

lumen

WINTER 2004

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Climb every mountain

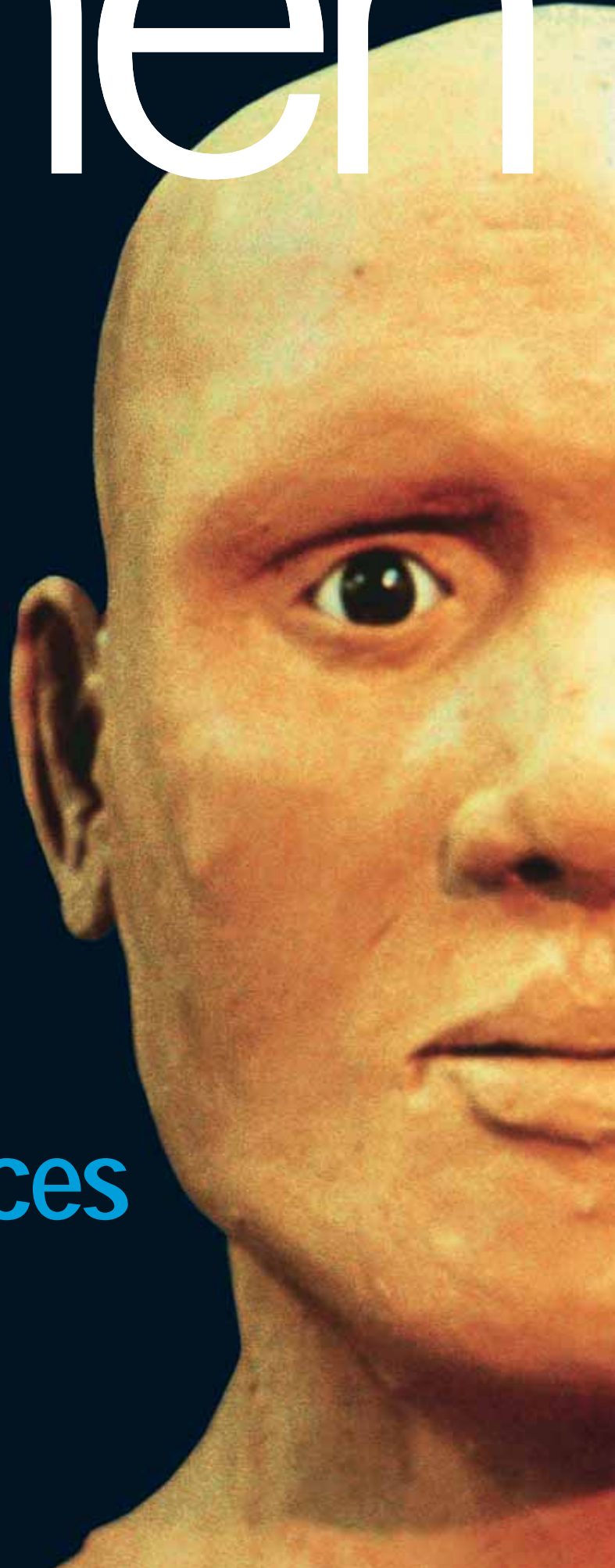
Meeting the challenge

Through the keyhole

Pioneering paediatrics

Changing Faces Changing Minds

LIFE IMPACT THE UNIVERSITY OF ADELAIDE





It is now 130 years since the establishment of the University of Adelaide in 1874. During that time the University has developed to be among Australia's leading universities, continually contributing to the wealth and wellbeing of South Australia and the nation.

Adelaide has a fine tradition of exemplary scholarship, groundbreaking research and influential graduates, so that the University has demonstrably made a significant impact upon the world around.

These achievements have been shaped by the University's inherent values: our commitment to excellence in all we do, our belief that a focus on the experience of the student is fundamental, and our conviction that research intensity and innovative high-quality teaching have a symbiotic relationship and together underpin the finest universities in the world.

These values are at the heart of the University's ongoing branding, which emphasises "Life Impact". Our recent television advertising campaign involved a number of current and past students who have excelled in their respective fields. The very faces of that campaign represent everything we stand for: a quality university experience, leading to quality outcomes for students and graduates, leading to quality outcomes for the community.

Our achievements and our values are shingly evident in this issue of *Lumen*. It interweaves stories about the "reality-shaping" work of some of our fine researchers, with the global impact made by our graduates in areas as diverse as unravelling the mystery of SARS, to making a difference in the lives of the world's disadvantaged children through World Vision.

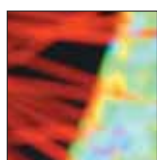
In this issue, too, you will find examples of ways in which the University's staff and alumni continue to contribute to our drive for excellence through their generous support for the Barr Smith Library, scholarships, and many other activities.

If one measure of an institution such as a University is the affection and support it engenders among its alumni, then the examples in this issue show that we have every right to feel confident in the future.

PROFESSOR **JAMES A. McWha**
Vice-Chancellor and President

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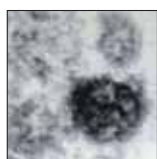
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The *Lumen* masthead is derived from the University of Adelaide motto "Sub Cruce Lumen" – the light (of learning) under the (Southern) Cross.

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VIRTUAL Immersion



The real virtue of virtual reality is now on full display at the University of Adelaide.

A new \$5 million state-of-the-art virtual reality centre located in the University's Santos Petroleum Engineering Building puts Adelaide among the leaders in three-dimensional research in Australia.

The 3D Visualisation Facility provides a fully immersive 3D experience that will benefit the tertiary, government and industry sectors.

Professor of Petroleum Engineering and Management Ashok Khurana says the world-class facility will benefit not only the University of Adelaide but also

its three other university partners: the University of South Australia, Flinders University and Curtin University in Western Australia.

The 3D Visualisation Facility has received additional funding from industry and the Federal Government.

"The most exciting thing about the facility is that it will benefit research and teaching across every area," Professor Khurana says.

"Obviously it has enormous potential for the petroleum geoscience and

engineering areas, but we are also encouraging the rest of the University to take advantage of such a facility.

"Disciplines which have already shown their commitment to the facility through financial contributions are Petroleum Engineering, Petroleum Geosciences, Chemistry and Physics, Agriculture and Wine, Molecular Biosciences and Psychology.

"Other disciplines that could gain from using 3D virtual reality include architecture, anatomy, biology, dentistry, surgery and archaeology.

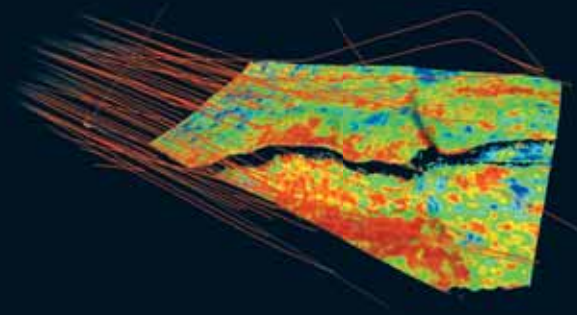


“It will also be made available to the science, technology and industrial communities on a cost-recovery basis.”

The technology that brings the 3D experience to life is impressive. The facility can seat up to 100 people and features three massive screens, each with its own rear-projection system, which join seamlessly together to bring a total viewing area of 15 square metres.

Full stereo sound, motion tracking and real-time computing capability are also integral components, and it even includes an “intelligent whiteboard”, which records anything written on it in digital format which can then be sent instantly anywhere in the world.

Later this year the facility will be upgraded to include “haptic” capacity, or the ability to recognise the sense of touch.



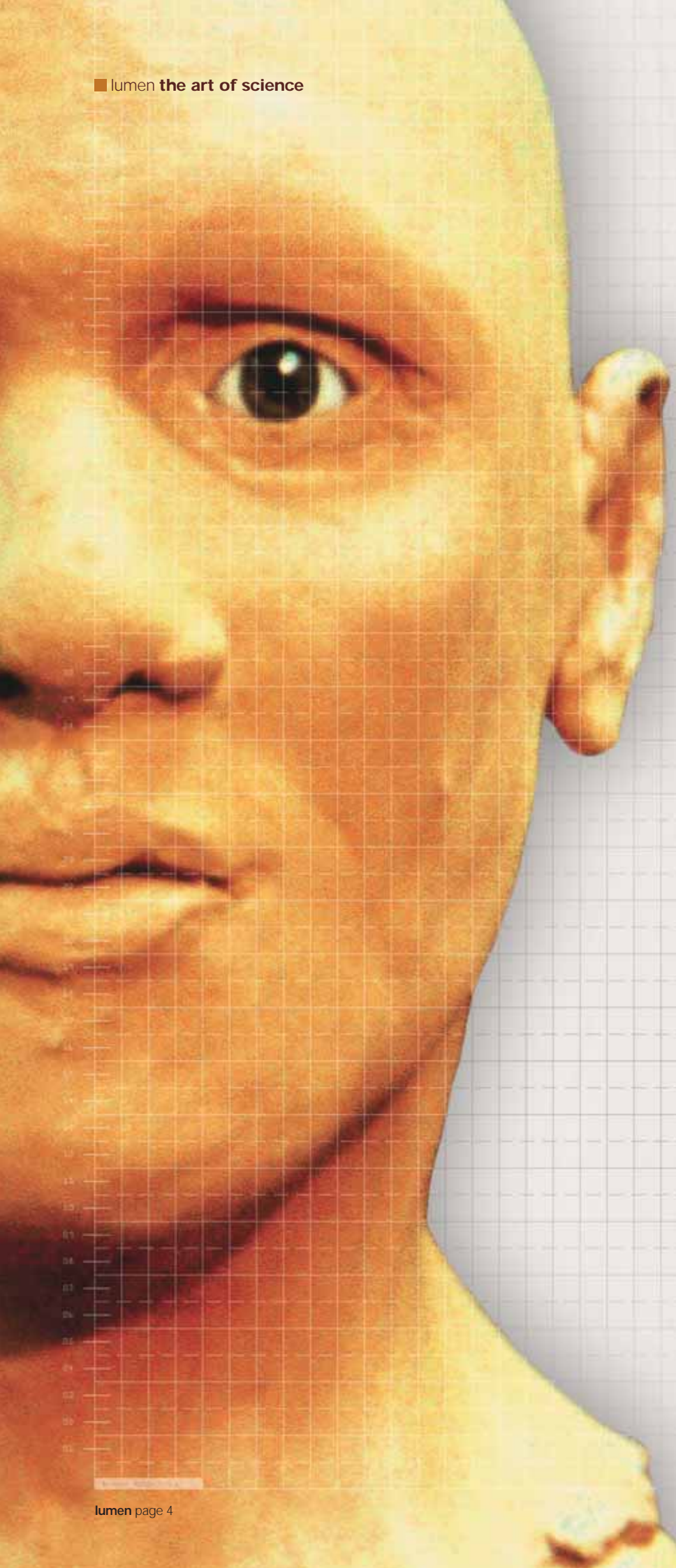
“This adds another aspect to what we are able to offer,” Professor Khurana says. “For example, surgeons will be able to recreate an operation, and using the facility’s haptic capabilities, they’ll be able to ‘feel’ the difference between skin and muscle, and muscle and tendon, and tendon and bone, and so on.”

Professor Khurana says the facility will enable Adelaide to be at the

forefront of virtual reality-based research in Australia.

“The opportunities for such a high-standard operation are almost limitless,” he says. “We are offering a world-class facility located right in the middle of Adelaide which has benefits for many organisations, and we expect to be very busy keeping up with demand.” ■

Story by **Ben Osborne**



Changing

A young graduate is trying to improve the way forensic science uses one of its techniques of last resort to help identify murder victims.



faces, changing minds

Four years ago, a University of Adelaide student stood at FBI headquarters in Washington, DC, and told some of the world's elite law enforcers and forensic scientists that the methods they were using had significant flaws.

Those methods could be improved with relatively straight-forward changes, he said.

That student was Carl Stephan; the issue he was raising was the accuracy of “facial approximation” to help identify murder victims.

Facial approximation is commonly but incorrectly known by the public as facial reconstruction. It involves “building” a face — through sketches, computer-generated images or as a 3D sculpture — using only the victim's

skull and a set of half-century-old guidelines as a reference. It is not true reconstruction because it involves much creative guesswork.

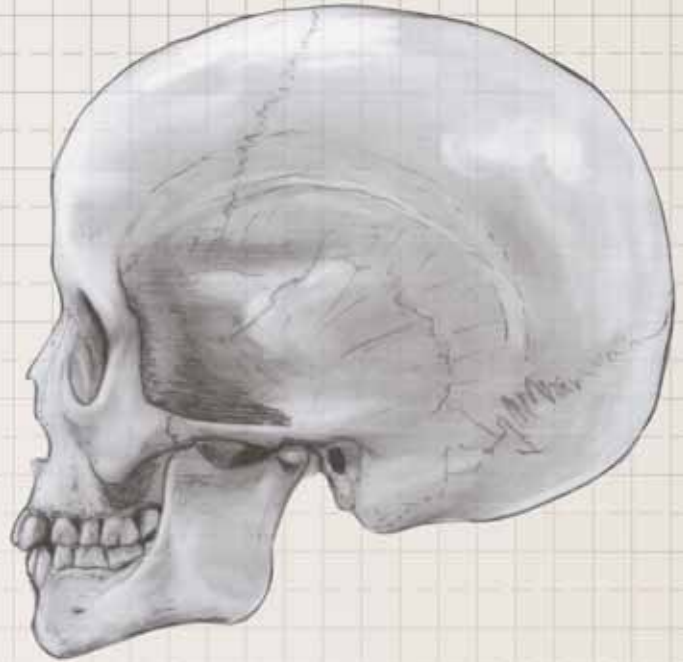
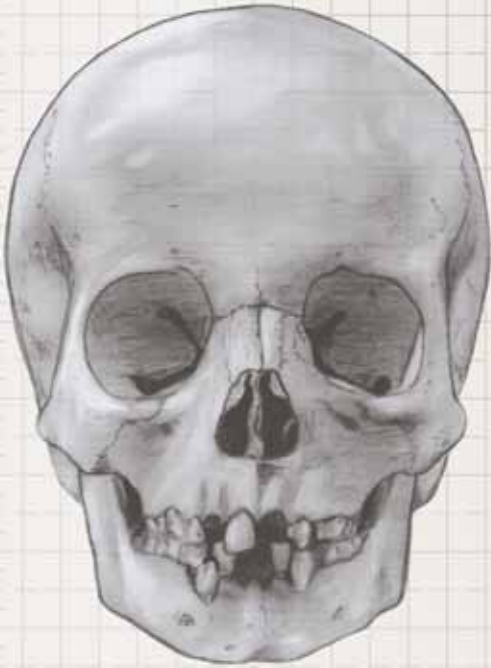
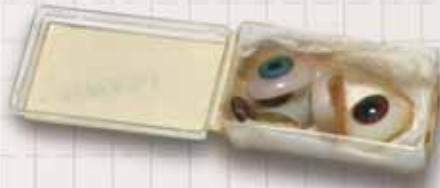
The technique is rarely used here in South Australia and is usually a last line of defence for law enforcement in an attempt to jog the public's memory about a victim. For example, there has only been one case of facial approximation used publicly in South Australia. Victoria has about one case a year, on average.

Given high-profile status through films and crime novels, and by publicity in the mainstream news media, these artists' impressions of victims are claimed to be highly effective, depending on the practitioner who creates them.

Accuracy rates have, however, been questioned since in some cases the constructed faces may not be the crucial factor responsible for the actual recognition; for example, they may merely have focused public attention while the recognition has depended on other factors associated with the case.

Despite their apparent “success” there is much room for improvement according to Dr Stephan, who graduated with his PhD in Anatomical Sciences last year and is now a Lecturer in Anatomical Sciences at the University of Adelaide. His research has focused on “putting the science back into the art” of facial approximation.

“Our research found that the accuracy of facial approximation is



CAS

about equivalent to what you would expect by chance,” he says. “That doesn’t mean the methods shouldn’t be used — in a forensic case, it’s going to be beneficial to try anything, especially if there are no other leads. But we certainly want to improve on the methods as they currently stand.”

One of his concerns is the widely used guidelines to reproduce soft tissue on the face: the nose, mouth, ears, eyes and other features that rot away on the skull, leaving no evidence of what they looked like, except for what can be determined from the skull. Individual variations in these features play a major role in helping members of the public to identify a murder victim, but the current guidelines are not anatomically accurate, according to Dr Stephan.

For example, the worldwide literature on human anatomy contradicts facial approximation guidelines for human eyeballs, which are out by about four millimetres. The guidelines for determining mouth shape and size have even more problems, according to Dr Stephan’s research.

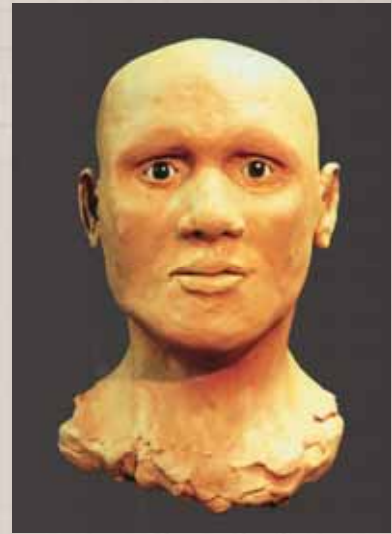
“For determining mouths there are three different guidelines, which already suggests that there’s something wrong — you can’t have three different guidelines to determine the same feature when they all produce different results.

“We found that one of the guidelines was out by around 10 millimetres. That’s fairly big. If you look at it in overall terms of the size of the mouth, you’re out by about 20%.

“Another of the guidelines under-represents mouth width by about six to eight millimetres. The third guideline is fairly accurate — it’s only out by about two millimetres, so it’s fairly acceptable.”

Dr Stephan says the absolute differences of a few millimetres might not sound like much — and making changes that will more accurately reflect human anatomy may not automatically lead to improvements in the public’s recognition of victims — but he believes research in this area is a step in the right direction.

“From my perspective, because it’s a very creative field — you’re building a face in clay with a skull, for instance — you need to have a lot of dexterity. Not all scientists have that dexterity so they call upon artists to do that



“ you want to do the best job that you can, because there’s possibly other people’s lives depending upon the identification of the victim ”

part for them. When that started to happen, artists became quite renowned for their techniques and some of the science started to drop off. Now there are quite a few artists who are world-renowned for their method. So for me to now say, ‘hang on, these methods aren’t working’, I think it’s a bit intimidating because these people have been using those techniques for so long.”

Dr Stephan has worked on a number of facial approximations himself, having been trained in human anatomy and possessing a talent for clay sculpture. Some of his faces include those of ancient Egyptian mummies (for the South Australian Museum), and a face of a victim involved in one of the most high-profile murder cases in South Australia’s history: the Snowtown murders.

“About four months before the Snowtown murders actually came to light, I worked on a 3D clay facial approximation which was never

advertised to the public,” Dr Stephan says. “We used the old guidelines to do it, but we still managed to get a face that looked similar to the individual, which illustrates the large proportion of subjective guidelines involved and the large role luck and chance currently play in the method. Whether or not it would have been recognised we will never know, but in the end it wasn’t needed.”

The only facial approximation used publicly in South Australia was of a murder victim discovered at Lower Light, which was related to the Snowtown murders. That approximation included drawings by one of Dr Stephan’s supervisors, head of Anatomical Sciences Professor Maciej Henneberg, as well as computer-generated images from another team of experts. Unfortunately, the face was not identified from those images.

Dr Stephan says working on such cases is scientifically exciting, because

it helps to further his understanding and knowledge in the area, but it also operates on a more personal level.

“It certainly makes you want to do the best job that you can, because there’s possibly other people’s lives depending upon the identification of the victim, and it may lead to the apprehension of the criminal,” he says.

“You certainly want to get the face as close as you can to the real person. Of course, right now that’s bound by the limitations of the methods.

“Forensic work is exciting because it puts you to the test,” he says. “It’s where you need to draw upon all of the knowledge that you have, and at the end of the day you try to come up with a positive result.

“That’s why it’s important that we continue to question the methods we use, so that hopefully there will be more positive results than negative ones.” ■

Story David Ellis



Barr Smith Library Appeal

The Barr Smith Library is advancing into the Virtual Age

"...students who come to our department are always overwhelmed by the richness of resources that they can access via the Barr Smith Library. It is a University treasure – without such a rich resource, the University of Adelaide would not be as strong an institution as it is."

Professor Janet Hiller,
Professor and Head, Department of Public Health

University Librarian Ray Choate launches the Barr Smith Library Appeal for 2004

There are some exciting developments that are occurring in the Barr Smith Library today. Developments that improve access to resources not just locally but globally. The Barr Smith Library is a pre-eminent research library for print collections and we will continue to develop the breadth and depth of printed materials available. Print remains a primary focus in our collecting and your valuable support through the Annual Appeal and many gifts in-kind will ensure that we are able to maintain this area.

The Barr Smith Library is also a leader in virtual access to materials over the World Wide Web with enormous gains in convenience and sharing of resources. Resources are accessible 24 hours a day to multiple users wherever they are located. 70 percent of our research journals are now delivered electronically to the desktop of the researcher and student. Our Electronic Texts collection is averaging nearly 35,000 online requests per day.

This year I invite you to support the increase in electronic access for students with acquisition of ebooks from sources such as NetLibrary which offers titles from leading publishers on subjects ranging from anthropology to zoology, to business, computer science and literature. The Library is not only acquiring electronic access to materials but also using scanning technology to convert some of its unique and valuable research materials to digital format. This makes the resources of the Library accessible to scholars worldwide and helps to preserve the original materials. You can bring the richness of the Barr Smith Library Special Collections to scholars worldwide by opting to support a digitisation project such as John Stephen's *The land of promise: being an authentic and impartial history of the rise and progress of the new British province of South Australia, 1839*. To digitise this book for the benefit of scholars and readers world wide would cost in the region of \$150.

I encourage you to consider making a gift to the Barr Smith Library as an investment in the future of education and research at the University of Adelaide. Your tax-deductible gift of \$60 or more to this appeal will be acknowledged with a named bookplate either in print or electronically. Please contact the Alumni, Community Relations and Development office on (08) 8303 5800.



Rachel Swift

President, Adelaide University Sports Association and 2004 Rhodes Scholar

The Barr Smith Library has provided a wealth of valuable resources to supplement my studies at the University of Adelaide. The extensive nature of the collection and the access to leading research journals has been of prime importance to optimise my study. Particularly, electronic access to journals has allowed me to continue research after hours and electronic journals facilitate immediate access to cutting edge research, often before it has even been published in hard copy. The ability to instantly access worldwide research of the highest quality is the foundation for developing a strong research environment, which the Barr Smith Library clearly fosters.



Professor Graeme Hugo

Federation Fellow
Professor of Geography
Director of the National Centre for Social Applications of GIS

The Barr Smith Library has long been a resource of inestimable value to many generations of students and staff at the University of Adelaide and to the South Australian community more generally. In the 21st century libraries perform the same function as they always have to facilitate access to information and knowledge but the forms which they are now available in and the technology used to access them have changed dramatically. The Barr Smith Library has done a wonderful job in being at the leading edge of these developments. Their ability to deliver information electronically wherever one is – in the office, at home, overseas – has been of immeasurable value in my own teaching and research and that of my students and colleagues. This is a rapidly developing area and to maintain its high standards it is imperative that the Barr Smith Library is able to access sufficient funds. The Barr Smith Library is of fundamental importance in the University of Adelaide, maintaining and enhancing its already impressive national and global reputation as a leading research and teaching university.



Professor Janet Hiller

Head, Department of Public Health
The University of Adelaide

The Barr Smith Library is a wonderful resource for students, staff and the broader South Australian community. The Health Technology Assessment Unit and the National Horizon Scanning Unit, located in the Department of Public Health, both depend on timely access to a large range of information resources from around the world. They could not function without access to the journals and databases to which the Library subscribes. A library of the calibre of the Barr Smith Library is critical to our functioning. We are particularly delighted that so many of these resources are available on-line. This is not only important for researchers but critically important to students who increasingly are located off-campus. International students who come to our department are always overwhelmed by the richness of resources that they can access via the Barr Smith Library. It is a University treasure – without such a rich resource the University of Adelaide would not be as strong an institution as it is.

Feet on the ground, head out of the clouds



Professor JM Coetzee last year became the fourth person directly associated with the University of Adelaide to receive a Nobel Prize.

Appointed in June 2002 as an Honorary Visiting Research Fellow with the University's Discipline of English, he is regarded as one of the greatest living writers for such works as *Disgrace* and *Life and Times of Michael K*. He conducted a Question-&-Answer via email with Ben Osborne about his experiences with the city of Adelaide and the University of Adelaide, and being awarded such a prestigious honour. ■

Q1

Why did you move to Adelaide? What about it appeals to you?

A1

My partner, Dorothy Driver, visited Adelaide in 1991 and spoke very warmly about the city and the reception she had here. I came for Writers' Week in 1996 and had much the same impression. I don't like big cities (I have been spending part of the year in Chicago for the past seven years, and feeling somewhat trapped while I have been there). Adelaide seems to me a human-sized city, very attractive, very civilized, with a strong artistic community. There is also, for someone who enjoys cycling, the allure of the hills.

Q2

Why did you choose to become associated with the University of Adelaide? What do you get out of this association?

A2

When people at the University heard that I would be settling here, they very kindly contacted me and asked whether I would be interested in playing some role in academic life (I had been a fulltime academic from 1969 until my retirement in 2001), and I was happy to accept. I get a great deal out of the association: contact with likeminded people, an opportunity to keep a finger on the pulse of the next generation of Australian writers, freedom to use

the University's research facilities. My involvement is also, frankly, a counter to the sense of isolation one might develop if one just sat at one's desk at home day after day.

Q3

What do you think the University of Adelaide students get out of your association?

A3

I believe it is a good thing for a young writer to get a range of responses to his or her work in progress, as long as those responses are sincere, constructive, and if at all possible sympathetic.

Q4

How did you enjoy your public performance at the Barr Smith Library's Reading Room on July 24 last year?

A4

I was touched to see how many people turned up, and how attentively they listened (despite problems with the sound system). You must remember that in July last year I didn't even have the curiosity value of the Nobel laurels to pull in an audience.

Q5

To take the question the University's Tom Shapcott posed to you during Writers' Week a step further: what consequences does winning such a major award as the Nobel Prize have on you as a person and your writing?

Does it indeed inhibit or exhilarate, or something in between?

A5

During the course of the Nobel ceremonies I had the pleasure of being a dinner guest at the Swedish Academy. The Swedish Academy is responsible for deciding the prize for literature. The members of the Academy struck me as intelligent, learned, and sensitive human beings, but not gods. Nor did they pretend to be gods. The Academy has made many wise choices in the past, and now and then a not-so-wise choice. To none of us is it yet clear whether the choice they made in 2003 was a wise choice or not. The point of these remarks is the following. It would be exceedingly foolish of me to think that I am all of a sudden a better writer now than I was a year ago. In other words, I had better keep my feet on the ground and my head out of the clouds.

Q6

How does the Australian higher education system compare, in your view, to others you have experienced (namely the US and South Africa)?

A6

I don't want to go on at length about higher education in Australia or anywhere else. Suffice it to say that, in my opinion, what has happened to higher education since it was hit by the runaway train of neo-liberal economic policy has been catastrophic.

Surviving SARS

How an Adelaide graduate helped identify Asia's killer virus

"It was scary."

To anyone not closely involved with the outbreak of severe acute respiratory syndrome (SARS) across Asia and parts of the Western world last year, they may never understand just how scary it was.

In the space of nine months, from the earliest recorded cases in November 2002 to July 2003, more than 8000 people contracted the deadly SARS virus, and about 800 died of it. Cases were reported in more than 30 countries around the world.

One person who saw first hand the impact of SARS — and played a major role in identifying the mystery virus that causes it — was Dr John Nicholls, a medical graduate of the University of Adelaide (MBBS 1983).

Now an Associate Professor of Pathology at the University of Hong Kong, based at the Queen Mary Hospital, Dr Nicholls had been living and working in Hong Kong since 1988. In all that time he'd seen a lot of disease, including the Asian bird flu, but nothing like SARS.

"Hospitals were close to collapse, staff were becoming infected, they were exhausted, overworked, tensions were running high," he says.

"People were walking the streets with surgical masks on, they were not shaking hands... tourism was virtually non-existent, shops were losing business, hotels were not occupied. There was a sense that this was a ghost town. People were talking nothing but SARS."

This grim picture was made even more frightening for Dr Nicholls for two main reasons: just one month before the SARS outbreak, his wife Leanne (also an Adelaide graduate) had given birth to their son; and for the simple fact that at the beginning of the outbreak, researchers had no clear idea what the mystery illness was, what was causing it, or how it was being spread.

Dr Nicholls's involvement with the SARS virus goes back to the earliest days of the outbreak in Hong Kong last year. He had already been working on cases of the Asian bird flu in collaboration with a university and hospital colleague, virologist Professor Malik Peiris.

"In February last year Professor Peiris called me to say that he had some tissue from a patient who had a strange disease, and could I take a look at it?" Dr Nicholls says.

The patient was a medical doctor from Guangdong Province in China. He had been among those treating hundreds of cases of an "atypical pneumonia" (later identified as SARS) in Guangdong, and had travelled to Hong Kong to attend a wedding. When his symptoms worsened, the doctor sought urgent care in Hong Kong and warned medical staff that he had contracted "a very virulent disease". He died a week later.

Initially Dr Nicholls and his colleagues thought it might be the start of another bird flu outbreak, but when he studied the tissue samples, "it didn't look like a typical influenza".

"This was really quite strange... it seemed to be like nothing I'd seen before."

More samples came in — this time from a Chinese-American businessman visiting Vietnam, who also had contracted a strange respiratory illness.

"Looking back, maybe we should have thought, 'here are two strange diseases, maybe they're the same', but it was very difficult to put the two together," Dr Nicholls says. "Geographically they were quite far apart, and at that stage we did not



Dr John Nicholls — Adelaide graduate who helped to identify the SARS virus

have the link with the Metropole Hotel.”

The Metropole is where the doctor from Guangdong had stayed during his visit to Hong Kong. It became a contact point for transmission of the disease to others, including the Chinese-American businessman, who had moved on to Hanoi but was flown back to Hong Kong for treatment (he died a week later), and other guests from as far away as Singapore and Toronto, Canada.

The mystery began to deepen and the number of cases was soaring rapidly, including a major outbreak among healthcare workers at Hong Kong’s Prince of Wales Hospital.

“Science takes time, and it especially takes time to get right. But time was not on our side,” Dr Nicholls says.

Various teams around the world were working to identify the mystery illness, and some of them gave conflicting reports about causes of the

outbreak. Reports from China and Germany said the outbreak had been caused by a human meta-pneumovirus.

“This worried us because I had been doing some immunohistochemistry on some of the tissue samples, and the staining reactions didn’t seem to indicate a meta-pneumovirus,” Dr Nicholls says.

Another report from China said the mysterious agent was chlamydia.

“This was also very strange because we’d been looking for chlamydia

“Safety procedures were really quite stringent, and we were proceeding cautiously. There was a great fear, a fear of the unknown.”

and hadn't found it. So there were different centres reporting two different organisms, which we hadn't identified.”

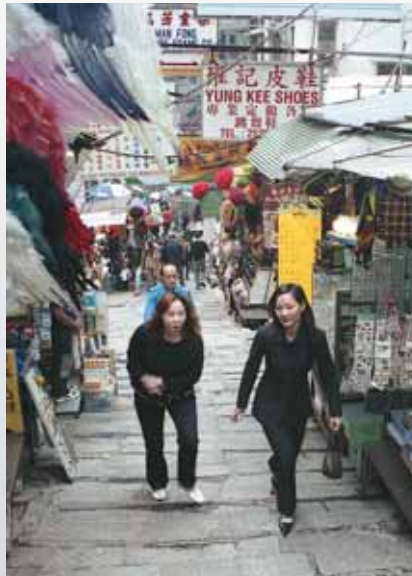
Professor Peiris told Dr Nicholls that the mysterious agent was aggressively killing off cells in a cell culture.

“My job was to look at the cell culture and find out just exactly what the agent was,” Dr Nicholls says. “This is where we used electron microscopy, which is able to look at viruses under very high magnification.

“Looking at the cell culture we were able to see that this certainly was a virus, it was not chlamydia, and that the virus appeared to have spikes with bulbs on the end, which is different to the meta-pneumovirus.

“The presence of these spikes suggested that it could be a coronavirus. This was unusual, because coronaviruses are normally associated with the common cold, not with such a deadly and aggressive disease as SARS.”

Once Dr Nicholls had made the initial identification, another member of the team, Dr Leo Poon, used sophisticated molecular screening techniques to amplify out and search for parts of the coronavirus genome. He found that the agent was indeed part of the coronavirus family, but it was a totally new coronavirus that had not been identified before.



With corroboration from a network of colleagues, Professor Peiris contacted the World Health Organization (WHO) to say that they had discovered the cause of SARS. Days later, with genetic sequencing confirming it, an announcement was made to the world. It was weeks after the first cases had arrived in Hong Kong, and long after the first deaths.

“In retrospect people might say, ‘why did that take so long?’, but it is actually a short space of time and we were dealing with something that we hadn't seen before,” Dr Nicholls says.

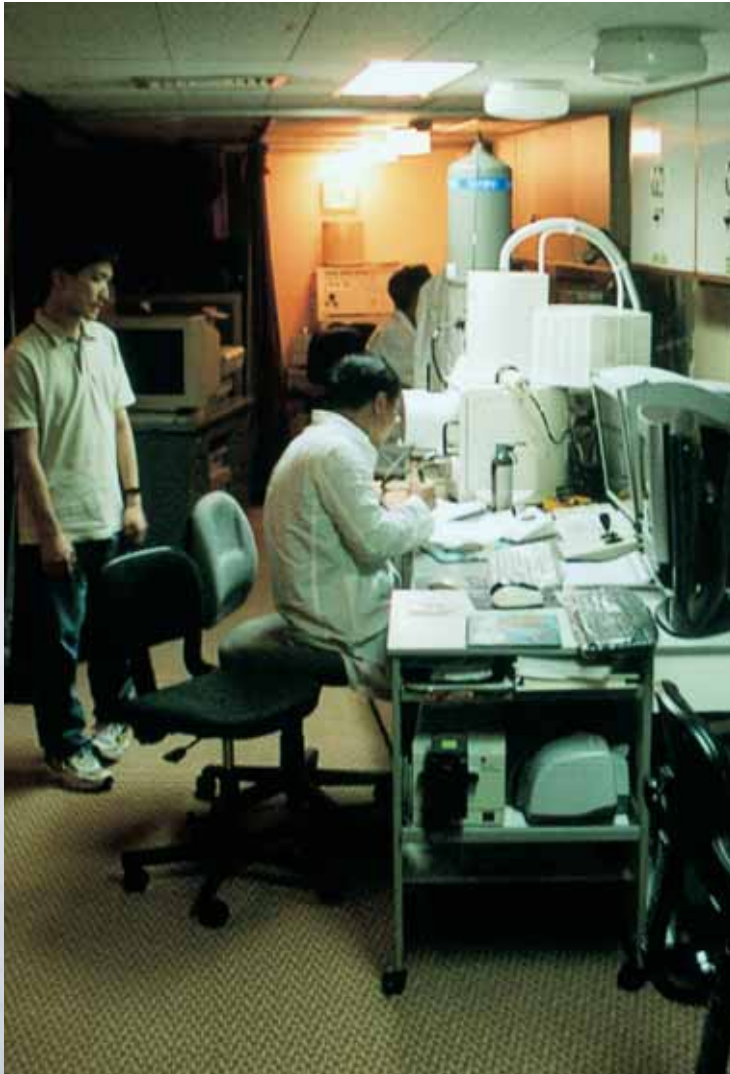
“Because we didn't know exactly what we were dealing with we were taking a few more precautions than maybe we would have. Safety procedures were really quite stringent, and we were proceeding cautiously. There was a great fear, a fear of the unknown.”

The personal threat to everyone involved in researching the virus was palpable. Dr Nicholls describes his work at the time as: “looking at the post mortem tissues, looking at the cell cultures, doing the electron microscopy, and trying to stay alive”.

“That was one of the big fears. Once we found out this was something new, because we didn't know the exact mode of transmission or the degree of infectivity, the big danger was: is it going to be something like Ebola? It was very worrying. And we didn't have any diagnostic tests, so you never knew whether all these samples you were working with were infected or not.

“One of the laboratory technicians came down with severe fever, and we thought he might have SARS — we were all worried about that for a few days until we found out that, luckily, he had the ordinary type of influenza.”

The WHO credits the University of Hong Kong with being the first to identify the SARS virus. Dr Nicholls is among those from the university



Researchers in the Electron Microscopy Unit, University of Hong Kong, Queen Mary Hospital

to have his name on the patent pending for the virus, although patent applications have also been made by teams of scientists from Canada and the United States. He also has published two research papers in the prestigious journal *The Lancet* about his work on SARS.

Today, Dr Nicholls is continuing his SARS research, although he spends most of his time teaching and in clinical practice.

“A year after, like many of these emerging infectious diseases, we still don’t know exactly what’s going on,” he says.

“Over the past year a lot has been identified — the virus has been sequenced, the source of the virus has been discovered in a number of animals in mainland China, identified by our university last August — but it’s going to be difficult to control.

“Because these animals exist in the wild, it’s difficult to say whether or not this is a once-off virus or if it will come back again. If it does come back, I don’t think it’s going to be as bad as before, because at least now most governments have a contingency plan of what to do with suspected cases, quarantine management and so on.”

With more than 800 lives lost and potentially billions of dollars in economic damage caused by SARS, Dr Nicholls says he’s proud that his work in identifying the virus will have a lasting effect on the world.

“It was good working as a group, realising that success does come from a team effort. It was also good to know that what you were doing was, in some way, of use to mankind as a whole,” he says. ■

Story David Ellis

Making their Mark

Ms Barbara Gare: BSc 1989, BSc (Hons) 1990, MBA 1999

Ms Barbara Gare is the Director of the South Australian Business Ambassadors Network (SABAN), a network of prominent business leaders around the globe who have been invited by the Premier of South Australia to be Business Ambassadors for the State.

In this role, Ms Gare works closely with Business Ambassadors to encourage investment in South Australia, greater importing and exporting activity by South Australian businesses, business migration and other activities of economic benefit to South Australia.

She has an MBA from the University of Adelaide, undertaken as the 1998 recipient of the Guy Lloyd MBA Scholarship. She also has an Honours Bachelor



of Science in Geology from the University of Adelaide, and has studied Mandarin Chinese, German, Spanish and International Studies as part of a Bachelor of Arts.

Previously, Ms Gare worked for more than seven years with TRC Mathematical Modelling at the

University of Adelaide, and she maintains her ties with the Faculty of Engineering, Computer and Mathematical Sciences by lecturing in a third-year subject for Computer Science students. Prior to this role, Ms Gare worked for five years as a geophysicist in the oil and gas industry.

Ms Gare is a Fellow of the Governor's Leadership Foundation (2001) and the inaugural Chair of the GLF Network of Fellows Executive Committee (2002 – 2003). She is also the immediate past President of the University of Adelaide's MBA Alumni Association. She remains active on the Executive Committees of both of these organisations. She is also a Trustee of South Australian Business Vision 2010.

Mr Jamie McPhee: B Eng (Hons) 1987, MBA 2000

A Civil Engineer and MBA graduate from the University of Adelaide, Mr Jamie McPhee is Chief General Manager Banking Operations for Adelaide Bank, which includes distribution, business banking, products, marketing and processing.

He was appointed to the position in early 2003 after spending all his early working life in the treasury side of financial institutions.

He began work in the dealing room with Wallace Smith Trust Company in London, spending two years there before returning to Adelaide and joining the old Co-operative Building Society of South Australia (the forerunner to Adelaide Bank) as a Money Market Dealer in its Treasury.



He was appointed Chief Manager of Treasury at the time of the merger between the Co-op and the Hindmarsh Adelaide Building Society in January 1992 and in 1993 he was appointed to the organisation's Executive Committee.

With bank conversion on January 1, 1994, the role of Treasury expanded to include wholesale fund raising and Mr McPhee played a leading role in the successful raising of wholesale funds both in Australia and off-shore.

In 1996 he was appointed as General Manager Interstate Operations and one year later as General Manager of Wholesale Operations.

Mr McPhee was then appointed to oversee Interstate Lending, which today represents more than 75% of the Bank's lending business.

In 2002, he became Chief General Manager of Lending, overseeing all lending operations, both within South Australia and interstate.

Malaysian graduates to mentor students



Malaysian graduates inspired by their own education from the University of Adelaide are giving something back – to underprivileged children.

The West Malaysian chapter of the University of Adelaide alumni is running its own Education Outreach Program, aimed at providing opportunities to those less fortunate.

“The alumni of the University of Adelaide want to contribute in some way to our local community, and at the same time engage the community in what we’re doing,” says Mathew Thomas Philip, an Adelaide Law graduate and former president of the West Malaysian chapter.

“Our program is educational based, because the common theme we see is that education has provided us with opportunities.”

Those that stand to benefit from the alumni’s generosity include the children of drug addicts and prostitutes. Although these children might finish high school, they are much less likely to receive a tertiary education because of a lack of funding and support.

“The difficulty arises in providing support and encouragement for those people to break the barrier — for those who say, ‘yes, I want to do something more, but I don’t know how to do it’,” Mr Thomas Philip says.

“What we are doing is concentrating

on individuals who show some kind of promise. We’re looking to target young people who are close to finishing their high school.”

Alumni involved in the program have already spoken with a number of young students who are succeeding at school but have no further educational prospects.

“We get a general feeling of helplessness — they would like to take their studies further, but don’t have the money or support to do it. They feel there’s no point in making a good effort in their exams, because if they get a good result they can’t see what’s going to happen to them after that. This is where we can help.”

The program aims to match young people with mentors suited to particular study options and careers they wish to pursue. The program will start with one or two students this year as a pilot for the years to come.

As a partner in a law firm, Mr Thomas Philip is in a good position to mentor a young person in law.

“I’ve already picked out one person who’s interested in doing law. This guy is quite mature. He’s 17 years old, living at a shelter, and he’s thinking: ‘what’s going to happen to me?’ It

now becomes my responsibility to mentor that person and to see him through.

“From my perspective I can help, because the moment they are in first year they can come and work for my firm, do an attachment, which earns them the extra income they need to see them through university,” he says.

“We hope to apply the same model to anybody else who wants to follow a particular path. We want to draw on the variety of professions in the alumni.”

People who have nothing to do with the Adelaide alumni can also get involved, Mr Thomas Philip says.

In addition to mentoring, the Education Outreach Program provides specific benefits to children in need. Earlier this year, West Malaysian alumni donated four guitars to underprivileged children.

“Providing guitars that children need to learn to play music, or a computer that will help educate children at a school, these are small ways of helping, but they can make a difference to children’s lives,” Mr Thomas Philip says. ■

Story David Ellis



Climb every mountain

For Duncan Chessell, Mount Everest lies between North Terrace and Rundle Street.

North Terrace means the University of Adelaide, where Chessell graduated Bachelor of Science in 1996. Rundle Street means where Chessell's business, DCXP Mountain Journeys, began operating in 2002.

And in between these two events is the world's tallest peak, Mount Everest, which in 2001 Chessell became the first South Australian to climb successfully.

By his own admission, Chessell wasn't the archetypal university student. He started in Engineering in the late 1980s but transferred into Science to pursue his interest in geology.

With his escalating interest in mountain climbing coinciding with his university studies, a three-year degree stretched out to last seven years.

"It wasn't like I was a bad student who failed everything!" he says. "I was becoming very passionate about my climbing and wanted to

travel constantly to do it, so I had to work quite a bit part-time to raise the money necessary — which put studying a bit lower down on the list.

"But I kept going and finally graduated in 1996, and was lucky enough to get a job as a geologist up in Moomba, which continued to help fund my passion for climbing."

The connection with Adelaide didn't stop after he graduated — his wife, Jo Arnold, also has a PhD in Geology from the University!

In 2001, Chessell became the first South Australian to scale Mount Everest.

"It took a week or so to actually sink in," he says. "It wasn't until I was actually back in Kathmandu and went to the famous Rumdoodle restaurant where there is a wall with signatures of Sir Ed Hillary, Reinhold Messner, Rob Hall and all the Everest summiteers.

"I stepped up and put my pen to the wall and the whole bar cheered

and clapped — then I thought, 'hey, it must have really happened!'"

Since his return he has turned his attention more towards the corporate world, becoming an accomplished public and motivational speaker and now with his DCXP business.

DCXP offers climbing and trekking journeys in all seven continents with a focus on individual and team building.

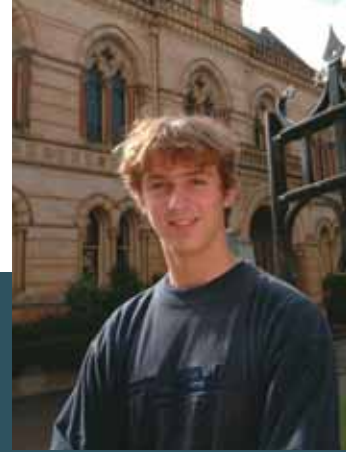
"I have found that the principles needed for a successful climb are similar to those needed in the business world, things like working as a team, planning and preparation, and leadership," he said.

"For example, one of our programs involves taking business leaders for a 12-day trek along the Kokoda Track in Papua New Guinea — many of the CEOs and other business leaders who have been on this found it a challenging, but ultimately rewarding development program which helped them to run their organisations." ■

Story Ben Osborne



*Duncan Chessell
photos courtesy Duncan Chessell
www.dcxp.com*



'A BIG SMILE INSIDE'

Confidence, diverse interests and an inherent ability to succeed aptly describe the 2004 recipients of the Vice-Chancellor's Scholarships.

A product of Glenunga International High School, Ashlea Bartram has commenced a Bachelor of Psychology (Honours) program. She hopes to become involved in organisational or clinical psychology and undertake postgraduate studies in these areas.

The son of missionary parents in Thailand, and educated at the Hebron School in India, aspiring inventor Nathan Hall has begun a Bachelor of Science (Optics and Photonics) program. He is keen to pursue research in the area of guided missiles and laser technology in military equipment.

Winning the scholarship has removed a huge financial hurdle for both. Ashlea was so thrilled about the scholarship she began to sing.

"I started to get excited when my Dad and I picked up an A4 envelope at the mail box and my first response was the University would not send a 'rejection' letter in a large envelope.

"On opening it and realising I had won the scholarship worth \$5,000 per year, I burst into song: 'no HECS debt for me-ee', 'no HECS debt for me-ee'. I then wasted no time completing the relevant forms," she said.

For Nathan Hall, winning the scholarship means he will not have to go looking for a part-time job. "I was both surprised and extremely happy when I received the news. It felt like I had a big smile inside," he said.

A staunch Australian cricket fan, Nathan lists alternative energy systems, laser technology and 20th century history among his major interests. He is also involved in his church cell group.

Ashlea loves to read and spend time discussing books with friends and random strangers on the internet. ■

Story **Howard Salkow**

Advertisement

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ADELAIDE GRADUATE SCHOOL OF BUSINESS
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Meteoric rise from Quorn to The Hague



While growing up in Quorn, a tiny South Australian town with a population of 1400, 345 km north of Adelaide, it never occurred to Michelle Jarvis that through her chosen vocation of International Law she would move to the Netherlands to prosecute some of the worst atrocities committed in Europe since World War II.

In fact, her career path was influenced by some of her high school teachers in Quorn and Port Augusta who encouraged her to study law. Today, these teachers are deriving great pleasure following her meteoric rise in the International Criminal Tribunal for the Former Yugoslavia (ICTY) in The Hague, where she is currently based.

The ICTY was established by the United Nations Security Council in 1993 in the face of the serious violations of international humanitarian law committed in the territory of the former Yugoslavia since 1991, and as a response to the threat to international peace and security posed by the violations.

An Economics and Law graduate, Ms Jarvis was first introduced to the ICTY as an Intern in July 1997 where she served in the Office of the Prosecutor until December of that year. She returned in October 2000 and expects to remain in The Hague for the foreseeable future.

“Longevity here at the Tribunal is a lifestyle decision. Some people come and experience the work for just a year or so. Some have been here for five, while others have been here since the creation of the Tribunal in 1993,” she said.

“I find the work exciting. It is

cutting edge; we are dealing with many legal issues that have never before been thoroughly explored. Coming from an International Law background, I am finding the work extremely stimulating.”

Her rapid progression at the ICTY has added to the excitement. On her return, she was appointed an Associate Legal Officer working with the respected Judge Patricia Wald; she was then promoted to Legal Officer and is now in the Appeals Section of the Office of the Prosecutor working as an Appeals Counsel.

In her current position, she drafts appellate briefs, motions and responses; assists in the preparation of cases for hearing and the formulation of litigation strategy and presents oral arguments for the Prosecution in appeal hearings.

For most, including Ms Jarvis, the trial that has captured everyone’s attention is that of former Yugoslav leader Slobodan Milosevic.

“Milosevic has chosen to defend himself. He has refused legal representation, so this puts an interesting light on the proceedings,” she said.

“He has also made his attitude clear toward the court. He does not believe it is a fair process and he maintains that the court is biased. This has

Above: Michelle Jarvis (centre) with fellow University of Adelaide interns Yasmine Ahmed and Hannah Tonkin

influenced how he has handled himself in court from the outset. This has also presented challenges for the Tribunal.”

Ms Jarvis said most cases that come to the Tribunal end up on appeal and the Milosevic trial is predicted to follow the same route.

“The nature of the trial is of great interest to the world at large and I never envisioned being involved in such proceedings. I think it is fair to say that no one really thought they would be involved in this.

“For a long time there weren’t courts of this kind, although we did have the Nuremberg Trials experience and the Tokyo tribunals following World War II,” Ms Jarvis said.

Ms Jarvis said people could be traumatised by some of the evidence. “The subject matter is distressing, but in dealing with it daily, you learn how to cope. But it does come back in little ways.”

Each day begins with a 10-minute bike ride to her offices, a small amount of time for reflection, for as she puts it, “What I am doing is enormously time consuming, the cases are huge and the days extend long into the night.” ■

Story Howard Salkow

Keyhole surgery pioneer drives Adelaide excellence



Returning to Adelaide was always going to be a challenge for Professor Hock-Lim Tan.

A medical graduate from the University of Adelaide in 1971, Professor Tan was forging a successful career in paediatric surgery in the UK when he decided to return to South Australia in 2001.

“A lot of my colleagues weren’t convinced I was making the smartest decision,” Professor Tan says. “I was going from one of the world’s busiest cities and best children’s hospitals back to Adelaide, which at the time did not have an international reputation as a centre of excellence for paediatric surgery.

“I knew that Adelaide had a great lifestyle from past experience, and that it had the potential to become a leading centre in paediatric surgery not only in Australia but in the South-East Asia region.”

In taking up the roles of Professor of Paediatric Surgery at the University of Adelaide and Director of the Department of Paediatric Surgery at the Women’s & Children’s Hospital, Professor Tan made the conscious decision not to compete against the larger paediatric institutions in the eastern states.

Instead, he sought to develop a niche, draw on his network of overseas colleagues and focus on his particular expertise, which is minimally invasive surgery — otherwise known as keyhole surgery.

Professor Tan is a pioneer and one of the leading international experts in this field in children.

While well established in adult surgery, it is still in its relative infancy in paediatric surgery and has only gained acceptance in the past few years. It allows surgeons to perform complex surgical procedures without



the need to make an incision. Many of the operations and instruments used in paediatric keyhole surgery today were in fact developed by Professor Tan.

Professor Tan wasted little time in drawing upon this expertise to develop a world-class paediatric surgery centre.

He developed a structured training program for advanced surgical trainees, and by the end of this year will have a dedicated state-of-the-art operating theatre, courtesy of the McGuinness-McDermott Foundation and the State Government — the first such theatre in a public institution in Australia and probably even the region. This has attracted some of the top surgeons to train under him.

A steady stream of leading paediatric surgeons from across the world have also visited the WCH's

Department of Paediatric Surgery as Visiting Professors.

And on top of all this, the Malaysian-born Professor Tan has recently been appointed as the President of the Australia-Malaysia Business Council where he will attempt to develop closer business and health services ties to Malaysia.

"I am happy that I have achieved some results in the time I have been back in Adelaide," Professor Tan says.

"My department now has an international profile, and we have an advanced Australian surgical trainee for the first time in many years. We have had surgeons from the UK, India and South America, and currently have a Philippino and Malaysian paediatric undergoing training with us.

"There is still much I would like

Professor Hock-Lim Tan: leading the way in paediatric keyhole surgery. Photo courtesy of The Women's and Children's Hospital.

to achieve here in Adelaide. I firmly believe Adelaide could be established as the main reference centre for paediatric surgery for South-East Asia, which means a potential population of some 600 million we could draw on.

"And although we are currently working on several clinical research projects, we don't have the funding to set up a proper research centre. We are investigating avenues of funding that would enable us to become a department that is well-rounded clinically, academically and in research." ■

A sense of justice: Lynn

In September last year, former South Australian premier Dr Lynn Arnold (BA 1973, BEd 1990, PhD 2003) was appointed vice-president, Asia Pacific Region for World Vision International, based in Bangkok. He talked to Howard Salkow about his new role.

QA

Q1

Will you be travelling extensively?

A1

The Asia-Pacific region for World Vision International stretches in a fan-like shape from Nepal, India and Sri Lanka in the west to Mongolia, North Korea, and Japan in the north, and then reaches down into the Pacific to Papua New Guinea, the Solomons and Vanuatu. World Vision International is involved in 18 countries in that area and raises money in a further six and I will need to visit all these countries at least once a year. My role is to ensure that the work of World Vision International is as effective as possible.

Q2

Is an objective to ensure better treatment for children?

A2

We are a child-focused agency. Some 750,000 children are directly involved in our sponsorship program in the Asia-Pacific region, but the reality is that we actually assist many more children in this area. Our work is focused on helping whole communities transform their lives. In working with governments, a key area

for us is advocacy on behalf of and alongside of children.

Q3

How would you respond to the question: "Why would you want to have children in today's troubled world?"

A3

The world is as troubled as humanity lets it be. We can make a difference if we want to. I have seen many powerful examples of changed lives for children and their communities.

Q4

How do you plan to counter the spread of HIV/AIDS?

A4

This is a major area of work for me as the reality is that, despite official figures, the epicentre for the pandemic of HIV/AIDS has already moved to Asia. I have the responsibility to encourage World Vision International's advocacy to governments and regional entities to recognise the seriousness of the situation and to indicate the types of programs that can be done not only to mitigate the effects, but actually reduce the incidence.

Q5

Did growing up in Apartheid South Africa have an impact on your life?

A5

We left South Africa when I was four as my parents did not want to bring their children up in the type of society that was being encouraged by the government of the day. Both my parents have a keen sense of justice and the right for all to have equal opportunity; so their upbringing of my sister and I was an important element in the types of attitudes we developed towards the underprivileged and disempowered.

Q6

You have lived in South Africa, Canada, New Zealand, Australia, Spain and now Bangkok. Has this varied experience assisted you?

A6

I have been fortunate. Not only did it give me an appreciation of living in different contexts, it also honed my capacity to adapt to change. I attended eight different primary schools and although I loved the experience, I had to learn to land on my feet quickly each time.

Arnold and World Vision



Q7

How has your vast political experience assisted you?

A7

The experiences and opportunities I had in working within government and in consulting with other governments (both Australian and international) gave me a wealth of experience, which I am able to share with my colleagues within WV. The Asia/Pacific

region has an enormous diversity of governmental situations, and that is a challenge; but one to which I think I can bring something.

Q8

What do you hope to achieve in the next five years?

A8

In association with other non-governmental organisations, I hope

to achieve significant reductions in child-trafficking within five years and the way towards its elimination; all governments of the region will be openly dealing with HIV/AIDS and that the governments and NGOs will significantly increase their work to meet the needs of the poor.

Above: Dr Lynn Arnold—helping communities transform their lives



STRATEGIC ALLIANCE BUILDS ON LONG

The University of Adelaide has signed a strategic research agreement to extend and enhance collaboration with the Defence Science and Technology Organisation (DSTO).

The strategic alliance was signed in March this year as a follow-up to the establishment of a Chair in Photonics and a Chair in Microwave Radar at the University in 2003.

DSTO is an integral part of Australia's Defence Organisation (ADO) and ensures the expert, impartial and innovative application of science and technology to the defence of Australia and its national interests.

DSTO works closely with the private sector to equip industry to meet the requirements

of the ADO and contribute to national wealth creation. Among its achievements are the Jindalee Operational Radar Network (which provides broad area surveillance of Australia's northern approaches), the Barra sonobuoy (used by Australia and the UK to detect submarines) and composite bonded repair technology for aircraft, which has saved the Australian Defence Force (ADF) more than \$150 million and earned millions in exports for Australia.

DSTO's strategic alliance with the University builds on this history of

partnerships with science and technology organisations across the globe.

"The agreement formally recognises existing links and forms a framework for increased co-operation in the future," University of Adelaide Vice-Chancellor Professor James McWha said.

"All University faculties are actively engaged with DSTO in several forms including contract research and consulting; partners in Co-operative Research Centres; adjunct appointments for DSTO staff; research training for DSTO



ASSOCIATION

staff, and Masters coursework for DSTO staff as part of the Continuing Education Initiative," Professor McWha said.

He added that the research agreements would lead to an improved national engineering and research base in Photonics and Microwave Radar that will be critical to future major acquisition programs for the ADF.

The University's relationship with DSTO is further extended into the area of human decision-making with DSTO funding the appointment of Dr Michael Lee as a Senior Research Fellow in Cognitive Psychology within the University's Department of Psychology. This is a five-year contract.

"DSTO is interested in individual differences in decision-making, as well as how groups or teams make decisions.

Opposite page: Flying 'virtual choppers' in DSTO's Synthetic Environment Research Facility (SERF). Above: DSTO researchers working in DSTO's Future Operations Centre Analysis Laboratory (FOCAL). Photos courtesy of DSTO.

"We have studies lined up to look at how and why group decision-making is different from that made by individuals in a variety of decision-making environments," Dr Lee said.

The study will also look at what incentives and feedback are best used to optimise team performance.

Dr Lee said technological advances have opened up many more lines of communication in the Defence Force and more people are gaining access to information.

"This is a potentially good thing as it can remove decision-making bottlenecks. But it also makes it important to be able to

provide people with a lot of information in ways they can understand accurately and effortlessly."

Dr Lee and his team will be working on these and other human decision-making problems, in collaboration with DSTO scientists, in a research program that extends over the next five years.

A University of Adelaide graduate, Dr Lee won the 1999 DSTO Technology Base Award for the "best fundamental research contribution" within the Electronics and Surveillance Research Laboratory, and recently was the first Australian to win the New Investigator Award of the US Society for Mathematical Psychology. ■
Story Howard Salkow

Reunions

a chance to celebrate and remember



'Hard work, outstanding teachers and the making of life-long friendships.'

This phrase is repeated in the many biographies sent in by graduates for their reunion booklet.

Reunion events provide an opportunity to remember your University experience in all its facets, whether it be the long hours of study, the nerves before exams, the stimulating discussions in tutorials or the campus culture and community that rounded out this unique experience.

"It was a very happy occasion, with the pleasure of meeting again many people, medical and otherwise, whom I've seen little of over the last half century." (Peter Last, MBBS 1952)

Since 1986 the Alumni Association has provided a wonderful opportunity for alumni to return to their alma mater to celebrate 50 years of being a graduate of the University of Adelaide. These Golden Jubilee celebrations are held once a year to not only welcome our alumni back to the University of Adelaide but also to recognise the significant contribution that our graduates have made and continue to make to our communities both locally and globally. The Golden Jubilee for graduates of 1954 is being held on 1 October 2004 commencing with a formal commemoration ceremony and

followed by a group photograph and a reunion luncheon.

"I know that it helped to enrich the whole experience and make it an occasion close to the heart." (Geoff Nottle, Dip Arts & Ed 1953)

Having noted that 50 years was a long time to catch up with fellow graduates, last year marked the inaugural 30-year reunion dinner. Graduates from 1972 and 1973 travelled from interstate and overseas to attend this function.

"Not only did it remind me of the very enjoyable years I spent at Adelaide Uni but it also provoked in me a reminder of the importance of such institutions to the present and future wellbeing of our community. It made me very mindful of the potential for the University of Adelaide to assist future generations and contribute to Australia as a whole." (Neil Lawson, B Ec 1972)

The 30-year reunion dinner for graduates of 1974 will be held on 11 September 2004 at the University of Adelaide's North Terrace campus. This year we also celebrate the introduction of the 20-year reunion for graduates of 1984 to be held on 14 August 2004. Reunion booklets comprising biographies and photographs of graduates from each reunion year are

prepared as a memento of the occasion and include wonderful memories and reflections of time spent at the University of Adelaide.

These booklets can be viewed on the University's website at www.adelaide.edu.au/alumni/reunions/

University of Adelaide staff, both former and current and both general and academic, who contributed to the life of the University during the early 1950s, 1970s and 1980s and who would like to rekindle these memories with fellow staff and graduates are also encouraged to attend the reunions.

The reunions program continues to evolve with proposed 10-year and 40-year reunions in the planning phase. ■

Story Kim McBride

Further information on the Reunions Program can be obtained from Ms Kim McBride at +61 8 8303 3196 or kim.mcbride@adelaide.edu.au

Additional information, including missing lists for this year's reunions, can be found at

www.adelaide.edu.au/alumni/reunions/

20-Year Reunion	14 August 2004
30-Year Reunion	11 September 2004
50-Year Golden Jubilee	1 October 2004

Learning from the experience of others

The Commerce Chapter recently received an email forwarded by the Alumni, Community Relations and Development office. It was from a graduate of the University living in Canada.

The email explained how a close relative in Adelaide was undertaking a postgraduate course at the University and was looking for assistance with some of the topics covered in the course. Repeated attempts by the student to find a tutor had come to no avail so the relative in Canada sent an email to the Alumni Association seeking assistance. Within half an hour of receiving the email, the Commerce Chapter had found an appropriate tutor. Although there is nothing particularly unique about this story, it highlights the value of networks and the alumni as a community. It also reflects what the Commerce Chapter is all about.

The Commerce Chapter was launched in October 2002. With the School of Commerce celebrating its 10-year anniversary in 2003 the chapter is one of the Association's youngest on a number of levels. It currently has in excess of 200 registered members, and it is anticipated that this number will continue to grow. The Chapter's website, which is sponsored by Deloitte, is the hub of the Chapter. It incorporates a searchable database of business contacts, and an online forum for discussing issues and sharing ideas. The Chapter offers members a range of tangible benefits including access to member prices when attending events hosted by professional organisations such as the Australian Marketing Institute. The real value of the Chapter, however, is the opportunity to develop relationships through networking and the sharing of experiences and ideas.

Learning from the experiences of others is a key objective of the Chapter's "Meet the Chairman Seminars". These events provide alumni, including current students and staff, with the opportunity to meet successful professionals and to hear their personal story. Mr Stefan Ahrens, Managing Director of Ahrens Engineering and South Australia's Young Entrepreneur of the Year 2004, recently presented his own story about how he turned a small family business into one of the nation's fastest growing companies and some of the challenges faced in the process.



Above from left to right: Commerce Chapter committee members Michael Hua, Ryan Both, Janica Lewis, Chris Medlin, Joe Barry (standing) and Llewellyn Jones, Sri Yorkkaew, Alex Brown, Mikey Lee (seated). Absent: Cheryl Wenham



Left: Carly McDonald being awarded the scholarship by Alex Brown, 2004 Chapter President (left) and Robert Di Monte, Office Managing Partner of Deloitte Touche Tohmatsu.

The Chapter is also working to build closer relationships between local and international students through a series of informal networking sessions. These sessions will not only provide an opportunity for students to get to know each other, and from that develop long-term relationships, it is also hoped these relationships may, in years to come, provide a catalyst for international business.

The Chapter is also supporting the education of Commerce students through the Commerce Alumni Chapter and Deloitte Scholarship for Excellence and Leadership. The scholarship, which is awarded annually, provides \$5000 towards further study through the School of Commerce. The inaugural winner, Carly McDonald, is currently finishing a Bachelor of Commerce, and will

use the scholarship to begin a Masters in Marketing.

Through its activities, the Chapter hopes to create a community of professionals who are keen to build relationships, share ideas and experiences, and assist each other. While this may begin at a simple level as described in the introductory story, the potential benefits are unlimited.

With benefits for all types of members, whether they be undergraduates, recent graduates or established industry members, the Commerce Chapter represents a youthful and vibrant face of alumni that is actively working to make a difference within the South Australian business community. ■

Story Alex Brown

Chapter website: www.commerce.adelaide.edu.au/alumni

"Where Am I Now?"

1940s

Dr Basil Hetzel

(MBBS 1944, MD 1949): was one of the 15 Australians honoured as 'national living treasures' announced by The National Trust.

1950s

Malcolm Kinnaird AO

(BE 1959): was awarded the 2003 South Australian of the Year. The prestigious South Australian of the Year Award recognises a South Australian who has a consistent record of excellence and outstanding achievement while contributing in a significant way to South Australia.

1960s

Professor Margaret A Somerville

(AuA (Pharm) 1963): chosen as the first winner of the Avicenna Prize for Ethics in Science by UNESCO.

1970s

Brian Croser AO

(B Ag Sc 1971): named *Decanter* magazine's Man of the Year. The prestigious international honour recognises three decades of achievement with Petaluma and Mr Croser's commitment to improving the quality of wines from the Clare, Coonawarra and Adelaide Hills regions.

Datuk Joseph Pairin Kitingan

(LLB 1970): appointed Deputy Chief Minister and Rural Development Minister within the Sabah Cabinet in Malaysia.

Datuk Adenan Haji Satem

(LLB 1970): appointed Natural Resources and Environment Minister in the Federal Government in Kuala Lumpur.

1980s

Christine Adamson SC

(LLB 1986): was appointed senior counsel at the NSW Bar in October 2003. Christine graduated in law with first class honours, winning the Stow Medal in 1985. She was the youngest senior counsel appointed last year and is one of fewer than a dozen women who received that honour among more than 27 senior counsel in NSW. She now practices in Blackstone Chambers.

Tom Blackburn SC

(LLB 1984): was appointed senior counsel at the NSW Bar in October 2003. He now practices in Blackstone Chambers.

Professor Yau Kai Cheung

(DE 1982): awarded the Silver Bauhinia Star Medal for his long time service to the community, and for his contribution to raising the standard of engineering. Also awarded the Medal of Excellence in Engineering Education by the World Federation of Engineering Organisations.

1990s

Dr Anna Chur-Hansen

(BA 1984, BA (Hons) 1985, PhD (Med) 1999): awarded the 2003 Stephen Cole the Elder Prize for Excellence in Teaching.

Greg Siegele

(LLB 1991, BEc 1991) and

Richard Harrison

(BSc 1991): co-founders of Ratbag, won the Best Game category in the Australian Interactive Media Association Awards.

Dr Mark Werner

(PhD 1993, BSc 1986, BEd 1989): appointed Argentier National, Bailliage National d'Australie, Confrérie de la Chaîne des Rôtisseurs; and appointed Grand Steward, Grand Lodge of Antient, Free and Accepted Masons of South Australia and Northern Territory.

2000s

Scott Ayer

(BE (Elect), MBA 2001): appointed as a delivery president of a global outsourcing division for US multinational, EDS.

Elissa Y Corlett

(BSc 2000, BSc (Hons) 2001): received the John Kirby Road Safety Trust Award.

Jonathon Hutton

(B Health Sc (Hons) 2002): winner of the 2003 Young Investigator Award.

Phillip Killicoat

(BEc, BA(Int St) 2002): received the Rhodes Scholarship to study in Oxford.

Jennifer Lovell

(B Com (Acc) 2003): named South Australian CA Global Achiever by the Institute of Chartered Accountants in Australia (ICAA).

Philip Sims

(Graduate Certificate in Management 2003): appointed Chief Executive Officer, Robern Menz (Mfg) Pty Ltd.

Rachel Swift

(BSc (Mol Biol) 2002, BSc (Hons) 2003): received a Rhodes Scholarship to study at Oxford in 2004.

Erin Symonds

(BSc 98, BSc(Hons) 99, PhD(Bio Sc) 03): awarded *The Advertiser* Channel 9 2004 Young Achiever of the Year award.

The University of Adelaide takes a keen interest in its graduates and is interested in finding out what alumni are doing. Send your news to:

Alumni, Community Relations and Development

Level 1, 230 North Terrace
The University of Adelaide
SA 5005, Australia

Email: alumni@adelaide.edu.au

Alumni gallery



Above:
Michael Hua, Verna Blewett and Robert Penhall attended End of Year Gathering of Benefactors and Friends in December 2003.

Right:
(from left) Professor John Taplin, Dr Cheong Choong Kong, Anne Gribbin, Greg Crafter and David Goh during offshore graduations visit in Singapore.

Below:
Dr Tony Tan Keng Yam, Deputy Prime Minister of Singapore, at the University of Adelaide's annual offshore ceremony, held in March at the Teocheew Building, Singapore.



Above:
Dr Said Al-Sarawi, pictured here with his family, was presented with the prestigious Postgraduate Alumni University Medal as part of the December graduations.

Below:
Barbara Hardy and Dr Peter Gill attended End of Year Gathering of Benefactors and Friends in December 2003.



Alumni Program June - December 2004

DATE	PROGRAM	ORGANISED BY
June	Alumni Association Annual General Meeting and Annual Alumni Dinner	Alumni, Community Relations & Development office (ACRD)
	MBA Alumni Chapter – Guest Speaker Series: “The Business of Sport in SA”	MBA Alumni Association
	Friends of the University of Adelaide Library Chapter – Author and scholar events series presents – “The Three ‘R’s: Recipes, Research and Writing”, by Dr Barbara Santich	Library Chapter
July	Melbourne Network: Wine Tasting Evening	Melbourne Network
	MBA Alumni Chapter – Professional Development 2-Day Course: “Managing Technology Innovation”, presented by Dr Catherine Banbury, St Mary’s College, California	MBA Alumni Association
	Deadline for applications for Mutual Community Postgraduate Travel Grants	ACRD
	MBA Alumni Chapter – Guest Speaker Series: “The Role of Organisational Politics in Driving Change”, presented by Professor Dave Buchanan, de Montfort University	MBA Alumni Association
	Alumni Board and Combined Chapters Meeting	ACRD
	Deadline for AUIAC 2004 Travel Grants	ACRD
West Malaysia Chapter – 10-Year Reunion	West Malaysia Chapter	
August	Graduations: Presentation of Honours Alumni University Medal	ACRD
	Cornell Chapter – Theatre Guild Performance and Supper – <i>Twelfth Night</i>	Cornell Chapter
	University of Adelaide Open Day	The University of Adelaide
	20-Year Reunion for Graduates of 1984	ACRD
	Friends of the University of Adelaide Library Chapter – Author and scholar events series presents – world best-selling South Australian speculative fiction author Sean Williams	Library Chapter
	The Roseworthy Old Collegians Association – Launch of the Roseworthy Campus and Student Fund	ROCA
	Combined Chapters Meeting	ACRD
	Commerce Chapter: Marketing Event	Commerce Chapter
September	30-Year Reunion for Graduates of 1974	ACRD
	John Bray Oration	John Bray Law Chapter
	MBA Alumni Chapter: Life Impact: Confessions of an Alumnus – Panel of Prestigious Alumni	MBA Alumni Association
	Alumni Board Meeting	ACRD
October	Golden Jubilee – 50-Year Reunion for Graduates of 1954	ACRD
	MBA Alumni Chapter – Professional Development 1-Day Workshop: “Chalk & Cheese, Corporate Governance & Entrepreneurship”, presented by Mr Mark Coleman, AGSB & Professor Noel Lindsay, Centre for the Development of Entrepreneurs, UniSA	MBA Alumni Association
	The Roseworthy Old Collegians Association AGM and Reunion Dinner	ROCA
November	Combined Alumni Board and Chapters Meeting	ACRD
	Cornell Chapter – Annual Dinner	Cornell Chapter
December	Graduations: Presentation of Postgraduate Alumni University Medal	ACRD
	Australian University International Alumni Convention (AUIAC) 2004, Hong Kong	AUIAC
	Commerce Chapter: Annual General Meeting	Commerce Chapter

Further information on the above program or chapter events can be obtained from our website at www.adelaide.edu.au/alumni which is updated weekly, through AdelaideE-Link (e-newsletter), or from the Alumni, Community Relations and Development (ACRD) office at +61 8 8303 5800

OFFICIAL UNIVERSITY MERCHANDISE

www.adelaide.edu.au/alumni/merchandise



Coffee Mug Gloss red or matt blue
Travel Mug Stainless steel with spill-proof sliding tab



Graduation Bear Graduation bear comes complete with a hood to match your degree



Champagne Flute 170ml
Wine Glass 245ml
Hi Ball Glass 290ml
All beautifully detailed with etched look logo



Matt silver **Champagne Stopper** detailed with engraved logo
Shiny silver **Wine Stopper** detailed with engraved crest



University Tie navy with multiple full colour crests



Cufflinks Elegant design with engraved crest on each piece



Round Metal Key Ring featuring full colour crest on cream background
Executive style Silver Key Ring featuring etched look logo



Lanyard 10mm embroidered lanyard with swivel clip to attach keys or access card securely around your neck



Pen Well constructed and attractive casing contrasts well with gold print. Blue ink.



Lapel Pin Choose from the classic crest or the new round design



Car Sticker Full colour crest and white text on clear background




Desk **Business Card Holder**
Desk Clock
Letter Opener
Redwood **Paperweight**



Pocket **Business Card Holder** Matt silver lid provides a striking contrast with shiny case and etched look logo



Umbrellas executive 24", navy, University of Adelaide logo



You can make a difference

"I contribute to the University in many different ways, in part as thanks for my education, and mostly, because who knows what greatness will arise when others are given the opportunity."

Dr Derek Rogers is a leader in Information and Communications Technologies, and Science and Technology Commercialisation, with significant Australian and international experience. In May 2003, he completed his fourth degree with components from the University of Texas at Austin, receiving a special leadership award for this degree — the first person not from the US to receive this rare award.

Dr Rogers supports the University in many ways, including student scholarships, the Barr Smith Library appeals, and medical research. He also volunteers his time in presenting seminars and guest lectures, supervising postgraduate students, and in various advisory roles.

He contributes because he believes in the value of the University of Adelaide and the need to invest in the future.



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For more information about giving to the University of Adelaide, contact **Elaine Baker, Senior Development Officer, Alumni, Community Relations & Development** +61 8 8303 5800 or email: development@adelaide.edu.au



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