social media make such a good partnership – they go together like a meat pie and sauce,” explains Conomos. “The AOC has embraced social media and it is now part of every communication discussion.”

The @AUSOlympicTeam now has over 350,000 social media followers across Facebook, Twitter, Instagram and Google+, representing an increase of over 150,000 fans since the London Games.

Conomos’ next stop is Nanjing China for the 2014 Youth Olympic Games. ▶

# 7 Dr Dana Cordell

## Co-founder, Global Phosphorus Research Initiative (GPRI)

A GLOBAL SCARCITY OF PHOSPHORUS, AN ESSENTIAL nutrient in food production, has the potential to threaten the world's food security and our very way of life. And it's because of people like GPRI co-founder and UTS Chancellor's Post-Doctoral Research Fellow Dana Cordell that we know about it.

"This is one of the wicked problems of the 21st century," explains Dr Cordell. "It's right up there with climate change and water scarcity."

In 2008, global fertiliser prices spiked by as much as 800 per cent, affecting farmers worldwide, demonstrating how vulnerable the world's food supply is.

"It was a short term crisis that provided a glimpse of what could happen if we do nothing," reflects Dr Cordell, who is now helping government and industry bodies in agriculture, sanitation, food and health develop ways of using phosphorus more efficiently.



Photo: Kevin Cheung

"This is one of the wicked problems of the 21st century... It's right up there with climate change and water scarcity."



# 8

## Khailee Ng

### Tech startup founder and investor

Photo: Khailee.com

SINCE GRADUATING FROM UTS IN THE top two percent of his business class, technology entrepreneur Khailee Ng always seemed destined for great things.

In 2006, he won the HSBC Young Entrepreneur Award in Hong Kong, beating 674 other teams and more than 1,700 rivals from the Asia Pacific region.

In 2010, he co-founded the group buying site GroupsMore.com. Within six months, it was sold for an undisclosed sum to online discount giant Groupon.

Ng followed this up by co-founding Says.com in Malaysia, a social news network where users provide content distribution services to advertisers. Ng pitched and brought in 70 big advertising partners including Coca-Cola Amatil, Nike, Unilever and Nestlé.

The site completed a A\$20 million merger with new media group Catcha Media Berhad to form Rêv Asia Pacific in October last year. The new entity, projected to reach 9.78 million Malaysians every month, claims it could "revolutionise the way advertisers reach out to Malaysia's increasingly socially connected populace".

It's a claim that Ng stands by. He believes marketing "will take shape as sharable 'social' content rather than as interruptions."

Ng is now Chairman at Rêv Asia Pacific.



9

## Ryan Lobo and Ramon Martin

Fashion designers, TOME

FEMININE: Lobo and Martin recently unveiled TOME's spring 2014 collection in New York.

Photo: Supplied

RYAN LOBO AND RAMON MARTIN, THE two halves of rising New York women's fashion label, TOME, first met in 1997 when they were both studying for their Bachelor of Design degree at UTS. Although they wouldn't work together for another 13 years, it was clear from the outset that their skills were complimentary; Lobo excelled in styling and marketing, Martin in design.

"We knew it would be best to launch something when our... taste levels and design eyes were more sophisticated and not as raw", says Lobo of the time they spent apart. Martin adds, "We knew we needed to get the youthful naivety and brashness out of our system."

That's why, in the years prior to forming TOME, Lobo worked as a stylist, consultant and buyer for various Australian brands. Martin, meanwhile honed his skills in Europe working for Alberta Ferretti and Jean Paul Gaultier, and then in New York with Derek Lam.

Since launching TOME in 2010, Lobo and Martin have operated out of a studio in New York. Their fashion lines have been featured at fashion shows worldwide, and the label is available in the US, Japan, Australia and the Middle East.

When it comes to the TOME style, Lobo says, "It's a formidable woman we want to dress... she's interested in buying clothes that suit her, not the other way around."

Lobo and Martin most recently showcased their Spring 2014 collection in New York, where it was described by Style.com as conveying "a distinctly feminine force".

10

## Priyanka Rao

CEO, The Luxmy Furniture Group



Photo: Supplied

AS CEO OF MANUFACTURING company Luxmy Furniture – a company established by her father in 1997 – 27-year-old MBA graduate Rao has already been named one of *Business Review Weekly's* Top 5 Young Entrepreneurs to Watch.

An interview late last year with Kocie's Business Builders led to an amazing opportunity – an invitation from Treasurer Joe Hockey to represent Australian small business at a February meeting of the G20 finance ministers and central bankers.

It's not her only brush with fame. Last year Rao was invited by Prime Minister Tony Abbott to meet Prince Harry at an exclusive reception at Kirribilli House.

Along with luck and strong networks, Rao sees her MBA as an integral part of her success. "It helps me think strategically and I can solve problems a lot quicker," she says. ■

# 2SER: 35 years on

Fearless and daring, discover the changing face of community radio as UTS' own station meets the challenges of the future headfirst.

STORY BY MELINDA HAM

PHOTOGRAPHY BY KEVIN CHEUNG



## 1979

- The then Federal Minister for Education, Senator John Carrick, **officially opens 2SER Radio** which began broadcasting on 1 October from the UTS studios.
- Gaywaves, Australia's first gay and lesbian program launches this year.

## 1980

- NSW State Minister for Education, Paul Landa, opens **Macquarie University's North Ryde studio** on 17 October, 2SER.

## 1990

- 2SER launches **Undercurrents**, **public radio's first** national daily news program delivered via satellite.
- All That Flows wins Public Broadcasting Association of Australia award for "**Excellence In Feature Programming**".





**T**hree and a half decades since its inception, 2SER continues on as a survivor and a daring innovator. In a current media landscape that often appears shallow and celebrity-obsessed,

this independent community radio station, co-owned by University of Technology, Sydney, and Macquarie University, relentlessly breaks news and new ground.

Veteran radio journalist Robbie Buck – who just took over as ABC Radio 702’s Breakfast program presenter in January – cut his teeth in Sydney radio at 2SER in 1992. He was just 19, full of great enthusiasm and with no formal qualifications. After a short volunteer induction, Buck was thrown in the deep end at 2SER, when he put his hand up for a slot at 2am.

“After about a 30-second lesson from Prince Andrew, the ska and dub legend who was doing the show before me, I was live on air,” he remembers. “It was baptism by fire. I remember feeling totally over-awed; being in this studio at UTS at the top of this huge brutalist tower and broadcasting into the darkness of Sydney. It was surreal and beautifully strange.”

During his two-and-a-half years at 2SER (first as a volunteer and then as a paid audio assistant at the Macquarie studios) Buck says he worked and socialised with high calibre, vibrant young journalists. He learned to take risks, test boundaries and experiment with radio – lessons he has carried forward with him into the next 20 years of his career.

“Many times since, I have drawn on those experiences at 2SER, to give me confidence, to use my intuition and break the rules when I can,” Buck says.

Initially 2SER – which stands for Sydney Educational Radio – made its debut broadcast on 1 October 1979, as one of only three public FM radio stations nationally given a special education license by the Commonwealth government.

Since then, the station has gained an international reputation for its provocative news programs and

alternative music – that is rarely aired on any other stations – as well as ethnic, indigenous programs and lesbian, gay, bisexual, transgender and intersex (LGBTI) broadcasts.

To operate, the station depends on a small team of eight paid staff fleshed out with about 250 volunteers – about half who are really active; many are UTS and Macquarie students, as well as others who have been volunteering for years.

Sophie Ly, a recent graduate from UTS’ Media and Communications degree has volunteered at the station for the last year and is a passionate advocate.

“I’d been doing print media throughout uni but then in my last year I started doing radio at 2SER, it just kind of clicked and I was hooked,” the 22-year-old says.

“It’s such a personal medium. It’s live and anything can happen. 2SER is so welcoming and supportive and such a great training ground, predominantly made up of volunteers.”

Participating in the 2SER pop-up digital station during the annual Sydney Gay and Lesbian Mardi Gras was one of Ly’s highlights. “It was eye-opening doing a live broadcast from the parade and just seeing how spontaneous and crazy it could be,” she says. “I also got to interview Boy George and he was so lovely, I couldn’t help sliding into fan-girl mode.”

Despite its substantial LGBTI population, Sydney has no permanent queer radio station, so this pop-up, a collaboration between 2SER, *Star Observer*, the city’s gay newspaper and Joy FM 94.9, Melbourne’s LGBTI radio station, was unique.

Jack Crane, a veteran radio producer, was hired to run the Sydney pop-up, now in its second year. “It was definitely exciting to be involved in the first one of its kind,” he says. “We have gay programming at 2SER and other channels but this was upping the content by about five times, having it run over the whole lead up to the Mardi Gras, over six weeks.” ▶

**1991**

**The station wins:**

- Silver Medal from the New York International Radio Festival.
- A “**Certificate of Commendation**” from the Human Rights and Equal Opportunity Commission Media Awards.

**1993**

- Open Mind and Tiddas Talk included in Aboriginal and Torres Strait Islander broadcasts.

**1994**

- The station broadcasts directly from the **Big Day Out music festival**.
- 2SER holds the first Mosaic Mix broadcast.

**1996**

- Community Broadcasting Association of Australia (CBAA) awards 2SER “**Best Broadcast Spoken Word Program**” for Open Mind.
- 2SER’s Panacea receives MBF Media Award for the “**Best Metropolitan Report**”.

The station also broadcasts all day for International Women's Day. In addition, their diverse weekly programming includes *The Thin Black Line*, that looks behind the scenes at policy and issues affecting Aboriginal and Torres Strait Islander people. On Sundays 2SER opens up to multicultural programming with segments in Azerbaijani, Hindi, Tongan, Punjabi and Urdu, and lots of ethnic music.

Its local news service is gaining recognition as a formidable training ground for students, too. A handful of lucky candidates are taught on-the-job by industry veterans such as former 2UE news director Murray Olds. Since June last year, these students have gone on to work at 2GB, 2UE, Nova and SBS.

Then there's the *Jailbreak* program, which broadcasts stories and music by and about prison from inmates, their family and friends, giving a voice to these usually voiceless people. The program also has health messages for prisoners such as safe needle sharing.

Kate Pinnock has presented *Jail Break* for the last seven years and last year made about 30 visits to prisons around the state where she interviewed inmates, later using the material in a compilation of broadcasts.

"It's such a great thing that I am able to put these people on radio; they get so excited and it's such a lovely feeling to be able to do it. They choose some music and then start telling their stories," Pinnock says. "It's so amazingly empowering and therapeutic at the same time.

Because of these unique and unusual programs, 2SER's managing director Melanie Withnall doesn't feel her station competes with any other. "All the other community radio stations are very different. We have this unusual combination of stories, ideas and music that our listeners enjoy," she says.

As well as receiving university funding the station has sponsors, but Withnall emphasises that they must fit within the station's sponsorship policy and she's had to reject some that weren't suitable.



**LEFT TO RIGHT: 2SER presenters Daniel Healion and Sophie Ly; and Managing Director Melanie Withnall.**



"Because we are a not-for-profit, every cent that we raise goes directly back into our operating costs; the more resources we get, the more hours we can broadcast and the more interesting projects we can support, the more equipment we can buy," she says. "We would like to run 2SER as much as possible as an innovative station following best industry practice."

Looking to the future, Withnall acknowledges that it's becoming increasingly challenging to stay relevant in a media landscape where people now are bombarded with so many platforms that inform and entertain.

"Radio listening is not declining," Withnall declares. "And it's because of radio's portability, and it's free to receive once you have a handset. It is also where you can get most local content. "You can work on your laptop with the radio on in the background, or have it on while you drive the car. I know it will continue."

To keep on the cutting edge of engaging content, Withnall says that getting a continual turnover of new

**1997**

- 2SER participates in Digital Sound Broadcasting (DSB) technology trials.
- The station's Undercurrents wins CBAA award for "**Best News Story of the Year**" for "*Wik Millionaires*".
- Longstanding 2SER country music broadcaster, Barbara Morison, is **inducted into the Country Music Broadcasters Hall Of Fame**.

**1998**

- 2SER holds **Freaky Loops IV fundraiser**. 4000 people showed up to the event, and security had to turn another 2000 away.

**1999**

- 2SER scoops CBAA awards, including "**Excellence in Community Broadcasting**", "**Best News Story**" (Undercurrents) and "**Best Special Spoken Word program**" (*This Old Thing*).





## Vital stats

The station has a core audience of about 500,000 listeners a month, ranging from university students to seniors, just over half of these people are between 25 and 54 years old, 29 per cent are over 55 and 17 per cent are under 25 years old.

According to McNair Ingenuity Research, a staggering 12 per cent of all people in Sydney over 15 years old listen to 2SER at some time every month. The station takes on 250 new volunteers to make more 4000 unique programs every year.

volunteers is vital and her permanent staff members invest a lot of energy training, mentoring and giving them feedback.

“We found that the best way to train volunteers is just to get them to do it,” she says. “Our volunteers have incredible freedom to create content. We also do a lot of peer-to-peer learning where they learn from other volunteers.” Currently the station is in the midst of processing over 350 new applications.

As well as Robbie Buck, other notable volunteers who have launched their media careers from 2SER include Julie McCrossin, broadcaster at ABC Radio National, ABC TV and Network Ten for over two decades. Back in 1982, McCrossin kicked-off a comedy career at 2SER, creating her Dr Mary Hartman character; an aloof psychosexual therapist on Gaywaves.

Other success stories include Fenella Kernebone, host of long-running, cult electronic music show The Sound Lab on Triple J and now presenter on By Design on Radio

National, Patrick Galloway ABC network sports co-ordinator and Matt Brown ABC TV’s Middle East correspondent.

Recent volunteers who have gone onto great jobs include Natalie Muller, who now works at Deutsche Welle, Dani Pogson at 2GB news and Lia Tsamoglou at Double J.

But volunteering at 2SER isn’t only about jettisoning people to fame. Shannon Briggs, for instance, who has volunteered at the station for 12 years, does it to exercise his creativity. Briggs works four days a week as a web designer and is the presenter of Groove Therapy, a funk, jazz, hip-hop program of the 70s and 80s genre that runs every Friday at midday.

Briggs feels: “2SER brings together people from various walks of life, who are passionate about music or the arts or other fields. 2SER gives us the freedom to express our diverse set of opinions to a loyal fan base. The station fills a niche that no one else does. I just love it.” ■■



### 2000

- 2SER launches the **station’s first website**.
- 2SER donates equipment and logistical support to broadcasters in East Timor.

### 2009

- 2SER celebrates its 30th Anniversary.
- 2SER **holds first International Vinyl Day** where the majority of presenters play vinyl-only recordings.

### 2011

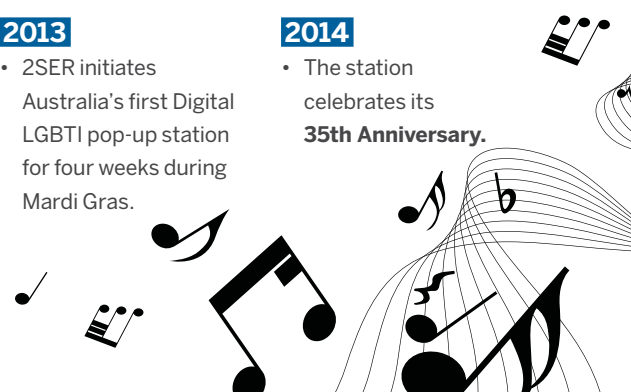
- The station launches on **Sydney’s digital radio network**.

### 2013

- 2SER initiates Australia’s first Digital LGBTI pop-up station for four weeks during Mardi Gras.

### 2014

- The station celebrates its **35th Anniversary**.



# Seeing the bigger picture

Meet the entrepreneur who built a company that the world's technology giants now rely on.

STORY BY STEVE MEACHAM

PHOTOGRAPHY BY ANNA ZHU

“I’ve always been entrepreneurial,” says Adrian Turner. “I think that began when I was busking outside Myer’s department store in Sydney when I was nine or 10, playing Christmas carols on my violin. That was when I first realised that you could do very well if you were a little creative in your thinking.”

Creative thinking has taken Turner a long way in his 43 years. One of Silicon Valley’s brightest minds, he co-founded Mocana, which provides security systems and applications for connected devices. The former pupil of St Ives Public School on Sydney’s north shore is also the author of the 2012 book, *Blue Sky Mining*.

From 2006-11, Turner was Chairman of Advance, a not-for-profit network which connects 20,000 expatriate Australians. He resigned from that position because he didn’t want Advance to be tarred with the personal views he expressed in *Blue Sky Mining*.

“During my time as Chairman of Advance I saw a lot of entrepreneurs leave Australia because they couldn’t raise the capital here to build their business,” he says. “There’s something structurally wrong when that has to happen.”

*Blue Sky Mining* contrasts Silicon Valley’s ability to create a plethora of new billion dollar industries with Australia’s inability to leverage innovative ideas, which has led to some of the country’s brightest talent heading overseas because they can’t find backers here.

“I copped a lot of heat in the period just after the book came out,” Turner admits. “People were saying, ‘This mining boom is going to last 20 years. You’re out of your mind saying we need to worry about building new entrepreneurial businesses now’.

“That’s changed now, with many people picking up the phone in recent months to say, ‘I’m ready for that conversation about creating the conditions for entrepreneur success in Australia.’”

## UTS is the one

Adrian’s older brother Nick (a celebrated architect) had already studied at UTS, but the younger Turner says his choice of university in 1992 went much deeper than following family footsteps.

“The thing I’ve always struggled with is that I have



a logical part of my brain – I had an affinity for mathematics at school. But I’m also a frustrated artist. I paint, I sculpt, and I used to play drums in a jazz band.”

“UTS was perfect for me. At the time it was the only university I could find that allowed me to combine marketing with business. I actually did a business degree with double majors in marketing and finance. UTS is still the pioneer when it comes to combining creativity with business.

“UTS also had a reputation for being a practical university. I did a part-time degree because I couldn’t wait to start work. I had a fire in my belly to get things done and I felt that studying full-time would be putting that on hold.”

While studying at night, weekends and holidays, Turner held down a full-time job firstly with News Ltd, and then with eye care chain OPSM where he learned about interactive TV. From there, he transitioned to IT by working at Ozemail as a Marketing Consultant, where he helped launch the world’s first network of coin-operated internet terminals.

### Silicon Valley

After graduating in May 1997, Turner married in October, and then decided to move to the US. “Going to the States was roll of the dice,” says Turner. “Everyone was saying that if I wanted to work in tech, I had to head west. So we landed in the heart of Silicon Valley. Remember this was in 1998, when the internet was getting started.”

“There was this amazing anything-can-be-achieved mentality,” Turner recalls. “Australia seemed hierarchical by comparison. Here, it was who you knew and where you went to school. In Silicon Valley, it’s a complete meritocracy. It doesn’t matter where you’ve come from or how old you are – if you’re good, you’ll succeed.”

Turner was just six months into his employment at Dutch-based electronics giant Philips when he came up with an entrepreneurial scheme to develop. “I convinced my line management to let me pitch my idea to some directors of the company which employed 240,000 people. My idea was to build the infrastructure to support connected devices. Anything other than people connecting to the internet was not being discussed in ●



**ABOVE:** Adrian Turner realised the internet is just the tip of the iceberg before co-founding Mocana.

“In Silicon Valley, it’s a complete meritocracy. It doesn’t matter where you’ve come from, how old you are – if you are good, you’ll succeed.”

ADRIAN TURNER,  
CO-FOUNDER, MOCANA



**ABOVE:** Adrian Turner became a member of the UTS Business Advisory Board in May.

the mainstream at that time. There were even questions about whether the internet would take off.

“I told them, ‘the internet is going to move beyond the web as we know it. Things are going to be connected to the web – things like the internet kiosks or business electronics. If I’m right, we will have to build infrastructure to support our connected devices, even deliver services online.’”

The directors gave him the go-ahead, and teams in Silicon Valley, Washington DC and the UK were engaged to deliver his idea.

“I was 27. We built the infrastructure I’d recommended, but it became clear it shouldn’t just be supporting Philips devices, but the entire industry. I tried to spin the idea out to Philips, but they wouldn’t let it go outside the company. So I left. That was the moment when I switched from being an employee to an entrepreneur.”

And he never looked back. In 2004, he and a colleague, James Blaisdell, launched Mocana. “We could see all these devices were going to connect to the internet and we realised the place to start was security.

“We self-funded the business for the first two and a half years, got revenue up to around \$US 1 million from around 30 customers, then got venture capital to fund the business.

“Fast forward and we’re one of the leaders in the world. Our customers include Cisco, Sony, Honeywell, Dell, General Electric and five of the top seven Android OEMs (original equipment manufacturers).”

#### Venture capital

Mocana has raised \$US 65 million to date and Turner was invited to speak at the World Economic Forum 2013 in Davos, Switzerland detailing what a fully

networked society means for every business. Mocana was one of 11 companies named a World Economic Forum 2012 Technology Pioneer, selected from more than 800 global nominations.

Turner resigned as Mocana’s Chief Executive late last year, though he is still on the board. “It’s a different sort of growth now,” Turner explains, “I enjoy the creative side of figuring out what the business will be. The more process-orientated part of running a business, I find less enjoyable.”

In 2014, Turner launched a second business, Borondi Group, with a fellow Sydney-sider he’d met through Advance, Chris Aitken.

Turner describes it as “a company that is building a portfolio of global operating assets at the intersection of pervasive computing and traditionally conservative industries like agriculture, mining, water management, transportation and healthcare.”

He predicts the next 15 years will all be about what people are calling “persuasive computing”. That means computers intersecting with the industries that have historically been Australia’s strength industries.

“The first investment we have made is in solar-powered atmospheric satellites (or ATMOSAT™) pioneered by Titan Aerospace. They are redefining the economics to launch low orbit satellites with a range of possible geospatial and data applications.”

The focus on pervasive computing intersecting with Australia’s strength industries means Turner will be back in Sydney a lot more over the next few years.

He plans to bring his daughter back to Sydney – if only to work on her accent. “I was just listening to her in the hotel and she definitely sounds American,” he laughs. “I keep reminding her she is one half Australian.” ■■■

# Nursing the dream

With the help of UTS Financial Assistance, Alyssa Higoe is realising her dream of working in rural health care.

**C**offs Harbour student Alyssa Higoe wasn't sure what to do with her life after high school. So, while her friends applied to attend university, she entered the workforce. It wasn't until she travelled and worked as a volunteer in Bosnia that she found her calling in health care, and that nursing was the career path she wanted to follow. That's when she applied to UTS to study nursing.

Alyssa chose UTS because she'd heard about its success in the Teaching and Learning awards. However, as a mature student, her path wouldn't be straightforward.

Her high school grades weren't high enough to qualify to study nursing at UTS, but as a mature student she was able to take a Special Tertiary Admissions Test. Her results, together with her personal statement, ultimately gained her acceptance to the course.

The challenges didn't stop there, though. As the youngest of five children, Alyssa's family could only offer her limited financial support. She was also unable to live at home as her family lived 600km from Sydney.

Alyssa moved to Sydney – a very expensive venture – but by her second year she had exhausted her savings and was struggling to make ends meet. She moved four times in that year alone. That, coupled with her financial worries, affected her grades. She contemplated deferring or even quitting the course.

However, Alyssa was able to access financial assistance from the UTS Student Services Unit. Through the service, she was given vouchers for



“Without financial assistance in the last 18 months, I would have had to drop out of my course...”

ALYSSA HIGOE

textbooks, and received grants to help pay her bills and basic expenses such as food and travel.

Alyssa also applied for UTS Student Housing, which made a big difference. A rental subsidy allowed her to live close to campus to spend more time studying and less time travelling. Plus, she no longer had to worry about further disruption from moving. The results were immediate – Alyssa's grades improved until she completed her studies.

“Without financial assistance in the last 18 months, I would have had to drop out of my course,” says Alyssa. “I'm so appreciative of all the help I have received and for the wonderfully understanding, supportive and encouraging staff at Financial Assistance.”

Alyssa was subsequently offered a grant to undertake a nursing placement in Townsville. This was very important to her development towards specialising in rural nursing. It paid for flights and two weeks accommodation in Townsville – a relatively small amount of money to unlock huge opportunities for her.

Now in her second year at Royal Prince Alfred Hospital in Sydney, Alyssa hopes to one day work in developing countries where health care is limited. ■■

To help more students like Alyssa reach their potential, visit [www.giving.uts.edu.au](http://www.giving.uts.edu.au) or call Andrew Graves on 02 9514 2782.



# The stroke of success

The UTS Haberfield Rowing Club is ready to produce Australia's next generation of rowing talent.

STORY BY KEVIN CHEUNG



A milestone has passed with the official opening of the new UTS Haberfield Rowing Club in April 2014. "It's been a long time in the making but it's certainly been worthwhile," says CEO of ActivateUTS Liz Brett. "We now have this world-class facility that we can really be proud of."

The \$8.5 million upgrade includes a new exterior, incorporating a timber facade, paying homage to the club's original 1925 design. There is also a restaurant and bar with outdoor seating that overlooks the picturesque Iron Cove, and a kiosk that is conveniently situated alongside the popular Bay Run harbourside walking path. For athletes, there is a new rowing shed, space for more than 50 boats, a state-of-the-art rowing boat racking system, gym, dressing rooms and a coaches' office.

"There aren't that many clubs in Australia steeped in so much history. It's what makes UTS Rowing Club so

**UTS students and athletes celebrate the club's opening at the Community Day Regatta in April.**

special," says men's coach and former Irish Olympic rower Gearoid Towey.

Indeed, the UTS Haberfield Rowing Club is known for punching above its weight. Since ActivateUTS (formerly the UTS Union) took over the running of the club in 1992, it has produced 37 Olympians, including 16 medallists under the guidance of coaches such as Tim McClaren and Ellen Randell.

"We believe our new world-class rowing and training facilities will attract more athletes to the club. We'll also be running a schools program; there's strong evidence to suggest rowers' association with the club influences their university preferences," says Brett.

With the new building in place, the university is in a position to realise its bold vision of becoming the nation's leading source for elite rowing athletes in international competition.



To realise this vision, the club needs support in three key areas:

### 1. Recruit and retain world-class coaching

When it comes to high achievement, winning awards and producing elite athletes, UTS recognises the importance of having high calibre, world-class coaches. It's a strategy that worked for us back in the glory days of the 1990s and early 2000s. Ultimately, a world-class head coach will:

- Galvanise our entire squad towards high achievement
- Lead and support our current coaches
- Attract new and established talent to the club.

### 2. Purchase and maintain superior equipment

Although the facilities at the UTS Haberfield Rowing Club have undergone a substantial upgrade, its fleet of boats have yet to enjoy the same attention. At present, the squad is doing the best with what it has as it trains and

competes with a dated fleet. To compete at the elite level, the club now needs to upgrade its fleet of rowboats and training equipment.

### 3. Attract top athletes and provide competitive scholarship support

Student athletes face not just the financial burden of their tertiary education, but also the costs that are associated with their sport. In rowing, this includes club fees, race entry fees, uniforms, medical costs, travel expenses and more. To make the process easier for them, UTS aims to attract student talent by offering significant student athlete scholarship programs.

Knowing what a positive impact the rowing club has already had on UTS, there is no doubt that its continued growth will be felt by the community as it creates Australian rowing history. ■■■

## Help now

To make a donation please contact Bronwyn Neeson on:

**W:** [giving.uts.edu.au/uts-rowing](http://giving.uts.edu.au/uts-rowing)

**E:** Bronwyn.Neeson@uts.edu.au

**P:** 02 9514 7507

# Justice for women

Dr Lucy Fiske is giving a voice and a platform to women who've survived wartime atrocities.

STORY BY ÅSA WAHLQUIST



**W**hat would justice look like to a woman who had survived the violence of war? This is the question Dr Lucy Fiske, UTS Chancellor's Postdoctoral Research

Fellow, has been asking of women in Kenya, northern Uganda and the Democratic Republic of Congo (DRC). The significance of her work hasn't gone unnoticed – she's been invited to present her research to the United Nations.

The project was initiated by the NGO, ActionAid. Dr Fiske admits she was initially hesitant to join. But after listening to ActionAid's Carol Angir about the difficulties women in the region have, she realised "I wanted to be involved and I would need to learn more about the local context. I needed enough of a theoretical framework and a human rights framework to approach the work."

Dr Fiske and University of Sydney law lecturer, Associate Professor Rita Shackel, sought and received

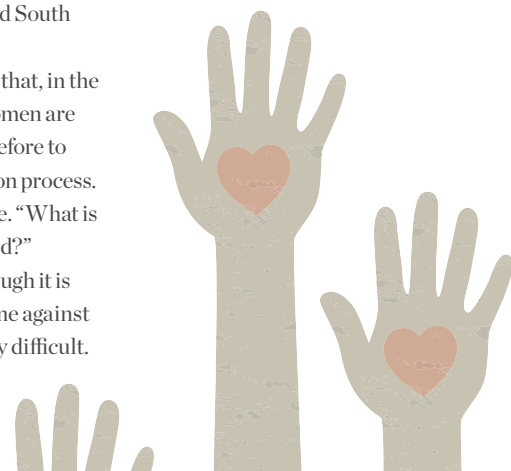
funding through the Australian Development Research Award Scheme.

The project is focussed on transitional justice, justice brought in after mass violence. "It is partly about delivering or getting individual justice, but it is also about rebuilding a strong society," she explains. The Truth and Reconciliation Commission in post-apartheid South Africa is an example of such a scheme.

But there is a risk in post-conflict societies that, in the desire to restore peace, the experiences of women are overlooked. The next stage for women is therefore to participate in the rebuilding and reconciliation process. "We need to hear from women," says Dr Fiske. "What is happening for them? Has the violence stopped?"

Rape in war is a significant injustice. Although it is now recognised as a weapon of war and a crime against humanity, securing prosecutions is extremely difficult.

**ABOVE:** Dr Lucy Fiske working in northern Uganda with her research team and NGO partners.







**“Too often women are seen as victims who need our expert help. They certainly do need some help, but we need to be asking women what they think.” DR LUCY FISKE**

“In Bosnia, an estimated 30,000 to 50,000 women were raped during the war, yet there were 30 convictions,” observes Dr Fiske. “That leaves an awful lot of women without criminal justice.”

Even in the rare case that the victim of rape receives justice, they often then face community stigma, and they need healthcare.

#### **The wisdom of compassion**

Dr Fiske completed a BA at the University of Western Australia, majoring in history and literature. “I have always been interested in social justice and how we live together,” she says.

A social work degree followed – later working with asylum seekers and refugees; finishing her PhD in 2012 on *Insider Resistance: Understanding Refugee Protest Against Immigration Detention in Australia, 1999 – 2005*.

She learned that refugees, “Are rarely given a chance to speak for themselves. But if we ask, [they] have very valuable contributions to make.” It’s a notion that has as much significance to her current project.

“Too often women are seen as victims who need our expert help. They certainly do need some help, but we need to be asking women what they think. We are trying to broaden the lens and ask ‘how has this conflict affected you, what are the legacies that you are still dealing with?’”

Much of the team’s resources is being put into “Sitting with women and having conversations so we can try to understand the experience from their perspectives, and their ideas for what will heal them and their community.”

The project, which began in March 2013, has partnered with ActionAid in Kenya, Uganda and DRC. The aim is to deliver a rigorous evidence base. Local women are trained in the elements of capacity building, interview and research skills, allowing a simpatico talk between local women and women affected by violence. The interviews are transcribed and translated and sent to Dr Fiske. “We have Skype sessions, we’ve had multiple trips back and forth.”

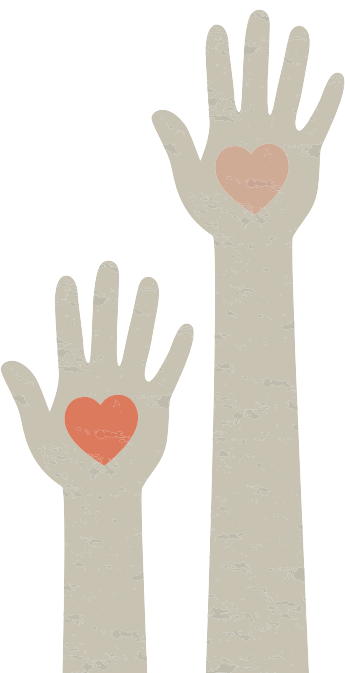
In total, 180 women will be interviewed.

#### **Effecting positive change**

In March this year, several members of the project attended a meeting of the United Nations Commission on the Status of Women to talk about their work. “To get it on the agenda, to get the traction we need, we need an evidence base, and that is what we are building”.

The work that Dr Fiske is undertaking has the potential to effect change at many levels, from women who have survived mass violence, to the policy makers at the United Nations. She hopes the work will lead to an incremental shift in thinking, particularly in respecting the views of the women themselves.

Although mass violence is an unpleasant subject to discuss, Dr Fiske finds the survivors inspirational. “This project is about creating a platform for women to have a voice, to bring their voices and their experiences into the debate and using our position as western-funded academics to amplify their words. That is wonderful work to be involved in.” ■■■

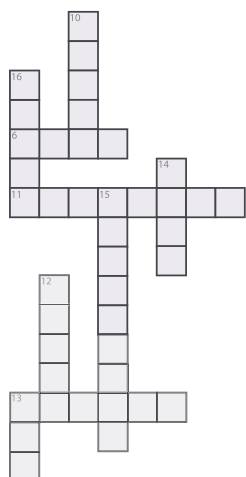


# Puzzle me this

UTS academic Jenna Price raises the curtain on Australia's beloved wizard of wordplay, David Astle

STORY BY JENNA PRICE

PHOTOGRAPHY BY KEVIN CHEUNG



“**D**ad is a man of few spoken words, diffident in nature. He doesn’t find it at all easy to show affection, though I know how strongly it is there. So we do the crossword together. We sit and go through, each with our own strengths and weaknesses . . . we sit, in companionable silence over the shared page, until one of us gets a clue.”

Those words are part of a letter, a thank you note from a woman who had long agonised about her relationship with her father. He was very reserved, she wanted to break through that reserve, to connect.

And she finally made that connection with the help of a man she’d never met: David Astle, word wrangler, cryptic crooner, good guy. He gets a lot of mail: lovers, haters, friends. Mostly, they don’t know him, couldn’t recognise

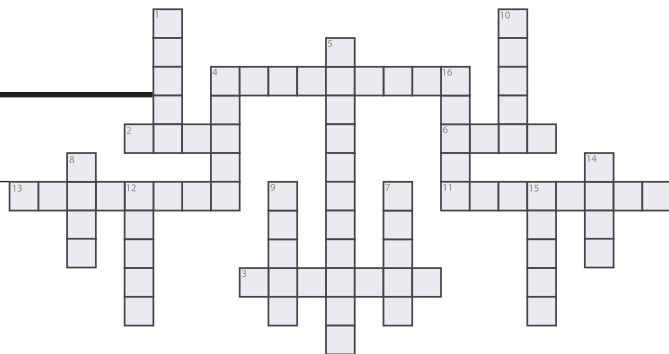
him in a crowd. But they know him through his words.

David Astle, 52, writes the notorious cryptic crossword which appears, reliable as an alarm, every single Friday in the Sydney Morning Herald (easy to be treacherous from his home in Melbourne).

You will know him by his clues; and also by the tiny letters affixed to each of his racks: DA. Addicts, aficionados and the addled say DA really stands for Don’t Attempt. Racks? Yes. Some get strapped, then tortured on them. When I asked friends if they did David’s puzzle, one tells me there is a permanent fatwa on mentioning DA in his household: “He is devilishly difficult. Some days you lose the will to live.”

By the time I met this alleged torturer, he was already about 18 or 19, a lovely sunny boy from Sydney’s north





“I loved [UTS] because it radicalised me in a way; made me more political, gave me a more acute social conscience.”

was doing a series on World War One. He was fact checking photos of guns and matching them up with serial numbers. That’s when he wasn’t chatting to everyone. As queen of deadlines, Tracy loathed him; until she discovered that he was the DA behind her favourite crosswords. Tracy, an academic at RMIT, one of the ATN group, is still a harsh critic.

“I’m not an elite solver ... I tell him when they are unfair or when he’s given two clues, but the third leap is in his head,” she said.

But his first leaps, all those years ago, were at university. A few of us who were at UTS in the early 80s have talked about the way the institution influenced us – I think David nails it. Specifically, he mentions an academic who taught us both, Arnie Goldman. We both loved him (and not just because he would quote Dylan in his poetry lectures on William Blake – the annual 2SER Dylan Birthday Marathon is a Goldman legacy).

Of course it was much more than any individual.

“I loved it because it radicalised me in a way; made me more political, gave me a more acute social conscience. And it gave me the courage to express myself and pursue things that were not classically careerist.”

In what David might describe as a classical career, there are the dreaded key performance indicators, the endless reviews. He has none, unless you count a swathe of grumpy clue solvers who may ring or tweet or email *The Herald* if the neat solutions do not please them.

But there are also the letters just like the one where we began our brief meeting with David. A solver writes:

“[Your crosswords] provide me with so much more pleasure, and amusement, and screaming frustration and terrible ire. And the sly winks, and the tongues-in-cheek, and the touch of blue, and the rare invasion of politics...They are glorious.” ■■■

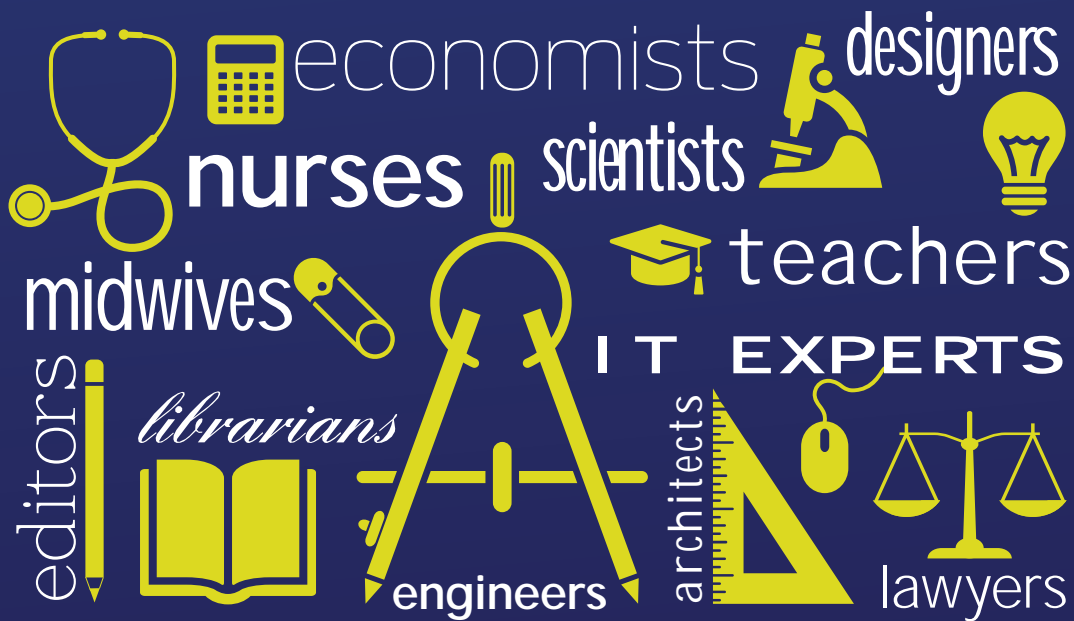
Don't Attempt's five favourite words

- **Rhapsodic** – It’s quintessentially musical. The first syllable includes rap. The last five letters are an anagram of disco.
- **Didgeridoo** – IT has a beautiful sound to it AND a unique letter pattern. The shape of the word looks like the instrument being played, long, with the first and third Ds looking like the knuckles of the player. It’s musical too – Geri is in there (she’s a Spice Girl) and Dido, also a singer, surrounds her.
- **Serendipity** – There’s a dip inside serenity. That’s a reminder that you need to have an alertness and a peace of mind when you plunge into something. Plus, a fantastic brand of ice-cream.
- **Someone** – It doesn’t get a lot of kudos but it’s an oxymoron: a plural beside a singular. It also sounds like an amount you have gained – a sum won. Then it is that person we are always seeking, so it’s central to the human quest. It’s also a pitted fruit (a melon without the l inside) and the me(l)on is contained in another pitted fruit, the s(l)oe – dovetailed succulence.
- **Alice**. I love Alice and not just because she is my niece; and the Wonderland pilgrim. You will also see that within Alice is LI, which is 51 in roman numerals. Looking for a pack of cards? That’s Alice. LI plus the ACE.

# You can make a difference

Over the last 3 years the UTS Annual Appeal has raised over \$100,000 to help hundreds of students complete their studies through our scholarships and support programs.

This means more...



So we just wanted to say *thank you*.

This couldn't happen without you.

BUT OUR WORK CONTINUES. Please consider donating to our ongoing Annual Appeal. Donate at [giving.uts.au/annual-appeal](http://giving.uts.au/annual-appeal) or call Andrew Graves on 02 9514 2782.



# BOB CARR

## JOINS UTS

### BOB CARR APPOINTED TO LEAD THE NEW UTS AUSTRALIA CHINA RELATIONS INSTITUTE

Photo by Elizabeth Kuo

The University of Technology, Sydney has appointed Australia's former Foreign Minister, the Hon. Bob Carr to lead the Australia China Relations Institute (ACRI) – a new think-tank dedicated to Australia-China relations.

UTS Vice-Chancellor, Professor Ross Milbourne said Bob Carr would bring experience and leadership to this exciting new Institute, and would work with a world-class team of researchers.

“Engagement with China was a hallmark of Bob's term as Minister for Foreign Affairs - even as Premier of New South Wales – and he brings to UTS a wealth of experience, knowledge and understanding of foreign policy and international relations,” Professor Milbourne says.

A global search is now underway for an academic director to lead the research program.

“ACRI will not be devoted to China studies or China's world role but to the Australia-China relationship. This makes it unique among Australian think tanks and universities,” Professor Carr said.

He added, “ACRI will modernise the conventional approach of international think tanks. It will use the university's expertise in data analytics and choice modelling to achieve a deeper understanding of economic, political and social sentiment in Australia and China concurrently.”

ACRI was made possible by a \$1.8 million donation made by Mr Xiangmo Huang, Founder and Chairman of the Yuhu Group.

**“ACRI will modernise the conventional approach of international think tanks.”**

BOB CARR

# NEW UTS VICE- CHANCELLOR APPOINTED

PROFESSOR ATTILA BRUNGS HAS BEEN SELECTED AS VICE-CHANCELLOR TO SUCCEED PROFESSOR ROSS MILBOURNE WHEN HE RETIRES IN JULY 2014

A global search was conducted with excellent candidates applying from Australia and abroad, but “Attila’s imagination, passion, and commitment set him apart from the other candidates,” articulates Professor Vicki Sara, UTS Chancellor.

Professor Brungs is a Rhodes scholar who earned his DPhil in Inorganic Chemistry

at Oxford University. His career has spanned academia and industry. Prior to joining UTS as Deputy Vice-Chancellor Research, he held senior positions at CSIRO.

Professor Brungs feels “there is a creative energy here at UTS, a desire to make a difference. Our ability to harness that energy and translate it into concrete outcomes

and exceptional student experiences is what makes UTS different. I am humbled to have been selected to succeed Ross. Leading a university already ranked amongst the world’s best in its first 25 years is a unique opportunity.”

“Ross has set the university on a strong upwards trajectory,” acknowledges Professor Sara. “Under the strategic leadership of Attila we will realise our goal to become a world-leading university of technology.”

**“Leading a university already ranked amongst the world’s best in its first 25 years is a unique opportunity.”**

PROFESSOR  
ATTILA BRUNGS



Photo by Jesse Taylor

Professor Attila Brungs will take over as Vice-Chancellor.



UTS’s inaugural calling campaign helped raise more than \$35,650.

## GIVING WITH PRIDE

### Calling campaign puts help within reach for more UTS students

The UTS Annual Appeal took on a new dimension in 2013 with its inaugural calling campaign to help raise money for the scholarships and financial assistance schemes offered to our students. Taking place over six weeks, the final tally came in at just over \$35,650.

UTS students and staff were able to connect with more than 4300 alumni, bringing them up to date with the new changes and achievements at UTS.

An impressive 467 of those alumni made a donation to UTS’ scholarships, researchers, teaching and learning enrichment programs and students facing financial hardship. 385 of those alumni were donating for the first time. With such great results, UTS plans to repeat the campaign later this year.

## FAREWELL MADIBA

On 5 December 2013, the world mourned the death of a great man, His Excellency Nelson Mandela.

Mandela was awarded a Doctor of Law (honoris causa) by UTS at a private ceremony in 2000 with then-Chancellor, Sir Gerard Brennan, and then-Vice-Chancellor, Tony Blake. The only other recipients at that time outside Australia were Aung San Suu Kyi of Burma and Dr Pradit Sintavanarong of Thailand.

Nelson Mandela spent 27 years as a political prisoner at Robben Island. After his release in 1990, he led South Africa to democracy. He was awarded the Nobel Peace Prize in 1993 and, in 1994, he became South Africa’s first black president.

UTS has been active in South Africa since the end of the last century by providing teacher education programs and bridging programs, and leading the development of a Women’s Executive Development Program for South African Universities.

UTS will remember a man who dedicated his life to the pursuit of justice for the people of South Africa and was an emphatic figurehead for oppressed peoples everywhere.

# ROLE MODELS TO FOLLOW

## UTS STUDENTS SHINE IN INDIGENOUS DOCUMENTARY



FROM LEFT: James Saunders, Ivor Rigney and Allison Page.

Three students from UTS, one of them a graduate, have had the good fortune of being featured in the documentary series Indigenous Models of Achievement (IMO). Design graduate Allison Page, medical science student Ivor Rigney and communications student James Saunders were among nine Aboriginal and Torres Strait Islander students and graduates to be featured in the three-part series, which premiered on TVS in April.

Narrated by the Director of UTS's Jumbunna Indigenous House of Learning, Michael McDaniel, IMO shares the amazing educational journeys of everyday people to not only improve their lives but also the lives of those around them.

The series will be repeated throughout the year and is also available through the Bridges higher education website, Make Your Mark ([www.makeyourmark.edu.au](http://www.makeyourmark.edu.au)).

## BUSINESS LEADER HONOURED

The UTS Degree of Doctor of Business (honoris causa) has recognised Dr Greg Poche, UTS alumnus and luminary, for his contributions to the business community and for his generous philanthropy. Dr Poche founded freight company, Star Track Express in 1972 while completing a Bachelor of Business at UTS (when it was called the NSW Institute of Technology Sydney) in 1979.

Selling his company in 2003, he donated millions to universities for research and established the Poche Centre for

Indigenous Health and the Melanoma Institute of Australia at St Vincent's Hospital and Mater Health, Sydney. He also supports Youth Off The Streets, Care Australia, UNICEF, and youth sailing programs. Dr Poche's total gift-giving is in the region of \$125 million.

"Greg has shown us how one individual can make a difference and his generous support has made a significant contribution towards closing the gap of inequity and disadvantage in our community," Vice-Chancellor Professor Ross Milbourne said.

## AUNG SAN SUU KYI FREE

UTS has presented Burmese Opposition Leader and freedom fighter, Aung San Suu Kyi with an honorary Doctor of Letters (honoris causa), in recognition of her courageous role as a leader of the democracy movement.

She was originally presented with an honorary Doctor of Letters from UTS in February 1997, which was accepted on her behalf in Sydney by her husband Dr Michael Aris as she was under house arrest in Burma. The ceremony was a solemn occasion.

It was with great pride, 16 years later, UTS was able to personally present Aung San Suu Kyi her honorary degree at an event at the Sydney Opera House on 27 November 2013. Sadly, Dr Aris was not by her side – he passed away in 1999.

"Now finally, we have the privilege of bestowing that honour upon her personally, as we join in the celebration of her freedom," said Chancellor Professor Vicki Sara. "Aung San Suu Kyi's fight for justice and democracy has inspired people worldwide for decades. Importantly as a university, this occasion allows our students – tomorrow's leaders – to witness the power of Aung San Suu Kyi's conviction and integrity in the fight for social justice."

## SEKAI HOLLAND WINS GLOBAL AWARD

UTS alumnus and Zimbabwean Senator Sekai Holland, who graduated from UTS with a Bachelor of Arts (Communication) in 1979, is the 2014 Advance Global Alumni Award winner.

The award was presented at a ceremony at the Sydney Opera House in March. The Advance Global Australian Awards celebrate Australian expatriates who exhibit talent, vision and ambition. They are the only awards acknowledging the important contributions of the more than one million Australians living overseas.

Holland was a founding member of Australia's anti-apartheid movement in the late 1960s and was active within the Aboriginal community during the land rights movement. She also helped establish the Murrawina Child Care Centre in Redfern.

Her courageous spirit was recognised in 2012 with the Sydney Peace Prize. The next year, UTS awarded Holland an honorary doctorate and she was recently guest of honour at UTS's International Women's Day, where she shared her experience of working in a power-sharing government with Robert Mugabe.



## GET READY FOR THE 2014 CHINA ALUMNI REUNION

SAVE THE DATE AND REGISTER NOW FOR OUR EXCLUSIVE EVENT



The 2013 China Alumni Reunion was a great success.

### BEIJING

**Date:** Monday 30 June 2014

**Time:** 6.30pm for 7.00pm start — 8.30pm

**Venue:** The Peninsula, 8 Goldfish Lane, Wangfujing, Beijing

**RSVP:** Fr 20 June 2014

### SHANGHAI

**Date:** Wednesday 2 July 2014

**Time:** 6.00pm for 6.30pm start — 8.00pm

**Venue:** The Peninsula Shanghai, 32 Zhongshan East 1st Rd, Huangpu, Shanghai

**RSVP:** Wed 25 June 2014

### HONG KONG

**Date:** Friday 4 July 2014

**Time:** 6.30pm for 7.00pm start — 8.30pm

**Venue:** Island Shangri-La, Supreme Court Rd, HK

**RSVP:** Fri 27 June 2014

UTS is proud to have graduated over 20,000 Chinese students since the University was established 25 years ago. That's why in June and July, UTS will be in China to host a series of alumni reunion events to celebrate our China-based graduates.

The tour will encompass three cities and three exclusive locations.

This is a golden opportunity for our alumni to reminisce with former classmates, discover more about the UTS of today and tap into a powerful network of professionals working in a variety of industries across Asia.

This is also their chance to participate in their local alumni chapter. UTS alumni chapters offer professional events, support and networking opportunities. These are just some of the benefits of being a UTS alumnus, even if you don't live near the UTS tower.

Register at [www.alumni.uts.edu.au](http://www.alumni.uts.edu.au)



Our UK-based alumni celebrated at Australia House.

## THE LONDON CONNECTION

### MORE THAN 200 UTS GRADUATES CELEBRATED THE INAUGURAL UK ALUMNI EVENT AT AUSTRALIA HOUSE

All faculties and disciplines were represented with some expats not having seen each other for more than 20 years. Drinks and canapés were consumed as teachers and classmates were remembered with guests reminiscing about the all-important extra-curricular activities that are such a memorable part of university life.

Host, UTS Vice-Chancellor Professor Ross Milbourne, shared news of the University's future plans. For many it was the first they heard of the Campus Master Plan; a revitalised Alumni Green and the new Business School designed by one of the most important contemporary architects of our time, Frank Gehry.

A highlight of the evening was guest speaker, Martin Bean, Vice-Chancellor of The Open University – the UK's largest academic institution with a reputation for innovation and flexible learning. Vice-Chancellor Bean's engaging talk purported the need for tertiary education to challenge and transform, to better serve the ever-changing needs of students. His vision and passion inspired the room, sparking ongoing discussion amongst guests as they headed off to local pubs to continue their discourse.

The UK Alumni event provides an opportunity for alumni to connect socially and professionally, encouraging a solid foundation to further develop relationships and networks in the UK.

If you're a UTS graduate based in the UK or Europe, please update your details at [www.alumni.uts.edu.au](http://www.alumni.uts.edu.au)



Chris Cooper accepting his Academy Award.

FACULTY OF ENGINEERING

# AND THE ACADEMY AWARD GOES TO...

**“It’s difficult for someone to insert a computer-generated character into smoke or fog.”**

CHRIS COOPER

UTS alumnus Chris Cooper was honoured at the Academy Awards in March for his significant contributions to the process of making motion pictures.

Cooper graduated with a Bachelor of Computer Systems Engineering in 1997. He then spent ten years at visual effects company Animal Logic, where he helped develop a process called deep compositing.

The software they developed solves one of the many problems film studios face with integrating computer-generated elements into live action shots: “It’s difficult for someone to insert a computer generated character into smoke or fog within a compositing system,” said Cooper. “Instead of outputting a single colour value for each pixel, the rendering software outputs a fall-off curve with pixel density versus distance from the camera.”

The workflow was originally developed for the Baz Luhrmann film *Australia*, in which computer generated cattle were inserted into scenes that already had live cattle, to make the herd look larger.

FACULTY OF SCIENCE

## FROM PHD TO POSTDOCTORAL RESEARCH FELLOW



FROM LEFT: Dominic Hare and Joel Barratt

Photo by Lisa Aloisio

Having completed their undergraduate science degree and PhDs at UTS, Dominic Hare and Joel Barratt, have just become UTS Chancellor’s Postdoctoral Research Fellows as of April.

Barratt, who has joined the UTS team after gaining invaluable research experience in the microbiology department of St Vincent’s Hospital in Sydney, will be continuing his studies in molecular parasitology by studying and sequencing a parasite called Leishmania, a pathogen that causes widespread disease across the developing world.

“I hope to design and evaluate a prototype vaccine which will

hopefully lead to a human vaccine for Leishmania in the future,” says Barratt, 29.

After spending his PhD years developing new analytical techniques for studying metals in biology, Hare will be working in the field of metalloproteomics – an offshoot of proteomics that looks specifically at metal binding proteins, and the role of trace metals within the body.

Over the course of his fellowship Hare will be expanding on knowledge in the world of metalloproteomics by investigating the interaction of metals and protein on a molecular level.

*Story by Angela Risso*



Photo by Anna Zhu

FACULTY OF HEALTH

## UTS INTRODUCES NEW MASTER OF PRIMARY HEALTH CARE

Recent reforms to Primary Health Care (PHC) emphasise a shift from health services at hospitals to multidisciplinary, community-based primary care. The new Master of Primary Health Care at UTS provides the knowledge and expertise required to work within the new framework.

It’s suited to Primary Health Care workers who want to enhance their skills or switch to

a practice or management role, regardless of their background.

Graduates can be employed in clinical roles, in management and leadership within government and non-governmental organisation within the PHC setting in Australia and internationally.

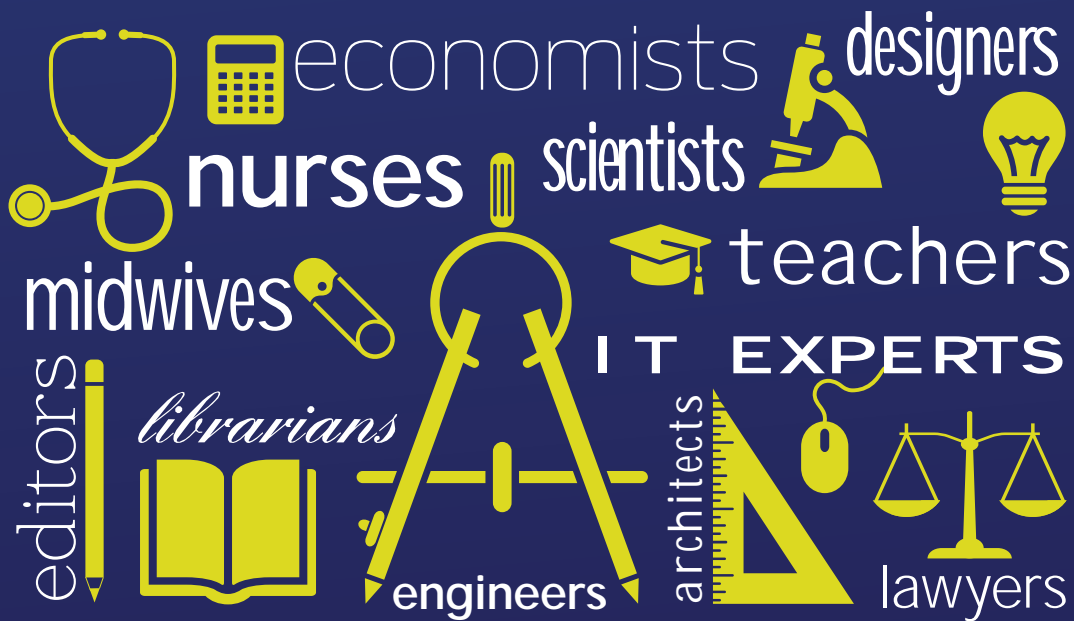
The Master of Primary Health Care will be available for mid-year entry. Visit: [www.phc.uts.edu.au](http://www.phc.uts.edu.au)

 UTS ANNUAL APPEAL

# You can make a difference

Over the last 3 years the UTS Annual Appeal has raised over \$100,000 to help hundreds of students complete their studies through our scholarships and support programs.

This means more...



So we just wanted to say *thank you.*

This couldn't happen without you.

BUT OUR WORK CONTINUES. Please consider donating to our ongoing Annual Appeal. Donate at [giving.uts.au/annual-appeal](http://giving.uts.au/annual-appeal) or call Andrew Graves on 02 9514 2782.

# UTS:INSEARCH is proud of its 30,000+ graduates.

Over the last 25 years, UTS:INSEARCH alumni have been achieving great success in every corner of the world.

We want to celebrate these achievements and connect with all of you, in one location – LinkedIn.

Join UTS:INSEARCH on LinkedIn to reconnect with your past classmates and teachers, and find out about upcoming events and other opportunities to connect.

## Isn't it time you LinkedIn?



Scan the QR code to reconnect with your fellow alumni.



# INSEARCH

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