

Lumen

WINTER 2009



A champion
of human rights

LIFE IMPACT — THE UNIVERSITY OF ADELAIDE

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THE UNIVERSITY OF ADELAIDE

The *Lumen* masthead is derived from the University of Adelaide motto "Sub Cruce Lumen" — the light (of learning) under the (Southern) Cross.

Studying at the University of Adelaide means being part of a rich tradition of excellence in education and research, with world-class academics and a vibrant student life.

Our graduates make an impact on the world. **Life Impact.**



www.adelaide.edu.au/lumen

Message from the Vice-Chancellor

Many of the graduates profiled in *Lumen* leave an enduring legacy to the University of Adelaide, through the impact of their education and their ongoing generosity to the University, both in spirit and in financial bequests. One of our most distinguished graduates and a long-time benefactor of the University is the Chief Minister of Sarawak, the Right Honourable Pehin Sri Dr Haji Abdul Taib Mahmud AO. It is with deep regret that I report the recent passing of his wife, Datuk Amar Puan Sri Dr Hajjah Laila Taib. The couple met while both studying at the University of Adelaide in the late 1950s. Our sincere condolences to Chief Minister Taib and his family.

As you read this column, up to 30 alumni each day are signing on as new members of our online community, helping us inch closer to our goal of 10,000 members by 1 July.

The past 12 months have seen a major change in the way the University communicates with its alumni. Thanks to the launch last July of our exclusive networking facility, Adelaide onLION, we have reconnected with more than 9000 graduates, many of whom are renewing their association with the University after a long hiatus.

The benefits to both the University and our alumni are far reaching. Alumni can now take advantage of a range of discounts, specials and exclusive offers courtesy of their online community membership. The opportunities to re-establish contacts with former classmates, to create invaluable career networks and help mentor existing students and new graduates are just some of the attractions. From the University's perspective, it is gratifying to strengthen our alumni links and build long-term relationships with people who have helped shape the University's 135-year history.

One of our most prominent legal graduates, Catherine Branson QC, graces the cover of our Winter edition. Ms Branson, a former Federal Court Judge, looks back over her first year as President of the Australian Human Rights Commission. It's a role that has been shaped by several of our high-profile alumni, including the University's Chancellor, the Honourable John von Doussa QC, who was Ms Branson's predecessor. Dame Roma Mitchell, another alumnus, was the founding chairperson of the Commission in 1981.

Alumni from Malaysia and Singapore, who studied at the University of Adelaide under the Colombo Plan, reunited near Kuala Lumpur in April at a function hosted by world-class architect and alumnus Hijjas Kasturi. Full details are on page 22.

This edition also celebrates the 120th birthday of the Adelaide Medical Students' Society — the oldest and most active student society on campus.

I hope you enjoy your Winter edition.

JAMES A. McWha
Vice-Chancellor and President

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Catherine Branson QC
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FROM PENICILLIN TO PNG:

{ 120 years of medical achievements }

The oldest student society at the University of Adelaide has much to celebrate this year. Candy Gibson reports.





Much has been written about the University of Adelaide's most brilliant medical graduate in its 135-year history, Nobel laureate Lord Howard Florey.

He is the man credited with changing the course of medicine and human history with his development of penicillin as the world's first antibiotic.

Lord Florey also happens to be the most famous name among an illustrious list of Adelaide Medical Students' Society presidents since its foundation in 1889 — leaving his successors with very big shoes to fill.

This year, his contribution and that of thousands of other medical students is being honoured to commemorate the 120th birthday of the Adelaide Medical Students' Society (AMSS).

As the oldest — and most active — student society on campus, the AMSS boasts a roll-call of past committee members and office bearers who have gone on to become national and international leaders in the world of medicine.

More importantly, the Society's history of charitable works has benefitted many worthy medical causes over the past century.

The current crop of beneficiaries includes Oxfam, the Red Cross, Insight (a student-run global health organisation), World Vision, the Royal Flying Doctor Service and Angel Flight.

In 2008 alone, the AMSS donated almost \$25,000 to charity, thanks to a

series of fundraisers which fulfilled the Society's social as well as philanthropic goals.

Since 2003, about 50 University of Adelaide final year medical students have also self-funded their elective placement at a hospital in the remote highlands of Papua New Guinea, in the Enga Province.

Kompiam District Hospital is run by Dr David Mills, an honorary lecturer at the University of Adelaide, who introduces students to the coalface of medicine in a developing country.

"From a purely medical point of view, they are exposed to everything — malaria, typhoid, infant diseases, pneumonia and the legacy of tribal fighting which results in severe machete, bullet and spear wounds.

"They also get their hands dirty in theatre, performing operations, giving anaesthetics and delivering babies," Dr Mills said.

"The experience opens up the whole spectrum of what medicine is all about because until this point in their training they have only seen a western branch of medicine which follows a certain set of patterns. The PNG experience gives them a much broader picture because they are not only exposed to some serious illnesses and trauma, but also the factors that contribute to disease."

The 35-bed hospital at Kompiam is a six-hour harrowing drive from the nearest town, Mt Hagen, and serves about 40,000 people.

The site is powered by two generators, has only two full-time doctors and is

woefully equipped and undersized. All the more reason why medical students are welcomed with open arms at Kompiam.

For Dr Jackie Boyd, the PNG placement back in 2005 proved a life-changing experience. An initial four-week stint was followed by an invitation to return to Kompiam as a full-time doctor for 12 months in 2007.

"It was an amazing year. It taught me to work in a resource-limited setting and become familiar with a whole array of diseases, not to mention learning a new culture and language. I would recommend it to anyone, medical student or not," Dr Boyd said.

Dr Andrew Perry, a graduate who is now working in emergency medicine at the Lyell McEwin Hospital in Adelaide, is a former committee member of the AMSS and also a member of the 'Kompiam Alumni'.

His PNG placement in 2003 and a visit to India the same year planted the seed for a new medical student organisation to raise both funds and awareness of health needs in developing countries. ►

Opposite left: Dr Andrew Perry (Class of 2004) with two patients (brothers) who were treated for shotgun injuries from tribal fighting. The patient on the right required amputation of his gangrenous arm.

Above left: Dr Jackie Boyd (Class of 2005), PNG practitioner Dr Mark Taiye and Dr David Mills perform a forearm tendon operation.

Above: Final year student Laura Trezise with a 9-year-old patient who fractured his femur after falling out of a tree.



Top left: Dr Jan-Paul Kwasik (Class of 2007) examining an elderly man while on patrol in a remote clinic.

Top right: Dr Matthew Hutchinson (Class of 2005 and AMSS President in 2002) incising and draining a large facial abscess while on patrol. Left: Adam Nelson, fifth-year student and AMSS President in 2006, pictured with Kompiam Hospital staff.

Photos by Jan-Paul Kwasik, Adam Nelson, Matthew Hutchinson and Laura Trezise

Insight came into being in 2004 as an arm of the AMSS. Now a stand-alone global health group, Insight has worked in conjunction with the Society to raise more than \$60,000 to build a student medical house at Kompiam for the sixth-year interns.

Its fundraising efforts have also resulted in the \$7000 purchase of mosquito nets for malaria-ravaged communities in the Enga Province.

The next step in the Kompiam story is an ambitious plan to build a new 70-bed hospital with dedicated tuberculosis, HIV, paediatric and maternity facilities.

Thanks again to a medical student fundraiser, the daunting task of raising \$2.6 million needed for this project has got off to a dream start.

While addressing an Insight fundraising dinner in Adelaide back in 2006, Dr Mills met

a team member from Engineers Without Borders. Dr Mills fished out the engineer's business card some months later when he needed a lifeline — volunteers to help approve and build the new hospital.

The engineer went one better, teaming up with Architects Without Borders in a joint project to provide the equivalent of \$750,000 in consulting fees and man hours to date.

"We now have a full master plan of the new hospital site, with voluntary input from a whole range of professionals," Dr Mills said. "The latest design and engineering skills have been employed in this project to work in harmony with the environment and the power restrictions we face. It's just been an amazing process and I'm really humbled by the generosity of so many people."

This spirit of giving has been a constant of the AMSS for the past 120 years and will be formally acknowledged with the launch of an AMSS Philanthropic Foundation at the National Wine Centre on 18 September.

The foundation will invest the AMSS's budget surplus each year which, combined with alumni donations, will help fund new scholarships, books and equipment, as well as continue existing charitable works.

Current AMSS President Mark Hassall said the Society had a lot to celebrate this year.

"We represent the interests and passions of more than 900 full-time medical students at the University of Adelaide from across all six year levels," he said.

"It's important that students not only embrace their education and training while at University, but get a chance to contribute to their community — and have fun along the way. Hopefully we are achieving all these goals," Mark said. ■

For more information on the 120th birthday celebrations of the AMSS, email president@amss.org.au

Bequest lures young scientist home

Chemistry graduate Dr Kate Wegener is returning to the University of Adelaide to become the first Ramsay Fellow.

The Ramsay Fellowship was established in 2008 with a significant bequest from the Ramsay family, founders of the Kiwi Polish Company (later Kiwi International), the famous shoe polish manufacturers.

Hamish Ramsay fulfilled his late stepmother's wish to help advance scientific research by pledging funds for four-year Ramsay Fellowships.

Dr Wegener, currently a postdoctoral researcher at the University of Oxford, will be the first of the Ramsay Fellows and eventually the Fellowship will support four independent research fellows.

Dr Wegener grew up in Port Lincoln where her parents still live. She graduated with a First Class Honours degree in Science, majoring in Chemistry, in 1997 and then went on to do a PhD in Chemistry with Professor John Bowie and Professor John Carver (who was then at the University of Wollongong but is now Deputy Executive Dean in the Faculty of Sciences).

Dr Wegener moved to Oxford in 2002 and has been working in the laboratory of Professor Iain Campbell, studying proteins involved in the processes of cell migration and adhesion.

"These very basic processes — determining whether cells move around or stay in the one place — are involved in almost all aspects of life, including embryo development, wound repair and in the immune response," says Dr Wegener.

"If we can figure out how the processes of cell migration and adhesion are controlled, we can use this information in many medical conditions. For example, blood clots are due to cells adhering to each other. Most of the time this is useful to stop bleeding but other times, such as with deep vein thrombosis or heart problems, we'd like to reduce the likelihood of clotting."

Another potential application is in cancer where, during metastasis, cells detach from the primary cancer and move through the body to adhere to new sites causing secondary tumours.

"If we can interfere with the migration or adherence of these cells we could stop this from happening," says Dr Wegener.

Her research focuses on the integrin proteins, looking at their interactions with proteins inside the cell. This is done at the atomic level, using nuclear magnetic resonance.

Dr Wegener hopes to use her Ramsay Fellowship as the first step in developing an independent research group at Adelaide, studying protein-protein interactions in important physiological processes.

"I'll be using the experience I've gained at Oxford to benefit Australian research," Dr Wegener says. "Australia is also where both my husband's and my families are, and it's a great place to live and raise a family."

Mr Ramsay said the Selection Committee and he were absolutely delighted with the high quality of the first Ramsay Fellow and the level of her research: "We congratulate Kate on choosing to return to her home ground and we congratulate ourselves on getting her."

The Ramsay Fellowships will be offered annually, and are open to Australian citizens with a PhD or equivalent qualification with preference given to applicants aged 35 years or under.

Mr Ramsay said his family was keen to encourage young Australian scientists working overseas to return home without disadvantaging their careers. ■

STORY ROBYN MILLS

Kate Wegener
PHOTO MARK LAWRIE

Country boy conquers the capital

A passion for agriculture and economics put Ben Fargher on a path to becoming Chief Executive Officer of Australia's peak farming organisation, the National Farmers' Federation.

“Even before I went to university, I always had a passion for agriculture, economics and policy,” says 35-year-old Ben Fargher, now in his fifth year as Chief Executive Officer of the National Farmers' Federation (NFF).

As a teenager growing up on the family farm at Warren in NSW, Ben knew about the NFF and what it represented — a voice for farmers — and hoped to one day work for the organisation.

“I loved growing up on the farm and I probably would have gone back there, but I was never the best at the production side of things,” he says. “My skills don't lie in those areas. I always had a leaning towards policy, and that's what I wanted to do.”

Although his family is originally from South Australia's Flinders Ranges, Ben grew up in NSW and attended high school in Canberra. For his undergraduate studies he chose an agricultural science degree at the University of Adelaide, spending most of his four years (1992–1996) at the Waite Campus.

“I went to Adelaide uni for one simple reason: I was passionate about agriculture and I believed the Waite Campus was the best in the country.”

Ben secured work as a tutor at Scotch College, which gave him meals and accommodation. Like many students — especially those from the country, interstate or overseas — he found first year to be a daunting experience, but eventually settled in.

“I loved my time at Adelaide uni. I liked learning, met some great people (who are still friends) and also played rugby for the University.”

An important part of university life for many students is discovering and exploring other interests. Ben was no exception, deciding to take on subjects in economics as well as agricultural science.

“It was a bit frustrating juggling lectures, but I loved both areas of study and I didn't want to give up either of them.”

The experience worked out well for Ben. When he left the University of Adelaide he had enough economics behind him to fast-track a Masters in Economics at the University of New England (UNE), at Armidale, NSW.

“The Masters was a three-year course, and they waived the equivalent of the graduate diploma because of the strength of the economics I had from Adelaide. That saved me 18 months. Not only was agricultural science at Adelaide highly rated, so was economics.”

After finishing his Masters, Ben spent the next year travelling through rural Australia and working in agricultural-related industries as well as in tourism. In 1998, his career in agricultural policy began. He got his first job as a policy analyst at the Cattle Council of Australia, in Canberra — working in the same building that houses the NFF.

The following year he moved to the NFF, where he worked on rural policy for two years, followed by a year of financial work, and then spent two years on international trade policy negotiations. He became Chief Executive Officer of the NFF in 2005.

Although he believes his background in agricultural science, economics and farming has been beneficial to his role, Ben is the exception rather than the rule at the NFF.

“Some people get the impression that if you want to work in NFF, you've got to be from a farm and have done agricultural science. That's not the case, and it's not the way lobbying works. Most of our staff are professional lobbyists or analysts, technical people, lawyers and economists, which is great for agriculture because we need that expertise up on 'the Hill',” he says.

In the time that Ben has been the Chief Executive Officer (CEO) of the NFF, the organisation has become more strategic and centred on influencing policy decisions made in Canberra.

Although the NFF has many issues to contend with — the impact of drought, climate and water use, productivity, the impact of the global financial crisis, sustainability and access to markets — education and training are naturally high on Ben's list of priorities.

“When I took the job as CEO, one of the first things I did was put education and training back into our strategic plan, and I employed someone full-time to work in that area. Education is not always a 'sexy' issue for our industry. But our productivity rates in agriculture have been second only to IT in the economy, and how have we got that? Because we've had good R&D underpinned by a focus on good human capital and skill.

“Today's farmers are linked up to satellites, more and more don't steer their tractors, they've got soil probes in the ground, they're plugging laptops into the root base of trees, they've got irrigation technology, animal nutrition, genetics, and it's all based on sustainability, environmental management, water management, variable rate fertilisers and so on. This is the way of the future.” ■

STORY DAVID ELLIS



A champion of human rights

Catherine Branson QC is President of the Australian Human Rights Commission and a former judge of the Federal Court of Australia. The University of Adelaide law and arts graduate spoke to *Lumen* about her role.

Lumen: *Australia has made significant progress in the area of equal rights for Indigenous Australians, same-sex couples, disabled people and the treatment of refugees, but which areas have we neglected?*

Catherine Branson QC: Much progress has been made in human rights protection over recent years. However, even in those areas where progress has been made, there is more work to be done. There remains a roughly 17-year life expectancy gap between Indigenous and non-Indigenous Australians. Discrimination on the grounds of sex and sexual orientation has not been eliminated. People with disabilities need greater protection. Australia continues to place adult asylum seekers in mandatory detention longer than is necessary to verify identity and to undertake health and security checks. Too many people in Australia remain unable to live free from violence, harassment and discrimination.

Lumen: *Can you give some examples of less blatant forms of discrimination in Australia that are still happening and should not be tolerated?*

CB: Less blatant forms of discrimination remain pervasive in Australia. For example, discrimination can occur when workplaces unnecessarily fail to provide family-friendly working arrangements; and when assumptions are made, rather than questions asked, about what a person with a disability can do. It is unacceptable that in the World Economic Forum's Global Gender Gap Index Australia is ranked 1 (with other countries) for educational attainment but 41 for labour force participation.

Lumen: *How effective do you believe the Northern Territory Intervention will be in the long term, given the failure to involve and consult Indigenous people in its implementation?*

CB: It is of critical importance that Aboriginal and Torres Strait Islander women and children enjoy full protection, on an equal basis with other Australian women and children, against all forms of violence and discrimination. I recognise that there can be tension between the rights of women and children in Indigenous communities on the one hand and the rights of those communities as a whole on the other. However, government policy should be developed and implemented consistently

with Australia's obligations under international human rights law. Non-discrimination is a fundamental principle of international human rights law. While 'special measures' may be taken to secure human rights and fundamental freedoms, consultation is an important element of special measures.

The Intervention outcomes are only likely to be sustainable in the long term if the processes by which they are achieved respect human rights and human dignity. This will involve consultation, and ideally, partnership with those most closely affected by the Intervention.

Lumen: *Can you name any of your former law lecturers at the University of Adelaide who influenced you to any great degree? As a former lecturer yourself, what is the most important legacy you can leave a student?*

CB: I was fortunate to be taught law at the University of Adelaide by lecturers of a high standard. Their influence on me is probably best reflected in my continuing belief that the law can be a powerful instrument for social justice. It is important, I believe, to instill in tertiary students an understanding that higher education is a privilege and its benefits should be used in a way that is consistent with the public interest.

Lumen: *We remain the only country in the western world without a Human Rights Bill. Why? What are the arguments against such a charter given it could only protect people?*

CB: The reasons why Australia has no charter of rights are complex. They probably include the fact that, unlike the United States, France and South Africa, Australia has not experienced serious conflict over rights. For this reason many people tend to underestimate the fragile nature of human rights protection in this country.

Those opposing a Human Rights Act say that there are already sufficient human rights protections in Australia. This is not true. The Australian Constitution does not protect fundamental rights such as the right to life, the right to be free from torture and cruel and inhumane treatment and the rights to freedom of expression and association. Moreover, the Australian Parliament, which has the power to over-ride common law protections, is not required to consider the impact of proposed laws on human rights. I am not talking

purely hypothetically. There are examples of Australian laws that have shown insufficient regard for human rights — mandatory immigration detention laws, counter-terrorism laws and the Northern Territory Emergency Response, to name just a few.

Opponents of a Human Rights Act also say that such an Act would transfer power from the elected Parliament to the appointed Judiciary. A Human Rights Act would not do this because, subject to the Constitution, it would leave Parliament with the final say about the content of any law. If a court finds a law to be incompatible with the human rights protected by the Human Rights Act, it would not be able to strike down the law. It could only draw attention to the law's incompatibility with the rights protected by the Human Rights Act. By requiring Parliament to give consideration to the human rights implications of any proposed law a Human Rights Act would result in greater transparency in law-making — and eventually an enhanced human rights culture in Australia.

Finally, opponents of a Human Rights Act suggest that it would make for a more litigious society. The experiences of jurisdictions like the UK, Canada, Victoria and the ACT that have Acts of this kind suggest that this is unlikely to be the case.

Lumen: *Have the public hearings started regarding a Federal Government consultation into human rights?*

CB: Yes — for details, see: www.humanrightsconsultation.gov.au/www/nhrcc/community.nsf/calendar.

Lumen: *In the course of your first year as President of the Human Rights Commission, have there been any major revelations regarding your goals and the challenges that lie ahead?*

CB: My work as President of the Australian Human Rights Commission has made me even more conscious than I was as a Federal Court judge of the need for greater protection of our human rights. It has also persuaded me of the desirability of everyone in Australia being better informed about their own human rights and more respectful of the human rights of others.

Catherine Branson QC
PHOTO ROY VAN DER VEGT



A glimpse into the future



THE 14-HOUR CITY

A new way of thinking about how we organise our work and our lives is being driven by a University of Adelaide architecture graduate.

James Calder is one of those people who looks to the past to predict the future.

As Director of Research for global architectural firm Woods Bagot, James is constantly thinking about the future — in particular, the future workplace and how changes in issues such as technology, transport, the environment, work culture and human needs impact on planning and design.

An Honours graduate in Architecture from the University of Adelaide (1988), James combined a passion for architecture and history in his Honours year, studying the history of the development of cities.

Today, it's no surprise that James sees his current role at Woods Bagot as a perfect fit for him. The firm, which has its origins in Adelaide, values research and new thinking. In recent years Woods Bagot has been publishing its latest ideas on architecture, work culture and urban design in a series of publications called, simply, *Public*. The firm also regularly shares its ideas at conferences, seminars and in the media.

"This is something that architects as a profession feel pretty passionate about," James says. "We want to be better at our profession and have the latest information in order to create better buildings. But we also want to be part of a debate with the community at all levels about what buildings should be," he says.

Public draws ideas from staff right across the firm's global operations. A key paper in issue #4 of *Public*, written by James, suggests a fundamental shift in the way we work and live.

The paper is called *14-Hour City*. It suggests that the information technology revolution is making the current model of a 9-to-5 workplace irrelevant. It calls for new thinking on how the workplace is managed, and offers a two-shift model as a potential solution. Issues such as the different ways in which people work (are they more productive in the morning or at night?) and their work/life commitments are taken into consideration.

"Most modern cities are designed around Industrial Age thinking, but the next generation is all about the Information Age. Over the next decades, I believe we will see some fundamental changes in the way we use cities," he says.

He says buildings, such as standard high-rise office blocks that cities are known for, contribute more than 30% of global greenhouse emissions, "and yet buildings are one of our most under-utilised assets".

"The typical office worker spends about a third of their working day at their workstation or office and another third in the building. This equates to about 9% desk utilisation and an 18% total building utilisation across the possible 168 hours in the week.

"To me it's a logical thing to make changes in order to utilise our resources much more cleverly."

In the paper, James proposes two distinct shifts — one from 6am to 3pm, and the other from midday to 9pm, with a crossover period in between. This aims to create a range of benefits in flexibility, efficiency and utilisation of resources. "It also means we would no longer have a traditional 'rush hour' period, and workers

could better manage their hours to suit their needs and abilities," James says.

"Society is quick to take up new technologies for work — telephones, computers and the internet — and each new generation becomes more adept at living and working with new technologies. But our city infrastructures and systems are taking much longer to adapt to such fundamental changes in information and communications."

James says the global financial crisis might assist in the uptake of new thinking on workplace hours, building and city use.

"It's times like these that force change. For example, organisations cutting down on air travel will drive up the use of video conferencing and virtual reality," he says.

"The same thing happened years ago in the late 1980s during the pilots' strike — it was really the pilots' strike that drove the sale of fax machines, because the technology was available, and Australia had the highest use of fax machines at that time."

Of the 14-Hour City concept, James says: "I'm sure I'm not the only person with these ideas, I just think it's a rational thing that will occur naturally. In fact, we're now working with clients in Adelaide, in other parts of the country and around the world that are embracing this concept, and I think the economic situation will speed up the pace of that." ■

For more information about the *Public* series and new thinking from Woods Bagot, visit: www.woodsbagot.com.au

STORY DAVID ELLIS

Engineering degree kick starts a career in motorsport

Adelaide engineering graduate Drew Ward has taken responsibility for some of the biggest sporting events in Australia. David Ellis reports.

Drew was Group Manager of Project Planning and Special Tasks at the Sydney 2000 Olympic Games, General Manager of Operations for the Melbourne 2006 Commonwealth Games, and is currently the Chief Executive of the Australian Grand Prix Corporation, overseeing the Australian Formula 1 Grand Prix and the Australian Motorcycle Grand Prix (MotoGP).

Drew spoke with *Lumen* about his career.

Lumen: What are your recollections of University — both the study environment and the social environment?

Drew Ward: I studied for a Bachelor of Engineering from 1984–1988. I have fond recollections of first year — a great deal of social activity and very little serious application of effort to study. This resulted in a blunt wake up call when first term exam results came out. I'm pleased to say that the remainder of my time at university saw an improved balance between study and social activities.

Lumen: How do you think your education has helped you during your career?

DW: In my case tertiary education was important in getting started in my career but the further I stray from a traditional career path the less relevant becomes the technical information learned during the course. The real value comes from developing styles and approaches to thinking and problem solving. I now use very little of the technical information I learned through my university studies but the problem-solving methodologies and the analytical thinking developed through this period has shaped the way I operate now.

While I don't regularly use much of my technical knowledge, it's been very useful when assessing expert technical advice. With the benefit of my engineering background, I've generally taken the view that almost anything

can be achieved with the right amount of effort, creative thinking and resource.

Lumen: How did you move from being an engineer into running events such as the Commonwealth Games, the Formula 1 and MotoGP?

DW: Early in my career I realised that I was never going to be a design engineer. Following university I was fortunate to be employed by a large multidisciplinary engineering and project management firm which gave me opportunities in construction management and project management early in my career. One of the projects I was involved with was the staging of the Grand Prix in Adelaide. This was my first exposure to major events, and other roles with Formula 1, MotoGP, the Sydney 2000 Games and the Commonwealth Games developed from that point.

Lumen: What are some of the logistical challenges of mounting an event like Formula 1?

DW: Any Formula 1 Grand Prix circuit is complex but transforming an inner-city park into a Grand Prix circuit within a very short period of time is not only complex but is filled with logistical challenges.

In addition to the track and safety infrastructure, the circuit includes sophisticated media facilities, television broadcast operations, elaborate corporate hospitality and sponsor showcasing facilities, three helipads, 21 superscreens, eight overpasses, a music festival, a rock concert venue and a go-kart track. All of the necessary infrastructure and facilities are temporary with the exception of the track surface and the shell of the pit building.

Six 747 air freighters bring the Formula 1 teams' cars and equipment from Europe. An additional 747 freighter carries the digital broadcast operation. About 3000 round trips are required by a fleet of semi-trailers to transport the circuit infrastructure from our storage yard at Altona to Albert Park. Over 1500 workers are involved in the construction

and dismantling of the circuit and over 10,000 people are involved in the operation of the circuit during Grand Prix week.

Lumen: How does that compare with the MotoGP event?

DW: The logistical challenges of staging the MotoGP event at Phillip Island are somewhat similar to Formula 1.

An advantage for the MotoGP event is that it's staged at a permanent circuit, which means less temporary infrastructure. However, for an event of the size of MotoGP we still need to build from scratch all of the grandstands, much of the teams' facilities, broadcast facilities and most of the hospitality facilities each year.

Both a feature of the circuit and an added challenge is the remote nature of the Phillip Island circuit. The track is located in a spectacular cliff-top setting overlooking Bass Strait about two hours' drive from Melbourne.

The location of the circuit adds to the iconic status of the event and enhances the appeal of this destination for event goers, but certainly makes transport logistics more challenging.

Lumen: What are the main aspects of your job that make you feel good about going to work every day?

DW: First and foremost it's the people. I'm very fortunate to be working with passionate, energetic and hardworking people who are committed to staging the best events possible. The group of external stakeholders is equally enthusiastic about the entertainment that we collectively promote. It's a great pleasure to be part of such a dynamic industry and to be staging such significant international events.

Another key aspect of the role is the creative outlet it provides and the marketing challenge. We're constantly developing and evolving our entertainment line-up in response to market feedback and anticipated demand. It's particularly satisfying to see the response at the box office and to see crowds filling the venues on event days.

After the 2006 Commonwealth Games, Drew embarked on a motorbike trek from London through Europe, to Nepal and eventually to Melbourne — covering 35,000 kms in seven months





Global trendsetter finds her niche

A decade spent living out of suitcases has paid off for Adelaide graduate Kristina Dryza, who has built an international reputation for spotting the 'next big thing' in consumer trends.

At 25, Kristina Dryza was one of thousands of internet-savvy workers in London enjoying the fruits of success from the dot-com bubble. A year later, when that bubble spectacularly burst, she was cast out in the street.

"One minute as a strategist I was prized, the next I was a cost. But it was the best thing that ever happened to me, a real blessing in disguise because it set me on the right path," the former Adelaide resident said.

The year was 2003. Kristina, an Arts graduate from the University of Adelaide, had arrived in the British capital three years earlier, bitten by the travel bug and a desire to escape her home town for new horizons.

Armed with an arts degree of eclectic subjects, including anthropology (her major), Aboriginal cosmology, history and political philosophy, Kristina initially worked in branding and marketing before finding her niche in consumer trends.

"All I knew was that I loved people, society and ideas. Applying the attitudes, emotions and behaviours which drive global consumer trends into the development of new products and experiences was the perfect fit for me," she said.

Over the past 12 years Kristina has lived out of suitcases on projects in cities including Tallinn, Stockholm, Los Angeles, San Francisco, Mumbai and more recently Tokyo.

Along the way she has briefed global companies such as the Virgin Group, Microsoft, British Sky Broadcasting and advertising powerhouse JWT.

Today she is a regular contributor to the David Report, an on-line trend report on cutting-edge ideas which combines

design, culture and business. She also co-hosts Likemind Tokyo, the creative network for design and pop culture in the city she has called home since early 2008.

Kristina travels the world interviewing experts and innovators in their field to gain an insight into the emerging social, cultural and consumer trends, and is a sought-after commentator on global urban culture, the future of consumerism and worldwide attitudes to significant events.

"My grand plan started coming together after I was made redundant in 2003," Kristina explained. "I had experience in branding and the digital field and I could see how this could be overlaid with the emerging market in consumer trends."

Pursuing her love for product design, she undertook courses in London and New York, which opened up other avenues for Kristina, including her current brief — working on a concept design for a first-class airport lounge in Tokyo.

Her job description — loosely termed a 'trend forecaster' — allows her to identify 'unmet needs' and express them in new products, services and experiences.

"I work with creative agencies in Tokyo, London and New York who are struggling to create the next big — or small — idea for their client. I help these agencies interpret and translate the context and emotions driving emerging consumer trends so they not only discover what's next, but also what's important."

What people value in Japan, however, can be very different from what people think is important in Europe or even Australia.

"Food is a classic case in point. In the United States, food is considered 'fuel' and consequently sold in a lot of petrol stations. In France, food is pleasure and in Japan it's all about perfection."

And while consumers in the West today place more emphasis on ethical and 'mindful' consumption of goods, there are still millions around the world who don't.

"It's only the cultures that have money and discretionary income that take into account how a product is made. For some cultures, hunting and gathering is still the primary spend of their emotion."

In defining the emotional needs that drive consumer trends, Kristina has relied heavily on her anthropology degree from the University of Adelaide.

"Anthropology is the study of people and everything that I have achieved in my career has come from what I learned in my degree," Kristina said.

"Having said that, I believe universities and schools need to encourage more right brain — intuitive — thinking because we need to think more laterally and accept there are often multiple answers and solutions to things.

"The other challenge for universities is to transfer knowledge into actions. It is no use equipping students with knowledge and hope, if they do not use this in a positive way. Until you have the actions, the universe will not change." ■

Kristina Dryza was the founding secretary of the Adelaide Alumni UK in London, a group for graduates of South Australian universities. She was elected a life member and is also a Business Ambassador for South Australia.

STORY CANDY GIBSON

Left: Kristina Dryza
PHOTO CANDY GIBSON



Bradman's musical legacy

When vocalist Greta Bradman was a young girl in Adelaide she went to her grandparents' house every day after school where she was surrounded by her famous grandfather's passion for music.

Greta Bradman
PHOTO GRANT HANCOCK

A trip down memory lane

For over 75 years since it opened its doors in 1932, the University of Adelaide's Barr Smith Library has been central to university life, enriching students' capacity to learn, think and lead, and providing a wonderful resource for staff and the general public.

To celebrate the Library's history, the University is inviting you to share your favourite memory of the Library in an online memory book. Whether you are an alumnus, a student, staff or friend, your recollection is valuable. It could be an unforgettable event, such as meeting someone in the Library, an anecdote or a defining moment.

Today, the Barr Smith Library serves more than 20,000 students in their pursuit of a first-class education. The knowledge and information contained in its 2.2million hardcopy items and many thousands of electronic resources are important to students' future lives and careers, and the impact they can have on the world around them.

Maintaining the Library's collections for today's students and for future generations is essential. As knowledge continues to grow and change it is vital to keep up-to-date with the latest information and research.

The Barr Smith Library has a strong community, made up of past scholars, current students, researchers, friends and members of the general public. In the current economic climate, the Library is asking this community to maintain its support for learning and education and to continue to provide today's students with the foundation that they need to realise their potential.

University Librarian Ray Choate says that now, more than ever, the generosity of donors and friends to the University's annual Barr Smith Library Appeal makes a crucial impact. "Gifts to the Appeal make an important qualitative difference to the resources the Library can offer to the students, staff and members of the wider community who come through our doors, or visit us online, every day."

To submit your memory, log on to www.alumni.adelaide.edu.au/bsl_appeal

For more information about how you can make a tax-deductible donation to the Barr Smith Library Appeal, please contact:

Email: development@adelaide.edu.au
 Phone: +61 8 8303 5800
 Fax: +61 8 8303 5808
 Web: www.alumni.adelaide.edu.au/bsl_appeal

Cricketing legend Sir Donald Bradman had been a boy soprano in his school choir, was a skilled pianist, and composed music.

At the Bradman Centenary Dinner in Sydney last year to mark the 100th anniversary of his birth, Greta sang his composition *Every day is a rainbow day for me*, published in 1930.

"It was lovely being able to sing something Grandpa had composed," Greta said.

After school at "Grandpa and Lulla's house" in Kensington Park, her grandfather would play the piano while she danced around or sang. Or they'd listen together to his extensive collection of LPs, and they'd talk about the music and why they liked it.

"He'd sit me down and I'd have to listen properly to this music, and we'd talk about what I'd heard and what I was keen on," she said.

Greta's grandmother "Lulla" (Jessie Bradman) was also musical and, in a wonderful parallel with her granddaughter's career many years later, had been part of a vocal trio herself, The Menzies Sisters. Greta's father was a talented jazz musician and her maternal grandfather had been an opera singer.

"I was exposed to a lot of music," she said.

At the University of Adelaide, Greta combined her love of music with another continuing passion, the human mind, completing Bachelor degrees in Arts (Psychology major) and Music.

She topped her Honours year in Psychology and went on to a combined PhD and Master of Psychology (Clinical), which she's hoping to complete this year.

Her research is part of the Florey Adelaide Male Ageing Study and is looking at the cognitive and psychological predictors of health risk factors for chronic disease in men.

Greta wants to continue working in epidemiology after she's completed her current degrees. She also hopes to put her expertise to good use in charitable work for disadvantaged children.

With her grandfather's unsought public life as an example, Greta tried to keep a lid on her simultaneously developing

musical career, aiming to concentrate instead on her psychology.

"But the more I tried to ignore my passion for music, the more irresistible it became. Clearly I've given up trying to fight it," she said.

Greta was a member of the award-winning Eve Vocal Trio and has been guest soloist and chorister with the Adelaide Chamber Singers. She has had guest soloist positions with ensembles including the Adelaide Philharmonia Chorus, Syntony, Graduate Singers and Cantamus and, in both 2007 and 2008, was awarded OsCart Awards for her solo recital work.

"All the while I was thinking I wanted to do just psychology, that I wouldn't be able to balance my two passions. But as time went on I found that I could."

Balance is something Greta is very good at. Married to fellow high-profile University of Adelaide graduate, visual effects specialist Didier Elzinga, the couple has a two-year-old son Jude, who is now her "first priority".

Jude has been the inspiration for her first solo album, a range of exquisite lullabies from around the world, being recorded for release next year.

Coming up this year is a range of solo voice recitals: with the Kegelstatt Ensemble and the Langbein String Quartet (14 June and 22 June respectively at Pilgrim Church); with pianist Leigh Harrold (28 June, St Peter's Cathedral and a different program on 27 July at Pilgrim Church); and, alongside tenor Robert McFarlane, performing the Australian premiere of Handel's cantata 'Cecilia, vogli un sguardo' under Graham Abbott's direction (3 October at St Peter's Cathedral). She is also undertaking studio recording for ABC Classic FM.

Greta's been described in the media as "one of Australia's finest young singers" and by Elder Conservatorium Head of Vocal Studies Guila Tiver as having "a beautiful voice of unusual range and expressive quality" and "a voracious appetite for exploring new, challenging or little-known vocal repertoire". There's no doubt Grandpa Bradman would have been very proud. ■

STORY ROBYN MILLS

GLOBAL

— I M P A C T —

Whether underground in Bulgaria, in remote Northern Cambodia, or on the plains of the Gobi desert, you'll find an Adelaide alumnus in almost every corner of the world. Lana Guineay profiles three outstanding alumni who cross the lines of culture, country and comfort in the quest to make a meaningful contribution to the world around them.



With so many alumni working in diverse fields around the world, we want to know who you'd like to see profiled for Global Impact. Tell us by emailing lane.guineay@adelaide.edu.au



Notes from the Bulgarian Underground

Craig Barker

Bachelor of Science, 1994
Postgraduate Diploma in Geology, UWA 1998

The rush hour commute has taken on new meaning for Adelaide alumnus Craig Barker. The Science graduate, now based in Pirdop — a rural village 80 kilometres from the Bulgarian capital of Sofia — contends with horses and carts and roaming goats on his daily route to work.

It's a far cry from city life in Australia, but for Craig, the opportunity to live and work in the farming community where the traditional, slow pace of life continues much as it has for centuries, has been "life changing".

Bulgaria is the latest on a list of destinations — including Africa, Laos and China — for Craig and his wife, fellow graduate Abbey. In the last six years, Craig's work as a Geology Manager for Canadian company Dundee Precious Metals has seen him transfer his expertise to geological and mining staff across the world, giving them the power to run their mining operations themselves.

But the Science graduate has discovered that the learning goes both ways. "My wife and I have learned different languages and culture, travelled and met the most amazing people. We are so thankful that we were born and raised in Australia," says Craig.

"Working as an expat is an unbelievable experience," he says. "All expat roles in my line of

work are challenging and I love a challenge. When you start a new job you have the ability to make the place better for the people. I get great satisfaction out of teaching people and then seeing them transform in order for them to prosper."

Currently based at the Chelopech Copper and Gold Mine, where he supervises more than 60 staff, Craig says living and working in Bulgaria — with Europe at their doorstep, and the Black Sea and ski fields within driving distance — has been "the opportunity of a lifetime".

"The people, culture, countryside and lifestyle are amazing," says Craig. "The Bulgarian people are very hospitable and friendly. The culture is based on family and social values: so it's not unusual to see someone who is on holiday at work, not to work but to see their friends."

Craig says his time overseas has been invaluable, both personally and professionally. The biggest rewards? "The experience and adventure. Helping people and causes. Learning the language and culture — and making friends."



Transforming lives in Cambodia

Lois Whittall

Master of Business Administration, 1994
Adjunct Lecturer, Business School
Currently completing a PhD in Social Entrepreneurship at University of Adelaide

Cambodia is a country in transformation. Most of the nation's 14 million people were born after 1979 — the year the Khmer Rouge lost power — and represent a generation intent on rebuilding their lives and their homeland after years of genocide and turbulence.

It's estimated 1.7 million Cambodians lost their lives under the Khmer Rouge, with many more fleeing as refugees. The legacy of these years is still being felt, with approximately 35% of the population living below the poverty line.

In the newfound political stability, stories of determination and resilience abound — as Lois Whittall discovered when she visited the country with her husband in 2005.

"On our first visit we met Vireak, who was to become our Cambodian 'son'. He told us how when he was three his father disappeared, how his mother was forced to marry a Khmer Rouge soldier, how he was put into a child labour camp for six years. He still has nightmares about that time although he doesn't talk about them much.

"He told us about his determination to get an education. When he left the camp, he walked 300 kilometres to Phnom Penh so he could live under his aunt's house and go to school. He couldn't afford English lessons so he learned by standing outside the window of an English

school. He graduated from high school, got a scholarship to go to Vietnam to learn accounting, and eventually found himself working for a large NGO."

It was Vireak's story — and those like him — that inspired Lois to make a difference. With the help of people from Australia and Cambodia, Lois established a Student Centre in Preah Vihea, a remote northern province that is heavily land-mined, and the average income is less than US\$1 a day.

"We bought land, renovated an old house and built a dormitory. Our Cambodian supporters named it Plas Prai which means 'transformation'. We provide resources so that 32 students, all girls, can finish their high school education.

"They come from villages where there is no senior high school. We provide a safe place for them to stay with a house-parent, some money to live on, a bike, school books and uniforms and extra tuition in the subjects they are weak in."

For Lois, the biggest rewards are tangible: "Thirty-two smiling, confident girls. Well, most of the time — they are pretty normal adolescents!"

The project is currently looking for laptops in working order to take to Cambodia. If you can help please contact Lois on 0417 871 218.



Watershed honour in China

Dr Victor Squires

Former Dean, Natural Resources Program, Roseworthy Agricultural College
Founding Director, National Key Centre for Teaching and Research in Dryland Use Systems

From the 24-hour energy of its overflowing cities to the loneliness of its deserts, China is a land of astonishing diversity. For one intrepid Australian ecologist, its unique environment has been the subject of more than 25 years' work — work which has recently seen him awarded the Republic's top scientific honour.

Dr Victor Squires first visited the People's Republic of China in 1985 as an exchange scholar, and found that his expertise in dryland agriculture — a technique for cultivating land which receives little rainfall — was a perfect fit for a country battling the expansion of its deserts.

The encroachment of arid regions, particularly the Gobi Desert, coupled with drought, extreme climatic conditions and poor agricultural practices have led to destructive dust storms, floods, animal losses, financial hardship and a decline in food availability in northern China.

Over the last two decades, Dr Squires has been combating these issues together with Chinese researchers; a mission that has seen him work in 12 provinces across the plains of China, doing field work, conducting research programs, organising international symposia, hosting seminars and serving as an adjunct professor. His work has led to the establishment of official programs,

greatly advancing China's dryland research and technological development.

Dr Squires is well versed in managing some of the driest lands on earth. A former University of Adelaide staff member, Dr Squires was instrumental in founding the Program of Natural Resources at the University's Roseworthy Campus and also the National Key Centre for Teaching and Research in Dryland Use Systems.

In January, Dr Squires was awarded China's highest honour for scientific innovation, the Science and Technology Cooperation Friendship Award. Presented by Chinese President Hu Jintao, the Friendship Award is given to foreign experts for their significant contribution to China's economic and scientific development.

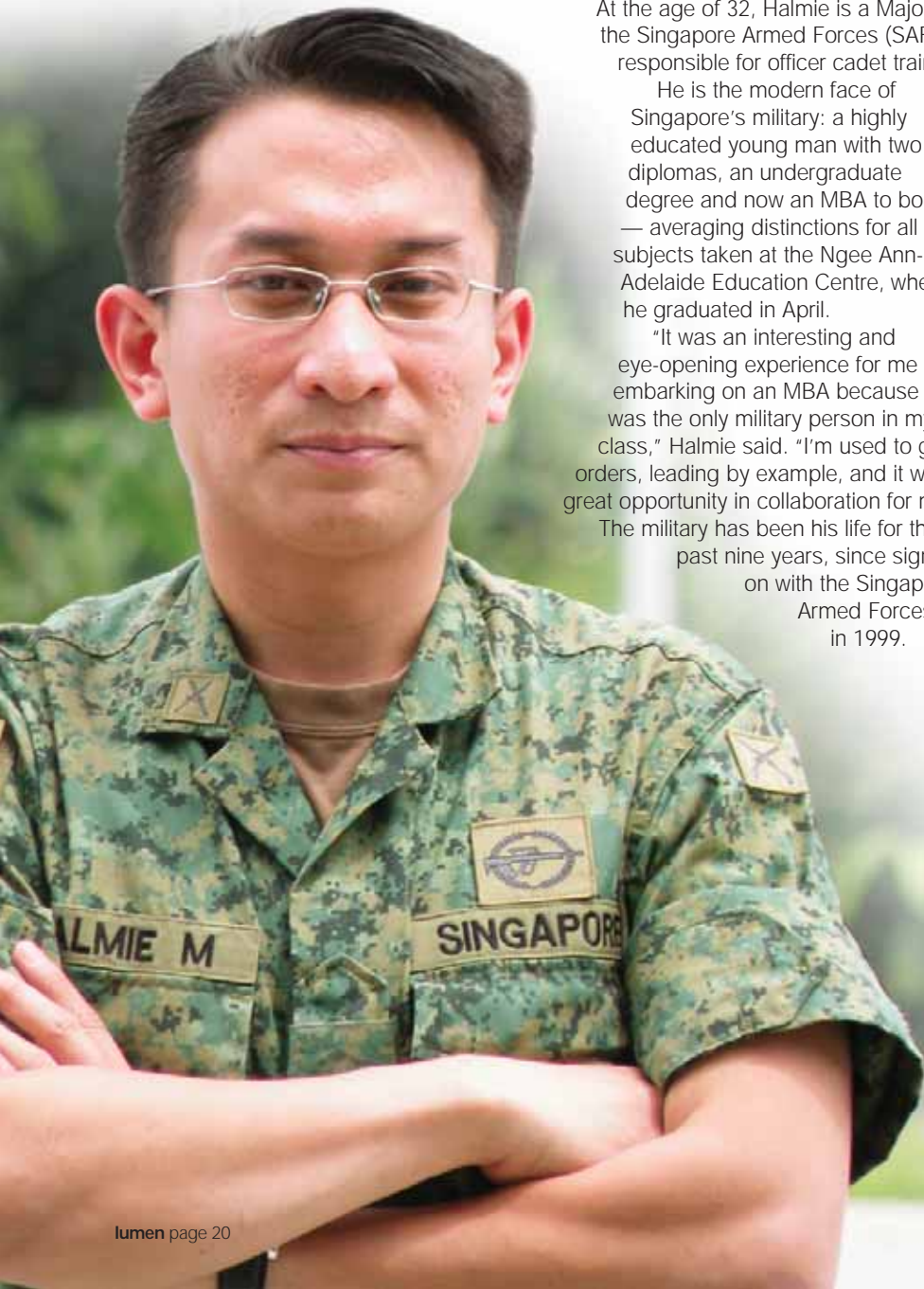
Dr Squires is the first Australian to receive the award, and one of just 50 recipients chosen from more than 300,000 foreign experts working in China to receive the honour.

In an age of resource depletion and climate change, Dr Squires' work to strengthen the ties between Australia and China and to stabilise damaged ecosystems has the potential for far-reaching benefits for future generations.

Above (from left): Dr Victor Squires and Mr Degang of the Xinjiang Animal Husbandry Bureau.

The modern face of Singapore's military

Halmie Hussein Mattar was born just 12 years after Singapore was declared a sovereign nation.



At the time of independence, Singapore's defence capability consisted of two infantry battalions of 50 officers, about 1000 men, and two ships. There was no air force to speak of. Today, the University of Adelaide MBA graduate is one of about 55,000 regular servicemen in Singapore.

At the age of 32, Halmie is a Major in the Singapore Armed Forces (SAF), responsible for officer cadet training.

He is the modern face of Singapore's military: a highly educated young man with two diplomas, an undergraduate degree and now an MBA to boot — averaging distinctions for all 12 subjects taken at the Ngee Ann-Adelaide Education Centre, where he graduated in April.

"It was an interesting and eye-opening experience for me embarking on an MBA because I was the only military person in my class," Halmie said. "I'm used to giving orders, leading by example, and it was a great opportunity in collaboration for me."

The military has been his life for the past nine years, since signing on with the Singapore Armed Forces in 1999.

He had already completed a Diploma in Electronic, Computer and Communications Engineering at Singapore Polytechnic before starting his national conscription at the age of 21.

The army then funded Halmie's three-year Bachelor of Electrical Engineering (Honours) degree at the University of Sydney before he returned to Singapore to begin his tours of duty.

In the intervening years he has risen through the ranks and appointments, from a Platoon Commander, Company Commander and Instructor, and now Major.

As Head of Training Development at the Officer Cadet School (OCS), he oversees the curriculum and training methods for officer training.

His recently-acquired MBA has given him a business perspective to his work and helped develop new strategic goals for OCS.

"The thinking processes and experience gained while studying for my MBA has had a direct, positive impact on my work and I'm sure it will pay dividends in the long run," Halmie said.

"Singapore is a very disciplined country and accepts authority, but the profile of our cadets is changing, which means that our training methods have altered as well.

"In the past, cadets were simply given orders and told to do something. Now they are more likely to question our methods — not in a disrespectful way, but in an inquisitive way.

"Training methods from the past need to be adapted to suit today's cadets, who are better educated and more techno-savvy," he said.

Halmie was one of 127 students to graduate from the University of Adelaide in Singapore on Saturday 25 April. He was among the five top graduates at Ngee Ann-Adelaide Education Centre in 2008. ■

STORY CANDY GIBSON

Major Halmie Mattar
PHOTO CANDY GIBSON

Lumen Pioneer

William Ernest Cooke

lumen pioneers ■



William Ernest Cooke was Western Australia's first Government Astronomer and a pioneer in his work on mapping stars.

Australia's early developments in astronomy, meteorology and even keeping time owe much to the work of University of Adelaide 1882 Bachelor of Arts graduate William Ernest Cooke.

Cooke, who also completed his Master of Arts at Adelaide in 1889, had shown his scholastic abilities early with a string of scholarships awarded by St Peter's College before enrolling at the University at just 15.

While still at school his mathematical skill had attracted the attention of the Postmaster General and Superintendent of Electric Telegraphs, Sir Charles Todd, who offered a cadetship to Cooke with the Adelaide Observatory.

At the end of his undergraduate degree Cooke won the South Australian Scholarship for further study at Cambridge, Oxford or London but decided, instead, to take up the role of assistant to Todd at the Adelaide Observatory.

"It is doubtful if Cooke could then have found in Australia a better mentor for his subsequent career," says historian David Hutchison, in a paper on Cooke.

While working with Todd, Cooke developed an interest in the measurement of the exact positions and movements of the stars and in the international program of mapping stars photographically.

In 1896 WA Premier Sir John Forrest invited Cooke to take up the post of the State's first Government Astronomer, establishing the Perth Observatory.

Cooke made Perth Observatory one of the best-equipped in Australia for the mapping of stars and the Observatory soon established an international reputation for its work in this field. Cooke's proposals for a more efficient



star-mapping program were adopted at an international conference in 1909.

In his early days at Perth Observatory, while waiting on equipment, Cooke also established a meteorological service and a time service for the State.

Cooke oversaw the upgrading of weather stations and introduced a series of daily forecasts. Until the Commonwealth took over weather services in 1908 Cooke ran an efficient weather bureau and made a substantial contribution to the developing science of meteorology, in particular the behaviour of tropical cyclones.

Cooke also established a time service for WA, implementing a series of time signals and controlled clocks. Before this there was no correct time across the State, causing not infrequent travel confusion.

In 1912 Cooke took up the position of Government Astronomer in New South Wales and Professor of Astronomy at the University of Sydney.

There Cooke improved the observatory equipment and outputs, but his efforts to progress astronomy further with a new observatory were frustrated first by World War I and then by lack of support. He retired in 1926.

Above: William Cooke (centre) pictured with Sir Charles Todd and a female colleague.

Photo courtesy of and copyright Perth Observatory

Over the years, Cooke wrote numerous papers and patented many inventions including a heliochronometer, which won a gold medal at the British Empire Exhibition in 1924. Working with his son, a pioneer amateur radio operator, Cooke also recognised the ability to fix longitude more accurately by receiving time signals from Europe.

Cooke returned to Adelaide in 1936 and pursued his interests in education throughout his retirement. He died in 1947 and today is regarded as an exceptional astronomer who produced significant improvement in astronomical observations and star mapping, and made a number of other important scientific contributions. ■

The above account is largely derived from a paper 'William Ernest Cooke, Astronomer 1863-1947' published in the Historical Records of Australian Science by David Hutchison, and Hutchison's article on Cooke in the Australian Dictionary of Biography — online edition.

STORY ROBYN MILLS

Colombo Plan reunion

Colombo Plan scholars were reunited in April as part of the Vice-Chancellor's visit to Malaysia, Singapore and Hong Kong.

Generously hosted by Colombo Plan scholar Dr Hijjas Bin Kasturi and his wife Angela, at their beautiful home Rimbun Dahan, just outside Kuala Lumpur, the reunion brought together alumni from Malaysia and Singapore who studied at the University of Adelaide under the Colombo Plan during the 1950s and 1960s.

In his address the Vice-Chancellor and President, Professor James McWha said: "It wasn't just the impact that Colombo Plan scholars had on their country of origin that was significant. Your contribution to the University of Adelaide and to the city of Adelaide has also been immense."

1. Matthew Thomas Philip, Vice-President of the University of Adelaide Alumni Association Malaysia Bhd.
2. Lim Yew Meng, the Honorable Penny Williams (Australian High Commissioner to Malaysia) and Professor John Taplin, Pro Vice-Chancellor (International).
3. Dato' Patricia Yoon-Moi Chia, Secretary-General of the Colombo Plan Secretariat.
4. Dr Ajeet Kaur, Dr Mahar and Dr Hijjas Bin Kasturi.
5. Sukhbir Singh and Samantha Munn.
6. Lee Siew Chow and Chong Toh Kuan
7. Kuching visit: Robyn Brown (Director of Development and Alumni), the Right Honourable Pehin Sri Dr Haji Abdul Taib Mahmud AO (the Chief Minister of Sarawak), University of Adelaide Vice-Chancellor and President Professor James McWha and Lindsay McWha.

Below: Colombo Plan scholars, university staff and guests at the reunion.



MAKE AN IMPACT

Gifts to the University of Adelaide come in many sizes, and are used for a range of purposes — but they all make an impact.

In the current economic climate, meeting the costs of study can be even more challenging for some gifted students. Now more than ever, it's important to provide young people with opportunities to help jump start their career, and give them a strong foundation to build upon for the future.

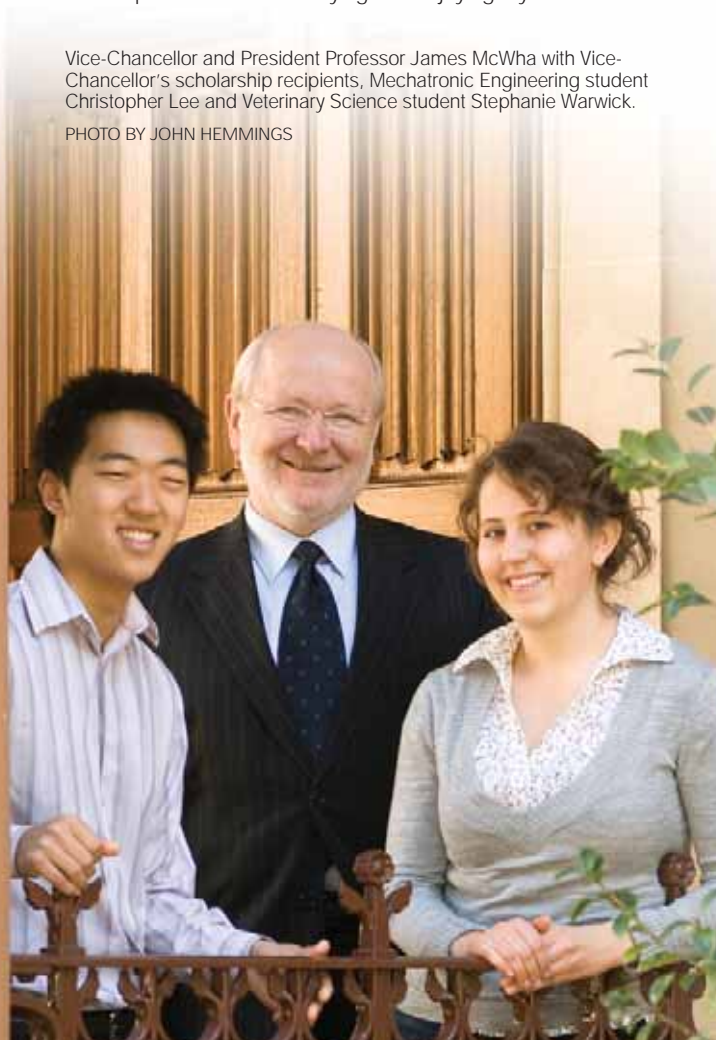
You can help give four exceptional students the opportunity to attend the University of Adelaide each year by supporting the Vice-Chancellor's Scholarships Fund.

Entirely funded by generous donations from alumni and the University community, each scholarship is valued at \$5000 per year for the program of study, with recipients selected on academic merit and financial need. At least one scholarship each year is awarded to a student from a rural or remote area.

The 2008 recipient Christopher Lee said having the Vice-Chancellor's Scholarship made university seem much less stressful: "It gave me one less thing to worry about and allows me to spend more time studying and enjoying my time here."

Vice-Chancellor and President Professor James McWha with Vice-Chancellor's scholarship recipients, Mechatronic Engineering student Christopher Lee and Veterinary Science student Stephanie Warwick.

PHOTO BY JOHN HEMMINGS



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Alumni invited to Adelaide

This September, graduates, staff and students will have an opportunity to meet their fellow alumni from around the globe and mix business and pleasure.

Alumni from around Australia and overseas are encouraged to attend the University of Adelaide's first Alumni Forum on September 4 and 5.

Hosted by the Development and Alumni office, the forum will feature a mix of sessions, speaker panels and social events — all aimed at enhancing the relationship between the University, its graduates, staff and students.

The forum is for any student, staff (former or current) or graduate who has an interest in alumni relations and is keen to help advance the University's Alumni Relations Strategic Plan 2007–2011.

In line with the Strategic Plan, alumni forums will be held every two years, alternating with the existing biennial Australian Universities International Alumni Convention.

The purpose of the alumni forums is to:

- Provide information on alumni trends and innovative programming;
- Showcase best practice in alumni programming;

- Provide opportunities for alumni to give feedback to the University of Adelaide on its Alumni Relations Strategic Plan;
- Provide opportunities for interaction between graduates, University staff and students;
- Highlight current achievements and future developments at the University of Adelaide;
- Increase the profile of the University through a prominent alumni speaker series.

Held over two mornings, the forum will provide an opportunity for alumni to hear the Vice-Chancellor and President of the University of Adelaide, Professor James McWha, outline his views on the role of alumni; to share ideas and current best practice; to hear speakers discuss such issues as engaging Gen Y; receive feedback on organising memorable events; and learn how to make the most of the University's online community, Adelaide onLION.

Many of the sessions will involve a panel of speakers and each session will provide

an opportunity for alumni to ask questions and share their own experiences.

A social program, including University tours and a winery tour, is also on the agenda.

Distinguished alumnus Dr Cheong Choong Kong, Chairman of the OCBC (Singapore), former CEO of Singapore Airlines and part-time actor, will speak at the Alumni Forum gala dinner on Friday 4 September as part of this year's prominent alumni speaker series.

An Alumni Leaders Meeting will also be held on Thursday 3 September to seek feedback on the Alumni Relations Strategic Plan and to invite comments and suggestions on the future direction of the University's alumni program. ■

Further information, including the full program, can be downloaded at www.alumni.adelaide.edu.au or contact Development and Alumni at +61 8 8303 5800.

STORY KIM HARVEY

onLION quick bites

Since its launch in July 2008, alumni from around the world have reconnected with the University of Adelaide by joining its online community, Adelaide onLION. This exclusive networking facility for graduates, students and staff (current and former) has already attracted more than 9000 members with an average of 30 new members signing up every day.

Why are alumni signing up?

Some of the attractions of the onLION community include: finding a fellow alumnus, looking for or posting a job in our Careers Centre, accessing special offers through our Privileges Package and signing up for a perpetual email account.

Thought about organising a reunion?

Adelaide onLION can be used to help you find lost classmates and to promote your gatherings.

For more information visit:
www.alumni.adelaide.edu.au/reunion

Where are our members located?

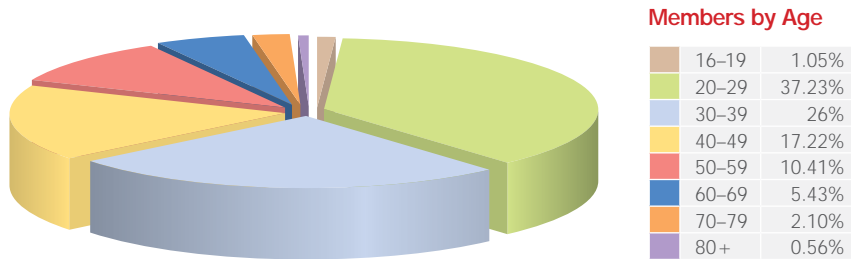
Members come from more than 60 countries across the globe — from Australia to Uganda. While Australians take the number one position in terms of country of residence, our top five membership countries outside of Australia are:

Malaysia	375
Singapore	374
Hong Kong	166
USA	81
UK	74

A warm welcome to our one member from Nepal! It seems the Victoria vs South Australia rivalry continues with more members now living in Victoria than any other state outside of SA.

Adelaide onLION reflects the diversity of our alumni community and demonstrates that neither age nor location is a barrier to connecting with your alma mater and fellow alumni.

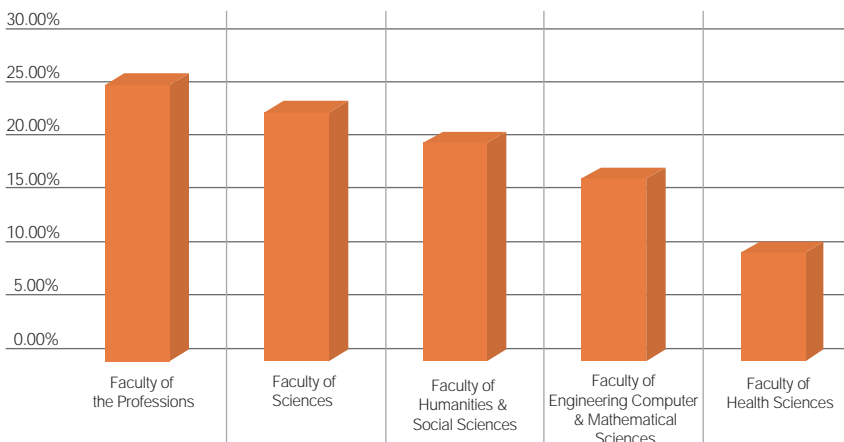
Who is signing up?



Around 50% of our members are aged between 20 and 40, ranging from our youngest member — 16 years of age to our most senior member, aged 91. Males make up 61% of the total membership.

Alumni from the Professions are leading the way with Sciences a close second.

Members by Faculty



Thanks to all of you who have made Adelaide onLION a success. As we approach our first anniversary of the launch of onLION we ask you to help us reach our goal of 10,000 members by 1 July. If you are already a member of onLION, please encourage a fellow alumnus to join. If you haven't yet joined the community, please go to Request an Account at: www.alumni.adelaide.edu.au/adelaideonlion

Remember, Adelaide onLION is your community and therefore your participation is crucial. Let us know what you think of the community, what you would like to see in the future, or any other ideas you might have by emailing adelaide.onlion@adelaide.edu.au or posting on the message boards.

Looking forward to seeing you onLION!



Scholars' dollars make a difference

More than 300 scholarship providers, recipients and their guests turned out at a special Scholarship Recognition Ceremony on Tuesday 28 April, 2009 to celebrate the difference that scholarships make to the lives of students.

The inaugural event featured a certificate presentation in Bonython Hall and a reception, formally recognising the accomplishments of students and giving scholarship providers the chance to meet face-to-face with recipients.

Swimmer Matthew Cowdrey OAM, the most successful 2008 Paralympian, and University of Adelaide student, was guest speaker. Matthew is the inaugural recipient of the Sports Ambassador Scholarship.

For many scholarship winners, the ceremony was the first opportunity they had to thank their scholarship providers — and for donors, it was an opportunity to see first hand the difference that their support makes to the lives and careers of students.

In his address, Vice-Chancellor and President Professor James McWha highlighted the important role that scholarships play in students' lives and their significance to the University of Adelaide.

"Scholarships provide support for those students who might otherwise be unable to take up a University place because of financial or educational disadvantage, or because they live in rural or remote regions. In awarding these scholarships, the University of Adelaide is able to continue our long tradition of attracting the best and brightest of students, regardless of their circumstances, and to help those students realise their ambitions to attend university," he said. ■

STORY LANA GUINEAY

1. Vice-Chancellor and President, Professor James McWha, Matthew Cowdrey OAM and Robyn Brown, Director, Development and Alumni
2. Brooke Crowell, Karina Mills, Hantie Barrie and Cindy Martin
3. John Roberts, Mithril Resources and Roger l'Anson
4. Dr Jacki Craig, Defence Science & Technology Organisation and Syeda Mahfuz
5. Richard Symonds, Department of Further Education, Employment, Science & Technology and James Duffy



When two worlds collide

For civil engineer James Daniell, 2009 will go down as the year that scholastic achievement and family history converged.

Anzac Day had special significance this year for alumnus James Daniell, who visited the battlefields of Villers-Bretonneux in France, where his great-grandfather fought on the Western Front.

Edward Mattner MC DCM MM served under General John Monash in 1918, after going to war in 1915. He had studied at the University of Adelaide in 1913 and 1914.

Edward was awarded the Military Cross, Distinguished Conduct Medal and Military Medal and Bar for his personal bravery under heavy shellfire.

Ninety years later his great-grandson James stood on the same soil to honour his ancestor and the general who holds great significance for both.

James, 25, is among eight Australians this year who have won Australia's most prestigious postgraduate scholarship — the General Sir John Monash Award, honouring this nation's greatest wartime commander.

This scholarship, funded by the Federal Government and private donors, is Australia's equivalent of Britain's Rhodes and the U.S. Fulbright scholarships. The General Sir John Monash Award provides \$150,000 to each recipient over a three-year period to undertake postgraduate study at any outstanding university in the world.

James has a Bachelor of Engineering (Civil and Structural) with 1st Class Honours and a Bachelor of Science (Geology and Geophysics) from the University of Adelaide. He was also awarded the Honours Alumni University Medal for 2007 and the University Medal for 2006.

He has just completed his Masters of Earthquake Engineering and Engineering Seismology from the Université Joseph Fourier, Grenoble, France, and the Università degli Studi di Pavia, Italy.

James will use his John Monash Award to start his PhD this July at the University of Karlsruhe in Germany, which is linked with the GeoForschungsZentrum (the National German Research Centre for Earth Sciences) near Berlin. He will also be associated with the United Nations University in Bonn and the ROSE School in Pavia.

It will be the first time that a John Monash Award scholar has studied in Germany. James will specialise in vulnerability and risk management of cities worldwide, acquiring knowledge that will have international application, leading to better policies, early warning systems and relief efforts.

It is also the first time that siblings have won the scholarship.

In 2005, James' sister Dr Katherine Daniell, also a University of Adelaide Medallist, won the General Sir John Monash Award. Katherine has a Bachelor of Engineering (Hons) (Civil) and a Bachelor of Arts. She has a *Doctorat en Sciences de l'Eau* from France and a PhD from the Australian National University.

Their great-grandfather, who studied at the University of Adelaide, was a former league footballer for Sturt, and also played in the Australian 18th Battery Football Team in France.

When James visited the Somme battlefield site in April he attended the inaugural Anzac Cup at Villers-Bretonneux, commemorating the Australian soldiers who played in military teams during the war. He carried a photograph from 90 years ago of his great-grandfather, Edward.

James and Katherine are the fourth generation of their family to have studied at the University of Adelaide. Their parents, Trevor and Anne (née Crisp) Daniell, and grandparents, Charles and Margaret (née Mattner) Crisp also have degrees from the University of Adelaide. ■

Left: James at the Australian Corps Memorial at Le Hamel (Somme region), wearing his great-grandfather's medals.

Above: Edward William Mattner.



ALUMNI

◀ ON THE MOVE ▶

What's new with you?

If you've recently changed jobs, been promoted, moved interstate or overseas, got married, we want to hear about it! Share your good news with your fellow alumni by emailing us 50 words or less, including your name, degree and graduation year. High quality photos are also welcome (300dpi).

If you are a member of Adelaide onLion visit:
www.alumni.adelaide.edu.au/classnotes
to spread the word.



Amy McLennan



Andrew Brader



Ang Chin Sim

2000s

Fan Yee Mun [*Current Student, B.E (Electrical and Electronic)*] won the Malaysia-Australia Business Council essay competition and was awarded a return air ticket, courtesy of Malaysia Airlines. She also won a four week internship with GHD Perunding Sdn Bhd, an engineering consultancy and project management services provider in Kuala Lumpur. Yee Mun's essay was entitled 'The Student's Role in Building Bilateral Relationships between Australia and Malaysia'.

Dr Kristofer Helgen [*PhD, 2007*] has been appointed Research Scientist and Curator of Mammals at Washington DC's National Museum of Natural History of the Smithsonian Institution, the world's largest scientific collection of mammals. In 2009 he was named as an Emerging Explorer by the National Geographic Society, one of the Society's highest honours.

Amy McLennan [*B Sc (Hons) 2005*] has been awarded a General Sir John Monash Award for 2009. Amy will study for her PhD at the University of Oxford. Amy's research focuses on health, food and obesity. Amy hopes her research will lead to better policies to address obesity at individual and community levels.

Lusia Guthrie [*BAppSc (UniSA), MScSTC 2001*], CEO and Managing Director of LabTech Systems has joined the Future Manufacturing Industry Innovation Council. The Council is working with industry to build a strong innovation culture where business, the research sector, the workforce and governments work together and invest in technology and practices that are more productive, cleaner and responsive.

Andrew Brader [*MBA 2000*] During and after his MBA study, Andrew worked as a management consultant first with Price Waterhouse, PricewaterhouseCoopers and finally IBM Business Consulting Services. In these roles, Andrew has provided consulting services to small and large companies across multiple industries both in Australia and overseas, culminating in his move to Switzerland in 2000 and key contribution to the Nestlé GLOBE [GLOBal Business Excellence] Program. In 2005 Andrew joined Nestlé USA Inc. as Director — GLOBE Solution and Implementation and Division Vice President. In January, 2009, Andrew joined Lodestone Management Consultants Inc. as a Director in their US Office.

Nicole Anderson [*B E (Civil & Structural)(Hons) 2006*] Following graduation, Nicole joined the engineering consultancy firm, Sinclair Knight Merz (SKM). She is currently working with the SKM Overseas Development Assistance (SODA) group on a Vietnam Urban Upgrade Project in Ho Chi Minh City. The project, sponsored by the World Bank, focuses on upgrading urban drainage infrastructure in selected low-income areas. Nicole's role involves construction supervision and contract management of four civil works packages.



Annette Donselaar



Peter Flavel



Nicole Anderson



Thomas Henick-Kling

Robert Pemberton
"Pem" Gerner

Ines Atmosukarto

1990s

Dr. Ang Chin Sim [MBBS 1992, FRCS (Edin) 1997, M.Med Ophthalmology (NUS) 1997, Postgrad. Dip. Healthcare Informatics 2007 (Uni of Bath)] pursued a career in ophthalmology following her medical degree. She was subsequently appointed Associate Professor at University Putra, Malaysia where she also headed the Ophthalmology Department. Following that she set up her own practice ACS Eye Specialists in 2004 where she is currently serving the local community in Kajang, Malaysia.

Dr Ines Atmosukarto [B Sc 1995, B Sc (Hons) 1996, Ph D 2001, Ph D (Bio Sc) 2002] has been awarded the 2009 Australian Alumni Award for Research and Innovation. Ines' current work sees her developing vaccines with Canberra-based company Lipotek.

Julian Zytnek [BA (Jur) 1994, LL B 1997] has launched his debut poetry collection in a book titled *Captain Fury*. His poems have previously been published in several literary journals including *Wet Ink*, *New England Review*, *The Adelaide Review*, *Hobo*, the *Friendly Street Reader* and *Going Down Swinging*. Julian is married with two sons.

1980s

(Anton) Kingsley Turner [B Sc 1983] has been named the City of Norwood Payneham & St Peters 2009 Citizen of the Year. Kingsley was recognised for his work in helping to restore and promote the St Peters Billabong since 1995. As a member and past chairman of the Friends of the Billabong, Kingsley monitors flora, fauna and water quality, and has voluntarily presented data to Council on a regular basis.

Annette Donselaar [BA 1983] has been appointed as Senior Vice President and Chief Compliance Officer for New York Life International. Now based in New York, she is responsible for the compliance and ethics program for all international operations for New York Life, which operates throughout Asia and South America. Prior to this role, Annette was Vice President and Chief Compliance Officer for American International Assurance Co, Ltd, based in Hong Kong. Annette has spent over 20 years in the compliance profession in Australia and Asia as a regulator, in-house compliance manager and industry specialist. She is also the President of Australasian Compliance Institute.

Associate Professor Thomas Henick-Kling [M Sc, 1982 (Oregon State University), Ph D (Ag Sc) 1987] has been appointed as the new director of Washington State University's viticulture and oenology program. Associate Professor Henick-Kling was the first graduate student at the Australian Wine Research Institute at the University of Adelaide where he earned his PhD degree. He earned his Masters in Microbiology and Food Science at Oregon State University. Henick-Kling has been honoured nationally and internationally for his work.

Jacqueline Guerin [B Ec 1989] has been appointed General Manager– Finance with Papyrus Australia Ltd. Jacqueline is a fellow of the Institute of Chartered Accountants and has over 20 years experience in the finance sector working for companies such as KPMG, GH Michell and Detmold Packaging.

Peter Flavel [LL B 1983, B Ec 1988] was appointed Global Head of Private Banking in March 2006. He was responsible for developing the strategic blueprint for the establishment of a new private bank for Standard Chartered. Peter was also voted a runner-up in Wealth Bulletin's Business Leader 2008 awards.

1970s

Dr Robert Pemberton "Pem" Gerner [BA 1975, M.Env.Studies 1979, PhD 2003 (USyd)] lectured part-time in Professional Practice and Design at Adelaide before moving to Sydney to become a Director of DEM's Planning and Urban Design Group. He then relocated to Malaysia to consolidate the firm's practice there. On his return, he became an adjunct professor at Canberra University's Centre for Developing Cities, established predominantly for post-graduate Indonesian students. He currently teaches urban design online at COFA [UNSW] and has co-authored the recently published, and favourably reviewed, *Architecture by Team*, as well as co-editing an email-distributed journal, *Cityscape*.

1960s

Daniel Gunaratnam [B E (Civil) (Hons) 1962, M E 1966] studied Civil Engineering at the University of Adelaide under the Colombo Plan, achieving a BE with First Class Honours and subsequently an ME (Hydrology). Daniel returned to Malaysia for several years and achieved a Doctor of Science in Engineering (ScD) from Massachusetts Institute of Technology in 1970. He held several positions during his career, including lecturing at the University of Singapore, working as an independent Water Resources/ Environmental Consultant in Malaysia, and as Senior Irrigation Engineer in the Asian Development Bank. In 1981, the World Bank invited Daniel to work with them as the Principal Water Resources/ Environmental Engineer where he worked for almost 20 years before his retirement in 2001. He now works as a consultant to ADB, World Bank and other large private sector firms.

Membership has its privileges

All alumni — current and former students, staff and graduates — are entitled to a range of privileges, including special discounts and benefits, through membership of the Adelaide online community.

Launched last year in conjunction with the Alumni Membership Card, the Privileges Package provides a range of opportunities and offers exclusive to alumni.

Members of Adelaide onLION — which currently number more than 9,300 — can access these privileges through their Alumni Membership Card.

These special privileges are in addition to the general benefits already offered to alumni including after-hours parking and Barr Smith Library discounted borrowing rights.

We are currently looking for additional partners who are able to provide benefits on a national and international scale to further reflect and recognise our global membership.

For further information on these benefits please visit the Privileges section of our web site at www.alumni.adelaide.edu.au or contact Jen Clark at +61 8 8303 7194.



Our growing list of partners and services includes:

- Community Access Program (via Humanities and Social Sciences)
- Professional and Continuing Education
- Adelaide Festival Centre
- Adelaide Youth Orchestra
- Adelaide Symphony Orchestra
- Elder Conservatorium
- Mudita Centre for Health and Wellbeing
- Adelaide Cellar Door
- Bloom'a'licious
- Haigh's Chocolates
- Mutual Community and HBA
- EFM Health Clubs
- Introduction to Meditation
- Just Spectacles
- The Sports Hub

Alumni

MEMBERSHIP



Adelaide alumni have access to a range of benefits, special offers and opportunities — from networking to exclusive discounts. The Alumni Privilege Package brings together an ever-expanding range of benefits available to all Alumni Membership Card holders.

SPECIAL OFFER: Mutual Community

Take the pain out of choosing the right health cover with Mutual Community/ HBA!

One of Australia's largest health funds, Mutual Community/ HBA is pleased to offer alumni the University of Adelaide Health Plan, including a special 'no excess' offer. If you go into hospital, you

won't have to pay your excess — the Health Plan will pay it for you!

Whether you're already a member, looking at cover for the first time or wanting to compare your current plan, experienced consultants are on hand to assist. Join before 30 June 2009 for the chance to win an indulgent weekend escape.



To check out this offer and the full Alumni Privileges Package, log on to www.alumni.adelaide.edu.au/privileges



Business Card Holder – leather



Pen – satin silver (boxed)



Luggage Tag – metallic silver



Coffee Mug – large red



Photo Frame – metallic silver



Umbrella – golf



Coaster Set (6) – stainless steel



University Ties – Striped, Blue Logo, Cubed



University Graduate Tie



Rugby Top – Navy



Hoodie (Ladies and Mens) – Navy



Fleece (detachable sleeves) – Navy



SA Water
Chief Executive Officer
Anne Howe

You can make a difference



For SA Water, tomorrow's innovators in the water industry are today's high-achieving students. That is why the water utility is so enthusiastic about supporting undergraduates at the University of Adelaide through their Scholarships Program.

SA Water's support has seen them double the amount of scholarships offered at the University to a total of 24 in 2009, covering a range of fields including engineering, business, economics, commerce and accounting.

The Program also supports female and Indigenous students, as well as those in financial need.

SA Water Chief Executive Officer Anne Howe said SA Water was proud of the strong scholarship program it had established, which now provides more educational opportunities for young South Australians, including Jarrod Sedmak and Rachel Iasiello (pictured left).

"The SA Water Scholarship Program has been developed to assist in ensuring that SA Water, the water industry and business in general are provided with high-achieving individuals," Ms Howe said.

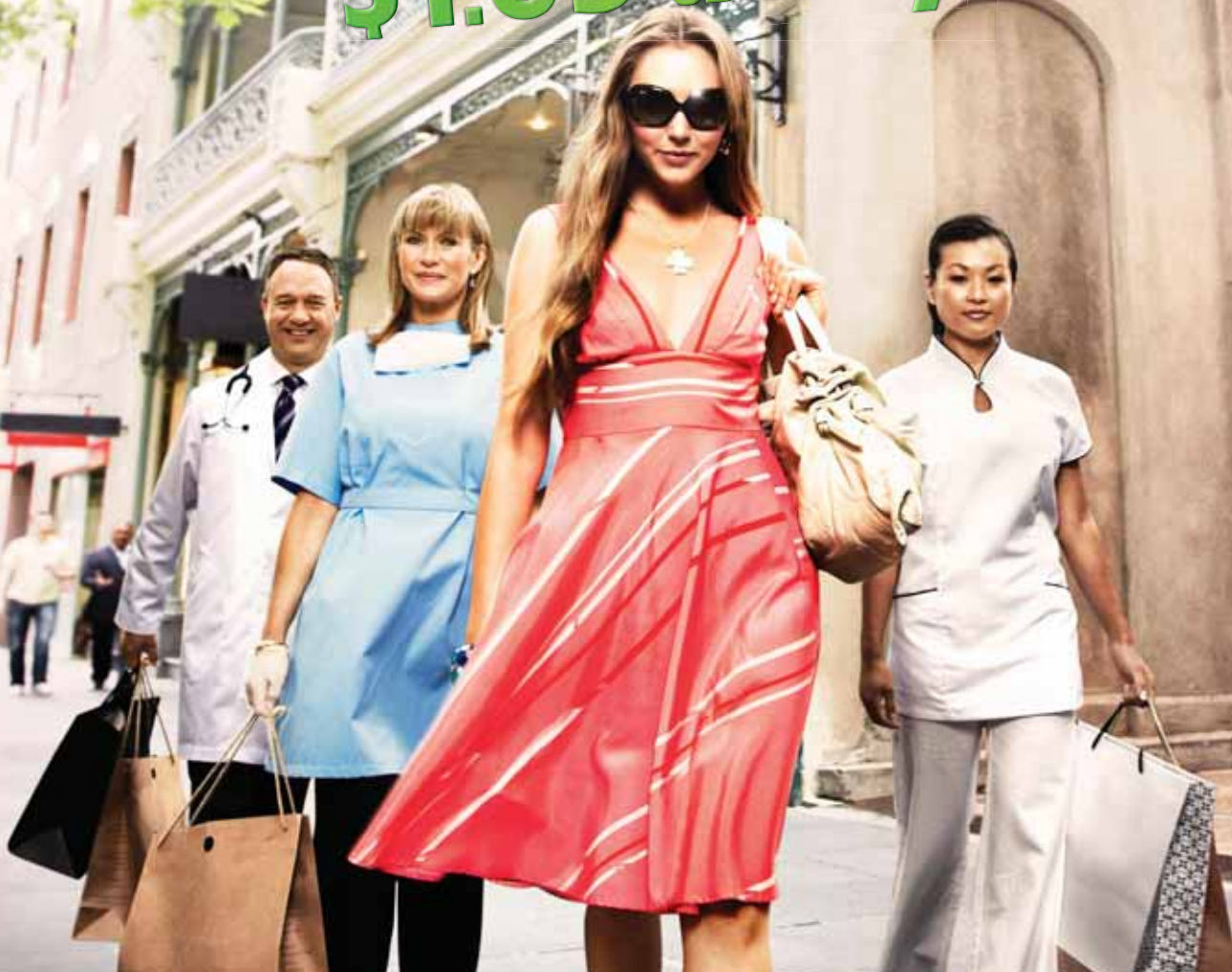
The scholarships range in value from \$2500 to \$5000 per year, and give some students the opportunity to receive paid work experience at SA Water throughout the duration of their scholarship.

For more information about giving to the University of Adelaide, contact:

Development and Alumni,
+61 8 8303 5800 or email
development@adelaide.edu.au

Photo Matt Turner, *The Advertiser*

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