

Lumen

INSIDE:

Bio-city

Habitat centre a world first

Successful Scholars

Adelaide's achievers

Interview: James Crawford

The challenge of international law

Family Connections

University links across the generations

Dolphin Tech

tracking our Port River beauties

GLOBAL RELATIONSHIPS - INTERNATIONAL EVENTS



Later in the year, the University of Adelaide will take over the National Wine Centre in the heart of Adelaide, under an agreement with the Government of South Australia. This wonderful building will be the focus for a renewed effort of reaching out to the community and to industry. It will also offer us the opportunity to grow our teaching in areas related to wine where we already have 700 students studying.

It will help the State and the University of Adelaide to strengthen our international profile and national dominance in wine education, as well as bringing significant opportunities for enhanced partnership with the Australian wine industry.

Working with others is vital for the University. Our ongoing strength and ability to serve the community depend on a network of mutually beneficial partnerships. This issue of *Lumen* looks at several fine examples of partnerships at local, national and international levels—among them the Flinders-Baudin Research Centre on Kangaroo Island, the world-first Centre for Urban Habitats, and the new Institute of International Business, Economics and Law.

On a global scale, I am reminded of the unique partnerships this university has with some of its Asian neighbours. The benefits gained from providing more than 50 years of education to Malaysian and Singaporean students, for example, are much more than economic. They are cultural and social and they improve our society just as the education and experience those students gained in Australia has helped to improve theirs. A clear case in point is the distinguished Malaysian paediatrician Dr Sam Abraham, who is profiled in this issue.

In all that we do, we naturally look for means by which the University of Adelaide can benefit. However, universities everywhere must also contribute to the wider society in which they exist, and to the wider world. This issue of *Lumen* shows the many ways in which the University of Adelaide is doing its part to build effective partnerships for a better world and to produce graduates who will be committed citizens of that world.

PROFESSOR JAMES A. McWHA

Vice-Chancellor and President

lumen contents

W I N T E R 2 0 0 3



2 Port River beauties

Adelaide's bottle-nose dolphin population—and the university's work to ensure their survival.

FEATURE STORY



14 Rich island history

The new Flinders-Baudin research centre on Kangaroo Island nears completion.



6 Red Cross challenge

Letitia Anderson's passion for international law takes her to Geneva.



16 Successful scholars

Winning a scholarship can make the world of difference for many students, as these diverse examples show.



7 International law: an interview

The career of Adelaide graduate James Crawford has taken him to the top in international law.



22 Historically speaking

- Economics turns 100.
- We look at the man behind Bonython Hall.



9 World trade thrust

The WTO's Andrew Stoler makes Adelaide his home to boost the state's reputation for international business expertise.



24 Silicon Vineyard

How one graduate is working to attract the best of the best to Adelaide.



10 Making a difference in health

- Sam Abraham expands options for disabled children.
- Repromed makes pregnancy possible for many couples.



25 Still value

The Angove's Still House is a new addition to the University of Adelaide's superb wine science facilities.



13 Bio-city

A world-first urban habitat centre will build Adelaide's reputation as a "bio-city".



26 Family ties

Two very different families show the ties that bind to the university.

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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Dolphin



Tech:

TRACKING OUR PORT RIVER BEAUTIES

Few cities in the world can match Adelaide's close relationship with its bottlenose dolphin population.

There are about 40 resident dolphins, plus several hundred others who visit with varying frequency across a 150km² area of the Port River region in the city's north-west.

They are a popular and much-loved component of Adelaide's urban biodiversity, with such dolphins as Billie (probably the best-known dolphin, most famous for her antics swimming with racehorses) and Sparkle (whose mother was tragically shot and killed in 1998) being popular with locals and visitors alike.

Having a dolphin population in such proximity to a major city also brings its own set of problems, however.

The river is literally on the doorstep of many houses, as well as serving as a major industrial area for large businesses including the Torrens Island Power Station.

Pollution from these sources is of major concern, as well as fishing. Due to the river's rich nutrients, it is home to an abundance of fish, which attracts not only the dolphins but human fishers—and their nets.

With the dolphins' long-term survival at stake, the South Australian Government plans to turn the area into a sanctuary to try to keep the dolphins' environment as clean and safe as possible.

Helping with these plans are students from the University of Adelaide, who have been using new research methods to better understand the dolphin population: its age, characteristics, behaviours and movements.

The three students—Camille Harris, Bianca Barbaro and Rebecca Edwards—each used their dolphin research as the basis for their Graduate Diploma in Spatial Information Science, through the university's National Centre for Social Applications in GIS, known as GISCA.

GIS stands for Geographic Information Systems: very simply,

GIS are computer-based systems that enable the integration and analysis of a wide range of geographic or map-based information.

In the case of the University's dolphin research, this meant using specialised analysis techniques on information provided by South Australia's foremost dolphin authority, Dr Mike Bossley.

A former academic, Dr Bossley now heads the non-profit organisation, the Australian Dolphin Research Foundation. He approached GISCA with large amounts of data on the Port River dolphins, based on his many hours documenting the dolphins, where they were found, what they were doing, and how many there were.

The students' supervisor, GISCA education coordinator Dr Brett Bryan, said applying GIS to dolphin research had been a challenging but rewarding exercise.

"We were thrilled when Dr Bossley came to us. We've used GIS for a while to help identify patterns in human population and movement and this project was a chance for us to apply these techniques in a similar way for animals," Dr Bryan said.

"Certainly there have been very few GIS studies done worldwide into dolphin populations, and I think the students involved have responded really well to the challenge and come up with three valuable reports which decision-makers will regard highly."

Dr Bossley said the University of Adelaide research has helped highlight which areas of the Port River are used most, and what they are used for.

"Being able to analyse the data I have collected for the Australian Dolphin Research Foundation and give it extra meaning makes it a lot easier to provide the best sanctuary possible for the dolphins," Dr Bossley said.

"It emphasises the important underlying trends of how the dolphins use the area and how often they use it, and I believe it will be an indispensable tool for many years to come." ■

Story **Ben Osborne**



Research students Bianca Barbaro, Camille Harris and Rebecca Edwards
Photo Ben Osborne



Getting up close and personal with the Port River dolphins



Dolphin behaviours

Rebecca Edwards examined the different types of dolphin behaviours, and where they took place, for her research.

Using Dr Bossley's definitions of behaviour, she looked at where they occurred, and also whether different seasons (ie summer or winter) had any impact.

"I found there was a relationship between the type of behaviour and habitat for three out of the six different behaviours," she said.

"Fishing—which is diving or scanning an area in a deliberate motion—occurred in deep open water, with the highest concentration in the area's deep channel and protected estuaries.

"Transiting—which is moving in a defined direction at more than four knots per hour—occurred along the edges of habitats, particularly where the deep channel meets the estuary.

"Mating occurred primarily in open water, although dolphins usually mate in either open water or protected areas."

There were no clear associations for the other behaviours of musing (which is moving about with no defined purpose), resting and



playing—although resting appeared to take place mainly at the edge of the sand bank and also the Barker inlet.

Seasonal differences also appeared to make little difference to the behaviours and where they occurred.

More detailed GIS study would further help understanding of the dolphins' behaviour, Rebecca said.

"Resting may have something to do with tides, or the time of the day, and that's something which I didn't have the scope for in my study which needs to be investigated," she said.

"Using GIS has given us a taste of how and where dolphins behave, and there is a lot of potential for further study to give us even more understanding."

Home ranges

Bianca Barbaro used GIS to look primarily at the home ranges of the Port River dolphins by age. This includes the areas they use in their normal activities of food gathering, mating and caring for their young.

She found that dolphins use all parts of the estuary formed by the Port River and Barker Inlet, with an approximate home range of 64.6km².

"This is not to say that the dolphins spend equal amount of times in all areas—it's natural that they would spend more time in some areas than others," she said.

"The area where an animal spends most of its time is generally known as the core area. The core areas of the Port River dolphins were just north of Largs Bay, around Garden Island and the southern part of Torrens Island."

When broken down by age, Bianca's findings showed that subadults had the largest home range (71 km²), while female adults had a bigger home range than male adults (57.7 km² compared to 55.3km²).

The size of groups observed ranged from one to 20, with an average of 3.8 dolphins per group sighted.

"By using GIS, we now have an idea how the dolphins as a collective travel throughout the Port River area—this will prove valuable when trying to determine the best way to protect the dolphins and their habitat," Bianca said.

"The next step would ideally be to track the home ranges of some of the individual dolphins who reside permanently in the area, which would give us an even better indication of how they use the river."

Identified and unidentified dolphins

Camille Harris's study covered elements of both Rebecca's and Bianca's: she looked at patterns of behaviours, as well as their home ranges.

But it also incorporated other factors, most noticeably focusing on the distinction between identified and unidentified individual dolphins. Identified dolphins are assumed to be permanent residents of the Port River area.

"I approached my study with the idea that by looking at where significant behaviours were taking place as well as where their core home ranges were, then if they overlapped, serious consideration should be given to those overlapping areas being included in the proposed sanctuary," she said.

"When this was expanded to include whether the dolphins were known or unknown, the results were interesting.

"There were some types of behaviours that occurred in very similar regions for both groups, showing a high level of interaction between them. These included playing, mating and resting.

"The main difference was for fishing, or eating. The identified dolphins,



Dr Mike Bossley

or the resident population, tended to do this within the Port River/Barker Inlet area, whereas the unknown dolphins tended to do it at the mouth of the river area. This could be a result of the resident population being territorial over this area, which is a deep channel and known to have an abundance of fish."

A high number of sightings of dolphins within the Barker inlet, and areas around the Port River mouth, suggest these regions should be given consideration in the Government's proposed sanctuary, Camille said.

"This is especially important due to the high incidence in these areas of two of the most important behaviours for maintaining a dolphin's health and livelihood, mating and feeding," she said.

All photos courtesy of Dr Mike Bossley

Red Cross stint the chance of a lifetime

In the days leading up to the deadline to present her honours thesis, 2002 University of Adelaide law graduate Letitia Anderson believes she had to overcome her toughest mental challenge.

“With just two weeks left, my computer crashed and I lost all my files including my thesis on International Criminal Law and a 20-page bibliography. To compound matters, my back-up disc was in the hard drive and was corrupted,” she said.

“My first reaction was to withdraw from Honours. However, everyone said I should persevere and see it through. I followed the advice, re-inputted everything and with tears streaming down my face, I met the deadline and handed in my work.”

Overcoming what she termed a huge “test of character” paid off for a number of reasons.

Her paper achieved 92 percent and, more importantly, proved to be a critical tool in paving the way towards a 12-month stint with the International Committee of the Red Cross in Geneva, Switzerland, which began in February this year.

This is where Ms Laura Grenfell, a lecturer at the University of Adelaide Law School, and Dr Judith Gardam, the School’s Reader in International Law, enter the picture.

While creating an International and Human Rights Law Internship Program for the Law School, Ms Grenfell learned that the International Committee for the Red Cross in Geneva was recruiting interns. Thanks to Dr Gardam’s contacts within the Red Cross, Ms Grenfell was able to obtain the appropriate information.

“On learning that the Red Cross took interns, we advertised the internship program, as well as two other internship positions, to the international and human rights law students.



Letitia Anderson

“Ms Anderson was chosen for an interview for a number of reasons: her academic record, her outstanding honours thesis on international law which we forwarded to Geneva, her fluency in French and her community involvement,” Ms Grenfell explained.

The ensuing predominantly French telephone interview with Jean-Luc Blondel, Head of Policy and Co-ordination for the Red Cross, went off without a hitch. And as they say, the rest is history.

Ms Anderson said before leaving to start her February 10 appointment that “there had been limited time for deep reflection”.

“This all happened so quickly. Events have come and gone and I have not had the opportunity to sit back and reflect.

“I do know this is a once-in-a-lifetime opportunity ... and has the potential for all kinds of possibilities in the international arena,” she said.

After majoring in international law, Ms Anderson will be well versed to tackle a project involving Women

Facing War, one of many on the Red Cross agenda as part of her new job in Geneva.

“I am looking forward to working with a high-level international organization,” she said. “I am passionate about international law and this is an incredible opportunity.”

A two-month exchange student in France when she was 15, Ms Anderson hopes “one day” to complete a Masters at Oxford University in England. “This has always been a dream of mine,” she said.

Ms Anderson received numerous academic prizes at the University of Adelaide including the best result overall in the Honours program (2002), best result in Native Title (2002) and the Dean’s Certificate of Merit in 2000 and 2001.

Now, it is time for more conquests and one suspects it won’t take long for the Red Cross to realise they made an outstanding choice. ■

Story **Howard Salkow**

The challenge of international law

An interview with James Crawford



University of Adelaide graduate Professor James Crawford SC, FBA is a well-known international lawyer, combining an academic career with practical work in the international law arena. He has appeared before the International Court of Justice and other international tribunals, acted for the Crown Prince of Jordan and was the first Australian to serve on the United Nations International Law Commission.

He is currently at the University

of Cambridge, as Whewell Professor of International Law, Professorial Fellow of Jesus College and Director of the Lauterpacht Research Centre for International Law.

Later this year, he will address the University on international law as part of the James Crawford Biennial Lecture Series.

In this interview with Howard Salkow, Professor Crawford talks about his career and explains why international law is becoming popular for law students.

QA

Q1

How would you describe your career path and the roles you currently perform?

A1

I was born and grew up in Adelaide, and the first and still the largest part of my working life was spent in Australia, especially at the universities of Adelaide (1974-1986) and Sydney (1986-1992). I also spent some years on secondment from Adelaide working at the Australian Law Reform Commission in Sydney on a variety of projects (1982-1984).

I moved to Cambridge in 1992 as Whewell Professor of International Law, the chair I still hold. It was established in 1868 by the 19th century scientist and moral philosopher, William Whewell, with a view to devising “such measures as may tend to diminish the causes of war and finally

to extinguish war between nations”. With this as its aim, one might think just now that my nine predecessors in the Chair have been resounding failures—not to speak of myself! On the other hand—while unfortunately we still have war and the rumours of war—there have been dramatic changes in the international system and in international law since then, to which they have contributed in various ways. Holders of the Whewell chair include three judges of the International Court of Justice, Sir Arnold McNair, Sir Hersch Lauterpacht and Sir Robert Jennings, and more recently the greatest international advocate of our time, Sir Derek Bowett.

Succeeding to this tradition has not been easy, but I have tried to maintain the teaching of international law in Cambridge; to develop publishing in international law through Cambridge University Press; and

to further develop the Research Centre of International Law created by Hersch’s son, Sir Elihu Lauterpacht and now named after the two of them. At the same time I served for 10 years as a Member of the UN International Law Commission—the first Australian to serve on the Commission. In that capacity I was responsible for the ILC’s draft texts on an International Criminal Court and on the law of State Responsibility.

Q2

Which roles dominate your time?

A2

My time is divided between teaching, research and writing, international practice and some administration. The last of these is about to take over again: I was Dean of Sydney Law School 1990-1992 and am about to take the equivalent position at Cambridge for three years.



Q3

Based on your undergraduate studies do you have a passion for history?

A3

I read history and international relations as well as English in my arts degree, although law always took first place. But my interest in history has profoundly affected the way I think of law, and even the way I practise it. For example in boundary cases (such as the present one between Ethiopia and Eritrea) history is profoundly important.

Q4

Is this why you chose international law?

A4

I chose international law because it presented an extra challenge. I was one of the 1960s generation, opposed to the Vietnam War and interested in international affairs generally. International law tries to extend at least some degree of structure and security to international relations, and I believe that this is worth doing—or at least trying to do.

Q5

How do you manage to combine teaching and practice? Doesn't it pull you in opposite directions?

A5

Yes, to some extent. But others have done it, and to some extent the relationship is symbiotic. I am more able to teach, for example international dispute resolution in the LLM, because I have been involved in one capacity or another in recent disputes and cases. I am more able to lecture on the International Criminal Court because I helped to produce the first draft of the Rome Statute.

Q6

Speaking of international criminal courts, there is the suggestion that Israel's PM Ariel Sharon should be tried for his actions in Lebanon in 1982. Surely he is not the only world leader, or wartime leader, tainted with this brush? How far does one go with this?

A6

We have to move to a system of general accountability of leaders for their actions, where they are credibly suspected of war crimes and the like. There are problems about retrospectivity of course, and the Rome Statute operates only from July 2002. That will eliminate the problem of retrospectivity for the future, although it does not eliminate the problem of persons currently holding office as head of state or government, who are effectively immune while they hold office.



Q7

Is international law becoming popular, or more popular, with law students?

A7

Yes, international law is becoming more interesting to students—although there is a long tradition of teaching it at Cambridge, and for that matter at Adelaide. So some students have always been interested in the subject, but probably more so now. The reasons for enhanced interest now are, first, that so many issues are obviously international ones, and also that there are

many more specifically legal forums in which one can work—perhaps not directly or often on war and peace issues, as Whewell seemed to have imagined us doing, but in areas such as trade, investment protection, human rights and the environment.

Q8

Are you passionate about human rights to the point of openly condemning practices in certain countries, e.g. China?

A8

I am not a human rights activist—not because I do not care about human rights but because being an activist for causes is largely incompatible with the sort of work I do as scholar, counsel and arbitrator. If I were, however, looking for targets of criticism in human rights at present, China would not be the first country to come to mind.

Q9

Did you study the outcomes of the Nuremberg Trials? How do you think they would have been conducted in today's context?

A9

By the standards of the day (and even of today) they were relatively well conducted, given the circumstances. This was regrettably not so true of the Tokyo Trials. I think the Nuremberg process and outcomes were legitimate, and certainly better than summary execution of an arbitrarily selected list of individuals. But (until recently) we have made slow progress in institutionalising the principles of Nuremberg—and there is still much work to be done with the development of the International Criminal Court and in showing the US that the fears it has about the ICC are grossly exaggerated.

Business institute to build international trade expertise

Even before he took up his position as the head of a new business think-tank in Adelaide, Andrew Stoler had begun work to boost South Australia's reputation for business expertise.

A former Deputy Director-General of the World Trade Organization (WTO) with more than 30 years' experience in international trade, Mr Stoler was appointed Executive Director of the university's new Institute of International Business, Economics and Law.

The institute officially began operations in January this year, but Mr Stoler has been on the go since December. His work has included meetings in Melbourne and Canberra to discuss WTO negotiations and their impact on Australia and Europe, a visit to Bangkok for a joint WTO/United Nations training program, a conference at Stanford University where he gave the keynote address, then back to Canberra and Melbourne for meetings with senior officials in Foreign Affairs and Trade, Productivity Commission and the Australian Dairy Corporation Board, among others.

"I've done much more travelling in this role than I thought I would, that's for sure," says Mr Stoler, who moved to Adelaide from Geneva with his family to take up the new position.

Those many and varied trips, mostly funded by outside sources, represent the high regard in which Mr Stoler is held in the world of trade and business relations.

Jointly funded by the University of Adelaide and the State Government of South Australia, the new institute is focusing its efforts on specialised education, training, research and consultancy

Andrew Stoler: boosting international trade expertise



designed to support those who work in the global economy, whether in business, government or academia.

The institute's brief includes delivering specific courses aimed at developing expertise in Australia and overseas of international trade issues—such as boosting export knowledge among small business, or teaching key skills required in world trade negotiations.

Along his travels, Mr Stoler has been shoring up support for the institute and gathering some of the world's most qualified people to become "associate experts"—academics from other universities around the world and retired WTO and Austrade negotiators who have years of experience in international trade. The associate experts will spend some time at the University of Adelaide and will act as collaborators on research and education.

"We've already gained the agreement of outside collaborators in Canberra, Melbourne, Los

Angeles, Washington, Ottawa, and Brussels, as well as Adelaide."

Within the University of Adelaide itself, Mr Stoler has been impressed with the level of expertise across disciplines, particularly in key areas that have "cross-fertilisation" potential.

"People inside the university, in the business community, in State government and others, everyone has been uniformly helpful and constructive," he says. "They can see a real benefit from our institute, and we're happy to work with them to make those benefits happen."

An American citizen, Mr Stoler has spent considerable time in Adelaide over the years. (His wife, Christine Elstob, is from Adelaide and is an Adelaide Law graduate.)

"I know that there's a tremendous quality of life in this city and there's a lot of people who are working to put Adelaide on the map. It's nice to be part of an effort that's trying to do that," he says. ■

Story **David Ellis**

Compassion and good forward-thinking paed



The scattering of toys on his desk and the bright-red teddy bear curtains draped in his office say two things about one of Asia's most respected paediatricians.

First, he understands children, and second, his expertise and professionalism come with warmth, caring and good humour.

The man is Datuk Dr Sam Abraham, a University of Adelaide medical graduate who has become one of the most highly respected medical practitioners in Malaysia.

The former Colombo Plan scholar graduated from the university in 1959, and in 1995 received the Distinguished Alumni Award in recognition of "profound and sustained services to the health of the children of the world".

Dr Abraham has become known in Asia, Britain and Australia for his skill and his all-encompassing compassion for children, particularly those who traditionally have not received a high level of care.

When he returned to his home country in 1959 after studying at the University of Adelaide, there were only one or two Malaysians trained in paediatrics.

"Paediatrics was my main interest at that time because infant mortality was high," Dr Abraham says.

The quality of life for Malaysian children has dramatically improved over the course of his 40-year-plus career. One area to which he still devotes much of his time is the care of physically and mentally disabled children.

Dr Abraham is chairman of a non-government organisation called Dignity in Services, which is an advocacy and support group for disabled children.

"One of the things that Dignity in Services is doing is looking at the curriculum of schools, because the curriculum for children with learning disorders and disabilities needs to be revised," he says.

"Everyone is going for the normal child, the smart child, the gifted child, but to me a gifted child is a special child—they're special, they need help, especially those who are spastic, those who are autistic, dyslexic. And at the

moment they're all being lumped into the one school situation, but I think we need to specialise."

Malaysia traditionally has not been an easy country for children with disabilities to grow up in, but Dr Abraham says the views of Malaysians have changed over the years. The Malaysian government recently passed a bill to reserve 10% of jobs for disabled groups, so that they can have a chance of job opportunities. This is just one in a number of steps that allow disabled people to have more independent lives, Dr Abraham says.

humour drive iatrician



Dr Sam Abraham: all-encompassing compassion

His forward-thinking views on the care of disabled children developed while a student in Australia.

"I'm very grateful to have been in Australia to study because one of the things in the medical curriculum in Adelaide was to visit homes of disabled children, like the Spastic Centre. The children in Adelaide had a beautiful home for the disabled children, and education was especially good.

"The Apex Club in Australia, of which I was a member, gave me a wonderful opportunity of travelling all over Australia and seeing the

kind of projects that the Australians were doing for children, looking after families, providing clothing for families, for children who were disabled.

"So when I got back to Malaysia in '59, with a group of Apex Club members in Kuala Lumpur we started the Spastic Children's Centre, which I think was tremendous. Even at that time we were quite keen on having proper facilities for the disabled—toilets and ramps, making sure they could be mobile and move around."

Even with great advances in the last

40 years, Dr Abraham says there is still much to be done.

"A lot depends on education, especially of the parents," he says. "We've had children being locked in, tied up, there've been newspaper reports of a boy being chained up... some religious groups think there's a devil, an evil spirit in them or something. But it's a question of education and support, it's telling them that these children have a chance, they have a role, they have a place in society, and they also have human rights," he says. ■

Story David Ellis

Innovation pays dividends for Reproductive Medicine Unit

“In our darkest times we thought pregnancy was an impossibility. But you have all proved us wrong and we couldn’t be happier.”

Emma and Glenn Forbes were merely echoing what others have said before about the incredible work of Professor Robert Norman and his team in the Department of Obstetrics and Gynaecology at the Queen Elizabeth Hospital, and its clinical reproductive service Repromed.

The University of Adelaide’s reproductive medicine programs have now been responsible for the births of 6,000 children in South Australia.

And work undertaken by the department has not gone unnoticed on the national stage. In 2002, the National Health and Medical Research Council (NHMRC) awarded a program grant of \$8.3 million to Professor Norman and a team of leading researchers to investigate women’s reproductive health.

Staying on the leading edge and receiving accolades is synonymous with Dr Norman and his team. In December last year, Repromed moved to new premises at 180 Fullarton Rd, Dulwich, relocating its separate units at the Queen Elizabeth Hospital and Wakefield Street into one world-class, custom-designed facility.

Last year ended on a high note when Repromed received the 2002 SA Great Health Award for its world-class clinical care and commitment to lasting research.

In February this year, Repromed celebrated a major milestone for infertility treatment in South Australia—the 20th anniversary of the first in vitro fertilisation birth from the University of Adelaide’s Reproductive Medicine Unit.



Professor Robert Norman: meeting the challenges of reproductive health
Photo courtesy of Repromed

“We are thrilled by these achievements. It clearly recognises the quality research being undertaken by the group and the potential the team has in delivering major research outcomes in the area of reproductive health in women,” Professor Norman said.

He added infertility affects one in six couples and women today face major challenges balancing careers, lifestyle choices and having children.

“The Federal Government is concerned about the decline in the fertility rate in Australia. We wish to work closely with policy makers and provide them with basic research information, discover what factors affect fertility and offer solutions,” Professor Norman said.

The 2002 NHMRC grant followed a \$4.5 million program grant in 2001 to Professor Jeffrey Robinson’s group

and the Department of Physiology, for a project examining the foetal origins of adult disease.

With this kind of assistance, the unit has reached new heights over the past few years. In fact, their progress has set them apart from any such group in reproductive medicine in Australia.

But, as Professor Norman points out, they have also been innovative, ensuring they remain on the leading edge.

“We are committed to meeting challenges in reproductive health, and the innovative introduction of Total Quality Management across each member and group of the clinical, laboratory and administration teams has produced enormous dividends in reducing risk, managing change, increasing pregnancy rates and client satisfaction,” he said. ■

Story Howard Salkow

Urban centre a world first

With its CBD encircled entirely by parkland, Adelaide's urban environment is unlike any other in Australia and few in the world.

This uniqueness is behind a major new research centre—also the first of its kind in the world—which is spearheaded by the University of Adelaide.

The Centre for Urban Habitats is a partnership between South Australia's major scientific institutions, the Adelaide City Council (which has contributed \$100,000 towards the project) and the South Australian Government.

Three of the University's five faculties are involved with the CUH: the School of Earth and Environmental Sciences (Faculty of Sciences), Discipline of Geographical and Environmental Studies (Faculty of Humanities and Social Sciences), and the School of Architecture, Landscape Architecture and Urban Design (Faculty of the Professions).

Heading the CUH is Dr Chris Daniels, from the School of Earth and Environmental Sciences, who believes the centre will highlight the city of Adelaide's strong connection with the environment it is located in.

"We think that the CUH will increase Adelaide's reputation as a 'bio-city'," he said. "The city has significant natural biodiversity, it is in a distinctive location and structure, and the community of Adelaide has always had an active involvement in the protection, enhancement and enrichment of its urban environment."

The CUH, which was launched late last year under its former name of the Centre for Urban Environments, will research, advise and communicate on such issues as the parklands, introduced and native plants, the

conservation and management of urban animals, urban design, and paleobiology (the study of the Adelaide environment before humans).

"What we will do will be relevant to the lives of everyone who lives in Adelaide," Dr Daniels said.

"We will be looking to answer questions like 'What is that animal or plant in my backyard?', 'How did it get there?', and 'How long has it been there?'.

"We will also be looking to answer bigger-picture questions, such as examining the overall state and health of Adelaide's environment both in the past and present, and predicting what could happen to it in the future.

"There are a lot of people and organisations involved with the CUH, and we are all excited about working together in partnership on such a big project.

"We have the expertise here to make a really important and valuable contribution to this city's future, and we can't wait to get started." ■

Story **Ben Osborne**



Adelaide's rare and not-so-rare animals will all feature at the Centre for Urban Habitats. Pictured above is an Adelaide rosella, a type of crimson rosella found only in the local region. It is an extremely common sight in the city's gardens, and is also on display in the Royal Adelaide Zoo.

List of Partners

The University of Adelaide

Botanical Gardens

Royal Adelaide Zoo

Department of Environment and Heritage

Flinders University

SARDI

South Australian Museum

Centre for Evolutionary Biology and Biodiversity

Capital City Committee

Adelaide City Council

Centre of Urban Ecology

Rich history underpins new Kangaroo Island research centre



An artist's impression of the new centre

It's 41 years since the University of Adelaide built a field station near Rocky River, Flinders Chase National Park, Kangaroo Island.

During this period, the field station played a pivotal role in wildlife research with studies on many of Australia's iconic wildlife, including kangaroos, echidnas, platypus, koalas, fur seals, goannas, cape barren geese and glossy black-cockatoos.

It is therefore fitting that Kangaroo Island has been chosen as the home for the Flinders-Baudin Research Centre.

The centre will be situated near the entrance to Flinders Chase National

Park, about 80m east of the new Visitors Centre at Rocky River. It will include a modern field laboratory, lecture hall/community meeting room/dining room, kitchen and accommodation for 20 people.

Dr David Paton, Senior Lecturer in Environmental Biology at the University of Adelaide and the centre's director, says it has been established to achieve a number of objectives:

- Support research and teaching in the natural sciences and international exchanges.
- Facilitate collaborations between universities, governments and industry.

- Train future generations of natural resource managers and scientists.
- Help local communities and industries solve environmental problems and enhance their sustainability.

Dr Paton says there are many reasons why Kangaroo Island was chosen for the project.

"This is a part of South Australia that is rich in history and it is appropriate the centre carries the names of Captain Matthew Flinders and Captain Nicolas Baudin, who led respective British and French scientific expeditions to explore the southern coast of Australia 200 years ago.

“Australian Science began with these voyages and their legacies are significant historically, culturally and scientifically in Australia, France and Great Britain,” Dr Paton says.

Dr Paton says Kangaroo Island has an ideal environment.

“The island has no rabbits or foxes that can wreak havoc on the mainland. In addition, the island has not suffered vegetation clearance to the same extent as the mainland with 47 per cent of the island clothed in native vegetation and reserved for wildlife conservation.

“The only streams in South Australia with catchments that are not impacted



ABOVE: Bird-banding on Kangaroo Island
Photo courtesy of Dr David Paton



LEFT: Dr David Paton, Dr Baden Teague and former French Prime Minister, M. Michel Rocard, at the unveiling of a plaque on March 26, 2003 to mark the commencement of work on the Flinders-Baudin Research Centre.

by agricultural practices are held within Flinders Chase. These areas provide important benchmarks against which to measure recovery of natural systems in other areas.”

The island is also a major tourist attraction with research showing that more than 100,000 tourists visit the island annually for wildlife experiences. For the Flinders-Baudin project, they have a captured market for educational materials and research findings. Half of the visitors are from overseas.

Projects of this size and complexity cannot succeed without sponsorship and Dr Paton and his team appreciate the incredible financial support from Thames Water, Collex, SA Water, Vivendi Water, South Australian Tourism Commission, Thales, Terra Australis, Department of Environment and Heritage and National Parks & Wildlife SA.

“This support has ensured the future of the project and paved the way for scholarships to be awarded and the finest teaching and research,” Dr Paton says.

Dr Paton says up to four scholarships will be offered for postgraduate students to study the natural sciences.

“Two of these will be for Australian students and two for overseas students. The Matthew Flinders Scholarship will be for a British citizen and the Nicolas Baudin Scholarship for a French citizen. Sponsorship is still being sought for the international scholarships.

“The first Australian scholarship—the Collex Flinders-Baudin Scholarship—was awarded to Travis Gotch, who is studying the ecology of wolf spiders associated with mound springs,” he says.

In terms of research, Dr Paton says the new field station will allow for further research that adds to current knowledge of the flora and fauna, as well as investigating fire and water resource management, other threatening processes and restoration ecology. Other research assesses the disturbance of wildlife by tourism and the development of other primary industries.

The Flinders-Baudin Research Centre will be self-sustaining. Users will pay bench fees and hire charges to cover the costs of utilities and maintenance.

The University of Adelaide will manage the daily operation while a board with representation from the University, other research organisations, the secondary school sector, island community and National Parks Service will provide direction for the centre’s research and teaching programs.

The centre is expected to be operative in December this year. ■

Story Howard Salkow

Rhodes Centenary honours extraordinary legacy

Eighteen years has elapsed since Professor Peter Rathjen won a coveted Rhodes Scholarship to further his studies at Oxford University. But the experience is still fresh in the mind of the University of Adelaide's Executive Dean of the Faculty of Sciences.

In June, Professor Rathjen returns to Oxford to celebrate the centenary of the scholarship and salute its founder, Cecil John Rhodes.

In what was his greatest legacy, the British-born Rhodes left three million pounds in his will for the creation of the Rhodes Scholarship. The first students entered Oxford in 1903, a year following his death.

In seeking leaders, Rhodes stated that their attributes should include literary and scholastic attainment, a fondness for and success in outdoor sports, qualities of truth, courage, devotion to duty, sympathy for and protection of the weak. No student should be disqualified on account of race or religious opinions.

For Professor Rathjen, the experience of being a Rhodes Scholar will continue to play a role in his career.

"Being able to spend the formative years of your life with outstanding individuals from all corners of the globe and disparate areas of accomplishment is a significant benefit.

"The collegial nature of the Oxford system is conducive to the formation of close relationships and broadens students in a manner quite different from an Australian university. It is this aspect, I think, that fosters leadership development," Professor Rathjen says.

Armed with a Bachelor of Science (Honours) degree from the University of Adelaide, the 21-year-old Cambridge-born Rathjen began work on his PhD at New College, Oxford in 1985 under the supervision of Dr SM Kingsman.

Professor Rathjen says winning the scholarship meant a significant amount at the time, and this increased as he became more familiar with its traditions and realities.

"What is foremost in my mind is the recognition of your predecessors as Rhodes Scholars. Many have gone on to spectacular and prestigious service in a variety of areas and it is somewhat awe-inspiring to tread in their footsteps."

He says the scholarship provided so many exciting opportunities.



Peter Rathjen at Oxford

"The chance to immerse yourself in the rich culture, history and tradition of Europe at a time of your life when ideas are poorly developed, and the flexibility to travel. It is this aspect that leads to the broadening associated with the Rhodes Scholarship.

"Then there is the opportunity to interact regularly with leaders and future leaders from all walks of life at a social level, providing broad networks that can be enormously beneficial," he says.

The University of Adelaide is fast approaching the 100-mark of Rhodes Scholars after Norman William Jolly in 1904 became the first to receive it. Over the years, many have made significant contributions to their respective communities and country. ■

Story Howard Salkow

In 2002, the University of Adelaide had two Rhodes Scholars, Dr Thomas Smith and Ms Tamson Pietsch.



Tamson Pietsch graduated with a BA (First Class Honours) in 2000, and was awarded a University Medal for achieving the best results in all subjects in her degree. She also received the Vera May Swift Prize for English and the John F Kennedy Memorial Scholarship in History.

A keen hockey player, Ms Pietsch was a member of the State Reserve League, and last year took part in the National Student Leadership Forum in Canberra.

An Aide to the Governor of Victoria, Ms Pietsch was awarded a Rhodes Scholarship for Australia at Large. She will study for a DPhil (PhD) in History at Oxford this year.



Medical graduate Dr Thomas Smith completed the degrees of Bachelor of Medicine and Bachelor of Surgery in 2000 and was also awarded the University Medal.

He was the President of the Adelaide Medical Students' Society and received the Australian Medical Association Student Medal "for the best final year medical student".

Dr Smith has also been awarded a Churchill Fellowship to study aviation and space medicine at the Kennedy Space Centre, NASA, before heading to Oxford this year.

Tourism scholar sees the past come alive

Good writing and good museums both illuminate the past—especially for Sarah Olive.



LEFT: Sarah Olive
ABOVE: Dawn Stevens: chief cook and bottlewasher in Weald and Downlands Open Air Museum

Sarah, 21, knows about both, after graduating last year with a Bachelor of Arts (majoring in English) and also spending time visiting museums in Britain earlier this year as the inaugural winner of the Ian Cocks Memorial Trust Tourism Scholarship.

The scholarship commemorates Ian Campbell Cocks (1938-1997) whose contribution to South Australian tourism, the wine industry and commerce was highly regarded.

The \$10,000 scholarship assists a University of Adelaide student to travel overseas for up to three months to research and report on an innovative tourism product or service, preferably one not found in South Australia.

For Sarah, this meant going to the UK to examine the concept of “living museums” as a possible tourism initiative for South Australia.

“The idea is to show the way we were as an experience, not just for observation,” she said. “It’s more interactive: the staff get dressed up

and role-play and visitors can get much more ‘hands-on’ than in standard museums.

“The only museum I’ve visited in Australia which would fit the concept of a ‘living museum’ would be Sovereign Hill, in Victoria—but in

“The idea is to show the way we were as an experience, not just for observation.”

Britain they are very popular, and they attract a lot of people, both tourists and locals, through the door.”

Sarah visited four museums in Sussex, Birmingham, Newcastle and Staffordshire during her five-week trip.

“All of the museums I visited were in regional areas, which was interesting in itself,” she said. “To me, the common theme was that they were making a conscious effort, through these museums, to try to preserve their regional identity and cultural heritage so that they can share it with their visitors.

“It was also interesting to see that a lot of the staff at these museums worked elsewhere during the week, and that they would come in to volunteer at the museum on weekends. The contribution they make is fundamental to the successful running of the museums.”

The Ian Cocks Scholarship was the culmination of a successful 12 months for Sarah, who is now studying for her Honours degree in English.

She also won the inaugural Mares-Eaden Prize for Shakespearean and Early Modern English Literary Studies, an annual prize in memory of the late Tim Mares and Robin Eaden. ■

Story **Ben Osborne**

NEW YORK, NEW YORK

FOR JAZZ SINGER JO

Jo Lawry was just 12 years old when she decided to become a professional singer.

Having won an audition for the Adelaide production of *Les Misérables*, she soon found herself amid 14 hectic weeks of evening performances (after school) and loving every minute of it.

“It was amazing... I just thought: ‘I want to do this forever.’”

A decade later, Jo has become one of the most outstanding jazz graduates produced by the University of Adelaide’s Elder School of Music. She graduated with a Bachelor in Music (Jazz) in 2000 and First Class Honours in Jazz Performance in 2001. Along the way she garnered awards for best vocalist and top undergraduate student in the jazz program.

Those accolades and an unwavering desire to push the boundaries of her craft have now earned this talented vocalist one of the world’s most prestigious scholarships, the Fulbright Scholarship for study in the United States.

Worth \$40,000, the Fulbright is a nationally competitive scholarship awarded by the Australian-American Fulbright Commission. Its aim is to promote and support educational and cultural exchange between Australia and America.

Jo has also won the University of Adelaide’s highly coveted George Murray Scholarship, valued at \$47,000. Both the George Murray and the Fulbright will enable her to study for a Masters degree in Music at Purchase College, a campus of the State University of New York.

The two-year degree will be a once-in-a-lifetime opportunity for Jo,



Jo Lawry
Photo Mick Bradley
Opposite page
Times Square
New York
Photo Ben Osborne

who has been tutoring in jazz voice at the Elder School and her old high school, Concordia College, as well as leading the contemporary jazz quintet Jo’s Garage and performing with top Adelaide bands.

Always humble, “I feel like I haven’t done anything yet to deserve it,” says Jo of her Fulbright Scholarship. “I know that I will—it’s such a tremendous validation, so encouraging to have someone place that much faith in you. I feel a very strong sense of responsibility to make this worth their while.”

At Purchase College, Jo will be learning from some major names in the jazz world, including “half of my record collection”.

“It’s an integrated program, so the singers aren’t afforded any special treatment—you just have to do what everyone else has to do,” says Jo. And that’s just the way she likes it, with the singer’s voice on an even par with every other instrument, be it piano, trumpet or bass.

Jo is no stranger to New York or America, having toured the States a number of times, first as a World Vision Youth Ambassador for Australia in 1996, then as a member of the university-based Adelaide Connection, established by former Elder School voice lecturer Connaitre Miller. Her earlier involvement with World Vision has prepared her for Fulbright’s all-important ambassadorial role, she says.

Despite leaving Adelaide for a unique educational experience, Jo has no pretensions about where she will be calling home.

“I love Adelaide. I’m not alone in thinking that Adelaide’s probably one of the best places in the world to live.

“There are so many musicians, so many talented people here that the world doesn’t know about. If I can be a bit of a window into some of the wonderful things that happen here in Adelaide, that would be very special to me.” ■

Story David Ellis



VC's scholarship helps top country students

Two new University of Adelaide students have had their transition from country to city made easier after being named as inaugural recipients of the Vice-Chancellor's Scholarships Fund.

Kadina's Troy Tobin and Mount Gambier resident Lan Lieu, both 18, are now studying first-year courses at the university after achieving outstanding results in Year 12.

The Scholarships Fund was launched late last year by Vice-Chancellor Professor James McWha, and is designed to help exceptional but disadvantaged students gain a start at the university each year. The fund operates through generous donations from university alumni and other members of the community.

At Kadina Memorial High School Troy earned a TER of 99.45, receiving a top score of 20 in Maths 1 and 2. He is now studying for a double degree in Engineering (Electrical & Electronic) and Science at the University of Adelaide.

"Electronic engineering interests me because it deals with relatively new technology and is always developing," Troy said. "There are always changes in the field, and it seems like there's quite a few job prospects."

He said the VC's scholarship would make a major difference to his life because he was living away from home to study.

"At university all the responsibility's on you—you need to be more independent. It's even more different for students like me because

Troy Tobin and Lan Lieu



I come from a country town," he said. "It will take a lot of the pressure off me so I can concentrate on my study."

Troy has also received the \$2500 Adelaide Achievers scholarship.

For Lan, being notified of her achievement was an unexpected—but happy—occasion.

"I was so happy I rang my parents straight after to tell them that I got a scholarship, they probably even heard me smiling over the phone!" she said.

Lan went to Grant High School in Mount Gambier, and received a TER of 99.75, including a perfect 20 score for Japanese. She is studying in the new course of Bachelor of Science (Optics and Photonics), as well as studying Chinese out of personal interest.

At this stage, she is not too preoccupied with pursuing a set career path.

"I'd just like to do well in my studies and from there hopefully I'll get a good job," she said. "I feel that I'd be happy with whatever

job I get that relates to the subjects that I'm doing now.

"The scholarship will greatly assist me with living costs such as bills, food and transport—as well as making up for the costs of all the fees and textbooks—which will leave me a little less worried about paying for these costs. With less pressure, hopefully I'll do better in my studies," she said.

Lan also received the Adelaide Access Scholarship, and a South Australian Women's Association Scholarship.

"I would like to thank everyone who donated money towards the Vice-Chancellor's scholarships," Professor McWha said. "It is a unique opportunity for us to recognise and reward top students who deserve financial support, and your contribution will generate benefits not just for the students but also for the future of the State and the nation," he said.

Story **David Ellis**
Ben Osborne

\$75,000 for young lions of medical research

Three PhD students undertaking medical research at the University of Adelaide have received major scholarships totalling \$75,000 over three years from the Lions Medical Research Foundation.

The scholarships are aimed at fostering the careers of young medical research scientists and advancing medical research in South Australia.

The recipients are Ms Andrea Dewar (Institute of Medical and Veterinary Science) for the study of Chronic myeloid leukaemia, Ms Bakhita Hassan (Paediatrics, Women's & Children's Hospital Sleep Disorders Unit) for the study of upper airway obstruction in children, and Dr Andrew Philpott (Cardiology, Queen Elizabeth Hospital) for the study of cardiac chest pain (angina).

All three researchers represent the very best at the University of Adelaide, and their work has the potential to make important inroads in their respective fields. ■

Story **David Ellis**



Young Lions: Bakhita Hassan, Andrea Dewar and Andrew Philpott



Barr Smith Library Appeal

“... I would say to these students, whatever profession or occupation you adopt, if you wish to develop your faculties to the utmost advantage, make full use of this magnificent library. Replenish your minds; invigorate your intellect...”

His Excellency, the Governor of South Australia, Brigadier-General The Honourable Sir Alexander Hore-Ruthven on the opening of the Barr Smith Library, March 4, 1932.

The words of the Governor, on the occasion of opening the Barr Smith Library, are as relevant today as they were on that grand occasion over 70 years ago. When the Governor gave his speech, the University lay claim to fewer than 2,500 graduates, was educating 1,052 undergraduate students, and had a collection of approximately 100,000 volumes. By 2003, the University had conferred over 70,000 degrees and diplomas, has a student body of over 14,000 undergraduate and postgraduate students, and the Library has over two million items in its collection. Truly the Barr Smith Library has replenished many minds, and invigorated the intellect of many scholars.

Last year, the Barr Smith Library launched its first annual appeal for funds to purchase books or electronic resources for the library. The support given to the appeal by graduates and friends of the University was outstanding and has enabled the Library to purchase over 500 titles from the proceeds, including a number of very significant titles.

However this work must continue and to enable this I am seeking your help.

Your ongoing financial support will underpin the Barr Smith Library's future as the premiere research library in South Australia, as well as helping to provide first grade resources for all students. Ryan

Cornish and Sonia Corsini, who tell of their experiences in the Library below, are just two of the many students who will benefit directly from your donation.

Your gift of \$60 or more will be acknowledged with a named bookplate and remember, your donation is tax-deductible. Please contact the Alumni, Community Relations and Development office on (08) 8303 5800 if you would like to make a contribution.



“...the Library is the nucleus of University life...”

Ryan Cornish and Sonia Corsini may be enjoying very different educational experiences at the University of Adelaide, but they both agree on one thing: that the Barr Smith Library is the centre and focal point for knowledge in the University.

Ryan (BSc, BPubHlth), 25, is in the final year of his Bachelor of Dental Surgery, as well as continuing his Masters in Science (Dentistry). He has studied in the Barr Smith Library since 1994, while still at school. He finds that the historic environment and quiet atmosphere of the Reading Room, as well as the good resources available, make the Library his favourite place to pursue learning.

“The Library is the key to the University, to the knowledge and to the information that everyone needs. I have enjoyed university so much because the process of learning makes me want to gain insight into what's happening in the world and how we relate to the rest of the world. The library is the main tool that helps me do this.”

Sonia, 20, in the final year of her Bachelor of Arts majoring in Philosophy, as well as commencing her studies in Law, sees the library as the “lifeflood of the University”.

“The Library provides students with an opportunity to discover the opinions of others, to explore the material of lectures. The Library is the main resource which gives depth to learning.”

Both agree that supporting the Barr Smith Library will be greatly beneficial to students.

“Each new book, each journal title keeps the Library up-to-date. Today's new purchases add to the history we already possess, making the Barr Smith Library collection an even better resource.”



Your support of the Barr Smith Library will help many more students like Ryan and Sonia.

Economics at Adelaide:

A CENTURY OF ACHIEVEMENT

Economics is 100 years old at the University of Adelaide.



The Mitchell building at the turn of the century, and a 1927 penny (courtesy of the IS Wright Group)

The teaching of economics began at the turn of the 20th century, with economics just a small part of the Bachelor of Arts course. The ever-busy Sir William Mitchell gave up to four lectures a week (all at night) and was solely responsible for all teaching of the course until the appointment of a part-time lecturer in 1913.

Following World War One, Economics at Adelaide widened in scope. In 1929 the university appointed its first professor in the subject: Leslie Melville, just 27 years old and a recent University of Sydney graduate. But his stay was brief: in 1931 he was appointed the first economist of the Commonwealth Bank, and went on to become one of the most famous names in Australian economics.

In 1934 the chair in Economics was taken up by Edward Shann, and it may have seemed cursed when, having only been at the university for one term, Shann died tragically after falling from the window of his first-floor office in the Mitchell Building.

After Shann's death came a highlight for Economics at Adelaide in 1935—the first year in which an Adelaide student qualified for a Bachelor of Economics degree.

From 1945, Economics gradually became a fully-fledged, continuously operating department. This started with the appointment of Brian Tew in 1945. He held the chair for five years and was succeeded by the renowned Peter Karmel in 1950.

With a government funding boost and the appointment of Karmel as the new professor, the 1950s saw Economics transformed from a small-scale operation with only two or three teaching staff to the bigger, more complex department of today.

In Karmel's era the school came to maturity, and many considered Adelaide's Economics Department at that time the most lively and best in the nation. Many staff became leaders of other departments around the country. In 1961 there were 14 staff at the rank of lecturer or above, excluding Professor Karmel. Eleven of those became professors around

Australia, and the other three all took other senior positions, including Hugh Hudson who became Deputy Premier of South Australia.

The legacy of those times continues today. The School of Economics, as it is now known, has more than 20 academic members of staff and a dozen adjunct professors who are highly regarded in their field right across the world.

The very first Joseph Fisher Lecture was held in 1904. These lectures, featuring some of the biggest names in the field of economics, continue today. As part of the celebrations of 100 years of Economics, the Fisher Lectures from 1904-2001 have been collected into two volumes, edited by Professor Kym Anderson, Director of the university's Centre for International Economic Studies.

For more information call +61 8 8303 5672 or email: cies@adelaide.edu.au

Great hall a monument to generous benefactor



With its Medieval Gothic style, magnificent Murray Bridge limestone exterior and oak-panelling interior, Bonython Hall is regarded as one of the finest ceremonial halls in Australia. It is a monument to the life of its generous benefactor, Sir John Langdon Bonython.

For the past 67 years, it has served as the University of Adelaide's Great Hall.

Its design is modelled on the Chapel of King's College, Cambridge, where an ancestor, Dr John Bonython MD, graduated in 1728.

Controversy, however, surrounded the Hall's construction, with heated debate about where it should be located.

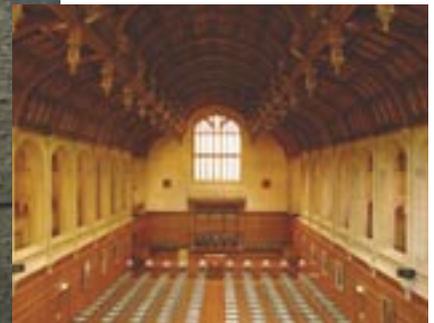
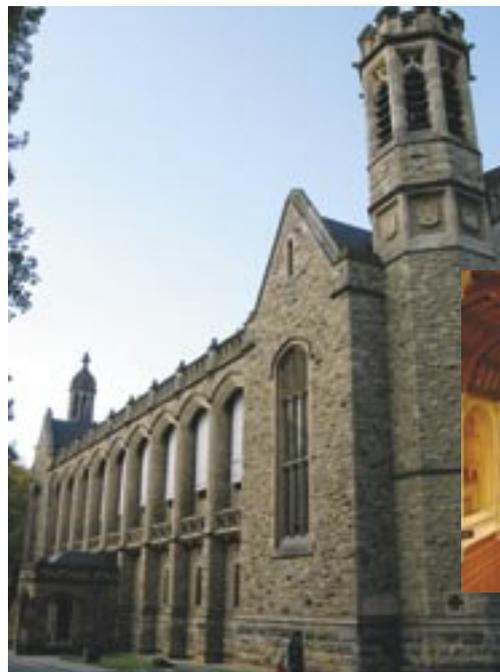
The University Council chose the site facing North Terrace directly opposite the northern end of Pulteney Street. This was done to block any extension of Pulteney Street northwards through the University grounds, which would have fragmented the campus.

The City Council argued that Colonel Light's plan of Adelaide had Pulteney Street as one of three main arteries from North Adelaide to South Adelaide. That argument was supported by the Rundle Street Traders' Association, who thought that blocking Pulteney Street would make trade even slacker than it was.

The University, however, pointed out that Colonel Light had not foreseen modern traffic, or the needs of a University on North Terrace. After some months of disputation, the University's view prevailed.

Now, unmistakably visible, the hall bears the name of an interesting family who migrated to South Australia in 1840. Further members arrived in 1854, including the young Langdon, then six years old.

The Bonython family, living mainly in Cornwall, had known honour and possessions over several centuries until an ancestor, a lawyer holding a



responsible position in Gray's Inn, London, evidently found himself in financial straits.

His obligation around 1715 to dispose of the family home and properties in Cornwall led to financial decline. Nearly 150 years later they had not regained their fortunes when the Bonythons re-located in South Australia in 1840.

John Langdon Bonython joined *The Advertiser* as a junior reporter at the age of 16, and through hard work and a keen eye for investment (in mining shares) bought into the business as a junior partner in 1879.

In 1884, at the age of just 36, he became co-proprietor and also editor, a position he would hold for 45 years. He became sole proprietor in 1893.

Knighthood in 1898, Sir John Langdon Bonython's successful management enabled him to amass a fortune—the largest in Australia in his day—and

put him in the position of making a number of benefactions to education and other endeavours.

His generosity was not confined to the funding of Bonython Hall, for which he provided £52,329.

In 1926, he had given the University £20,000 to endow a Chair of Law. He also gave £22,500 to the former South Australian School of Mines (now part of the University of South Australia) for the erection of the Bonython Laboratories (later the Bonython Jubilee Building) on Frome Road.

In 1936 he gave £100,000 to the State towards the cost of completing Parliament House.

The University of Adelaide is indebted to this philanthropist whose great interest in education laid many foundations. It's therefore fitting that his portrait hangs in Bonython Hall, reminding all of his considerable contributions. ■

'Silicon Vineyard' a dream in the making.

Creating a world-class IT firm by using world-class Australian IT professionals, and basing it in South Australia sounds like a fine idea—but can it be done?



David Bohn

Yes, it can—as demonstrated by engineering graduate David Bohn.

Mr Bohn, who graduated from Adelaide in 1996 with a Masters in Engineering, is Managing Director and CEO of Foursticks, a software developer specialising in network performance.

Last year he was named 2002 Deloitte South Australian Innovator of the Year, while Foursticks won the Deloitte Rising Star award, a Secrets of Australian IT Innovation award at the World Congress on IT 2002 and was named one of Australia's top 10 hottest IT companies, by Austrade, Sun and Nextec Capital.

Customers already using Foursticks' NP Gateway product include BRL Hardy, Santos, and Bridgestone, with plans well under way to expand into Asia, Europe and North America.

Mr Bohn has also attracted several high profile IT professionals to join Foursticks, including Adelaide-born Silicon Valley success story Alan Noble, who joined after meeting Mr Bohn at the World Congress on IT in Adelaide last year.

"We create and then commercialise technologies and our way of doing that is to attract the best of the best," Mr Bohn said. "You don't need to work overseas for very long before you meet world class Australians.

"We're keen to invest in the local industry and attract international talent back to Adelaide."

Prior to founding Foursticks, Mr Bohn was Managing Director of Compliance International Australia, a US organisation that provided consulting services to major US companies. He has made a lifestyle choice to remain in Adelaide.

"I choose to live in Adelaide due to the high calibre of talent from our universities, our ability to innovate, the challenge that comes from doing something new 'from a far away place'—that is, here," he said.

"With three young children it's very important to live somewhere where your heart is. Mine is here as I am an Adelaide boy."

At university, Mr Bohn branched out from his initial focus on

Engineering with a view to a technical career. He was elected to the Union Board, served on the Postgraduate Students' Association as Treasurer, was President of the Australian Information Technology Engineering Centre (AITEC) Students' Association, President of the Mature Students' Association, and Vice-President of the Adelaide University Engineering Association.

"It is my goal to see South Australia become the Silicon Vineyard, a region that will be as well known for world class technology as we are for world class wine," he said.

"We believe we can achieve this by focusing on partnership with the universities to encourage innovation and to seed an ecosystem for strong growth based on innovation." ■

Story Ben Osborne



Angove's Still House

A MAJOR STEP FORWARD

A famous name in Australian winemaking is gracing a new state-of-the-art facility that has further enhanced the university's reputation as one of the world's leading educational institutions in wine sciences.

The new Angove's Still House at the Hickinbotham Roseworthy Wine Science Laboratory, Waite Campus, is a major step forward for teaching and research into the production of spirits such as brandy, whiskey and rum, together with neutral spirits for fortified wine production.

"The University of Adelaide is the only university in the world offering wine programs with facilities like this for the use of both students and staff," says Associate Professor Graham Jones, of the Wine and Horticulture discipline at the University of Adelaide and project manager for the Angove's Still House.

The Still House features glass pot and continuous stills for research and teaching, and an Italian-manufactured

small production-scale copper pot still, with 400 litres capacity. The facility is worth around half a million dollars.

"Our teaching and research into distilled beverages and fortified wines has taken place over many years, and these new facilities will ensure that our work is among the best in the world," Dr Jones says.

"It will also provide a focus for the presentation of advanced, intense short courses in distillation technologies and spirit production. A number of Australian and overseas distillers have already indicated support for the running of these courses in 2004."

The Still House is named after a local success story, Angove's Pty Ltd, Australia's 10th largest wine company in branded wine sales.

"Angove's has provided generous support for the new facility, and the enthusiasm provided by Tom Angove enabled the Still House to become a reality," says Dr Jones. Tom Angove graduated with the Roseworthy Diploma in Oenology in 1940.

"We are proud to be associated with this Still House, as it represents an investment into the future of Australian winemaking and the education of Australian winemakers," says the Managing Director of Angove's, Mr John Angove.

"Our company has a proud tradition in producing quality spirits and wine that are recognised throughout the world. It is fitting that the Angove name should be attached to such a world-class facility in Australia." ■

Story David Ellis

ABOVE: John Angove, Managing Director of Angove's Wines, with Richard Angove, currently studying winemaking at the University of Adelaide, and Victoria Angove, the company's Regional Export Manager.

Malaysian family's "home away from home"

When Sim See Kee left Malaysia to do his secondary schooling in Adelaide, he could not have imagined that he, his wife, son, and daughter-in-law would all become graduates of the University of Adelaide.



From left: (front) Jane Sim with granddaughter Lauren, Sim See Kee with grandson Malcolm, and (rear) Chin Yen and David Sim. David and Chin Yen have recently celebrated the birth of their third child, Gavin.

Mr Sim, 64, came to Adelaide in his youth to matriculate from Norwood High School.

"The trip to Adelaide took 24 hours," he says. "In those days the flight went from Malaysia to Jakarta, then to Darwin, and then Sydney. By the time I got to Sydney, it was too late for any more flights, so I had to stay overnight before going on.

"That was the fastest way to get to Adelaide."

Mr Sim was among a handful of Malaysian students to study in Australia at that time. After completing high school, he went on to graduate from the University of Adelaide with a Bachelor of Technology degree in 1965.

In the same year, his future wife Jane earned a Diploma of Social Studies from Adelaide. He and Jane had known each other previously as family friends.

Although it was not possible for Mr Sim to know what would later happen, he remembers seeing Prince Alfred

College in Adelaide and thinking "this might be a good school for my son".

Years later, their son David completed his matriculation at Prince Alfred College (PAC), fulfilling his father's wishes. David went on to do a Bachelor of Commerce degree at Flinders University.

"The overseas students who go to Adelaide for the first time always need some kind of orientation, but it wasn't like that for me," David says. "I was doing my high school at PAC in the 1970s, and Adelaide was like a second home. It wasn't like I was going away from home to study."

While working for an accounting firm, David decided to do an MBA at the University of Adelaide (he graduated in 1995). In the meantime his wife-to-be, Chin Yen, was also studying for a Bachelor of Commerce degree at the University of Adelaide (she graduated in 1994).

That the married couples are all graduates of the same university is a "happy coincidence", according to the

Sims. But the choice of Adelaide for their education was an important and fruitful one.

What Adelaide has offered his family, Mr Sim says, is "exposure to better education, not just academic education—the 'wide scope' education is important".

"It's not just about the training they receive. Your children are exposed to different experiences, and it means they can become more independent. It's a more well-rounded education than what they could receive by staying at home," he says.

The Sims' views on the quality of that well-rounded education are so important to them that David and Chin Yen's firstborn, Malcolm, is also now enrolled at PAC.

It's too early to tell if he will follow even further in his parents' and grandparents' footsteps and become a University of Adelaide graduate, but he is another example of how education in Adelaide is respected overseas. ■

Story David Ellis

Adelaide connections a family affair

There's no questioning the connection between the Le Page family and the University of Adelaide.

Six members of the family across just two generations have graduated from Adelaide—and there's at least one more generation on its way.

Keith, 77, was the first Le Page to attend Adelaide. He graduated with a Bachelor of Medicine and a Bachelor of Surgery in 1952, and is still practising Psychiatry in Adelaide.

Keith's wife, Patricia, 72, also graduated from Adelaide, with a Bachelor of Arts (Honours) in 1956.

Rex Le Page, Keith's brother, 71, obtained his Bachelor of Science (Honours) from Adelaide in 1956 and a Master of Science in 1960, and went on to have a distinguished academic career with the University of Melbourne, concentrating on genetics.

"The reason he got into genetics was because when he was growing up in the 1940s, he was heavily into homing pigeons," Keith said. "He would send them up on the train, and then the first ones home, he would breed from them—that's how his interest started!"

Keith's nephew Graham Le Page, 45 (the son of Keith's older brother, Clive), graduated from Adelaide in 1980 with a Bachelor of Chemical Engineering (Honours), and has gone on to have a successful career with the Alcoa company in Perth.

And Keith and Patricia's two children have four Adelaide degrees between them. Fleur, 42, graduated with a Bachelor of Science in 1981 and



Keith Le Page, Professor Fay Gale, Guy Le Page and Patrica Le Page at Guy's BA graduation in 1988. Photo courtesy of the Le Page family.

works with the financial side of the Michell Wool company when she's not busy bringing up her two sons.

Guy, 38, has a Bachelor of Arts and a Bachelor of Science (both in 1988), and a Master of Business Administration (1994). Currently

“They all decided to go to Adelaide of their own accord—I had nothing to do with it.”

living in Perth, he has significant experience as an analyst and financial advisor in the mining industry.

The links continue: the four males (Keith, Rex, Graham and Guy) all attended Prince Alfred College (as do Keith's two grandchildren) and attended St Mark's College while at University, while the two females

(Patricia and Fleur) attended St Peter's Girls' School.

There's also considerable sporting prowess: Guy is a former nationally ranked javelin thrower making a return to the Masters circuit from a serious back injury, while Keith is one of the best rowers for his age in the world, winning a swag of medals at the World Masters Games in Ballarat last year.

Despite being the first Le Page to attend Adelaide, Keith said he was not responsible for any other family members choosing to study there—with one exception.

"They all decided to go to Adelaide of their own accord—I had nothing to do with it," he said. "Except for Rex, I did have a bit of a hand with him coming here: our father wanted him to become an engineer but Rex didn't like that idea very much, so I encouraged him to study science, which eventually became genetics.

"I currently have two grandchildren at PAC and there's every chance they could study at Adelaide as well." ■

Story **Ben Osborne**

Making their Mark

Robert Hill-Ling AO — Manager and Engineer



Robert Hill-Ling AO, FIEAust, CPEng (BE 1957) has had an impressive career in management, manufacturing, and electronic and mechanical engineering work.

He is Chairman of Hills Industries Limited, Director of the ARGO Group of Companies, Deputy Chairman of Carrick Hill Trust and member of the Executive Committee of the Engineering Employers Association SA.

He is Director of private companies including Poplar Pty Ltd,

Pallarenda Pty Ltd, Ling Nominees Pty Limited, Hills Associates Pty Ltd.

Mr Hill-Ling is past Chairman of Bedford Industries Inc (Rehab Organisation – Retired 1999), past Director of Korvest Ltd and of Radio Frequency Systems (AUST) Pty Ltd, Past President of Engineering Employers Association SA, alternate and past Federal Member of Australian Industry Group & Emeritus Councillor, and past Chairman of the University of Adelaide Careers Advisory Board.

Lyn Pearson — Director

From a volunteer to Director of Operations for the SA Ambulance Service, the career of Lyn Pearson (MBA 2001, Grad Cert Mgt 1998) has taken her from on-site emergency medical care to strategic management of the organisation's operations, which includes 1800 staff and volunteers.

Lyn Pearson was one of the State's first female ambulance officers and a graduate of the State's first-ever intensive care paramedic courses. She subsequently managed the entire intensive care paramedic



program, and trauma specialists from Adelaide's major hospitals. This experience led to a position as Manager of Emergency Operations, taking responsibility for a more diverse range of ambulance related issues and challenges, including championing such changes as safe work for pregnant ambulance officers, and part-time employment for shift workers.

In 2002 Ms Pearson was awarded the distinguished South Australian Telstra Business Women of the Year award.

Joseph Pairin — Member of Parliament

YB Datuk Seri Panglima Joseph Pairin Datuk Kitingan MP MLA JP (LLB 1970) is Founder and President of the Sabah United Party (Parti Bersatu Sabah, or PBS).

He worked as State Counsel with the Sabah Legal Department and then as Deputy Public Prosecutor. He also practised law with a private legal firm.

In 1975 he joined active politics, and in '76 was elected Member of the Sabah Legislative Assembly for the Tambunan constituency. He also

served as MP for the constituency of Keningau since 1986.

In 1985 he formed the PBS and led the party to victory in the general election that same year. He held the post of Sabah Chief Minister for nine years, taking the party to victory in four successive State elections.

Datuk Pairin is also the paramount leader of the indigenous Kadazandusun community of Sabah, and is President of the community's principal cultural association.



Alumni gallery



Graduates of 1952 pictured outside Bonython Hall following the 2002 Golden Jubilee celebration.



Alumni Board member Elizabeth Silsbury OAM (B Mus Hons '67, BA '56, Dip Mus '53) with Lance Dossor, recipient of the 2002 Distinguished Alumni Award.



Dr Gregory Harmer (PhD '02, BE '98, BSc '97), inaugural recipient of the Postgraduate Alumni University Medal, with family members at the December 2002 graduation ceremonies.



Sim See Kee (BTech '65), Lauran Huefner (BA Hons '90), Lindsay McWha, Professor James McWha (Vice-Chancellor), Rae Crafter and the Hon Greg Crafter (LLB '78), on a tour of the Royal Selangor Pewter Factory in Malaysia. They were guests of the company's Managing Director, Yong Poh Kon (BE '68).



Representatives from the Adelaide Uni Alumni West Malaysia Chapter and the University of Adelaide enjoying a luncheon generously hosted by Sim See Kee and his wife Jane Sim at the Royal Selangor Club Bukit Kiara, Malaysia.



Dr Verna Blewett (PhD '00, MBA '92, BSc '82), Susan Graebner (LLB '84) and Dr Jane Lomax-Smith (PhD '86) enjoying some festive cheer at the 'End of Year Gathering for Benefactors and Friends' hosted jointly by the Vice-Chancellor, Professor James McWha, and the Alumni, Community Relations and Development office, December 2002.

Alumni Program June - December 2003

DATE	PROGRAM	ORGANISED BY
June	Alumni Association Annual General Meeting and Dinner - guest speaker Professor James McWha, Vice-Chancellor of the University of Adelaide	Alumni, Community Relations & Development Office (ACRD)
	Friends of the University of Adelaide Library Chapter	Library Chapter
	Flight of Ideas Chamber Choir Concerts Concert Two – Devotion	
	Alumni Gathering in Penang	West Malaysia Chapter
July	Peter Goers in conversation with Elizabeth Silsbury	Cornell Chapter
	Mutual Community Postgraduate Travel Grants	ACRD
August	Brighton Jetty Seminar	Architecture Chapter
	Combined Chapters and Alumni Board Meeting	ACRD
	The University of Adelaide Open Day Graduations: Alumni University Medal	University of Adelaide ACRD
September	Flight of Ideas Chamber Choir Concerts Concert Three – Songs of Angels	Library Chapter
	Cornell Chapter AGM and Annual Dinner	Cornell Chapter
October	Golden Jubilee 1953 - 50 Year Reunion	ACRD
	1953 Medical Graduates Reunion	Florey Medical Chapter
	Commerce 10 Year Reunion Dinner	Commerce Chapter
	Post performance supper with the cast and crew of the Theatre Guild's 'The Cherry Orchard'	Cornell Chapter
	Alumni Board Meeting	ACRD
November	Friends of the University of Adelaide Library Chapter – Flight of Ideas Chamber Choir Concerts Concert Four Praise O' Do' Set	Library Chapter
	'Architecture of the World' Series – Islamic Architecture	Architecture Chapter
	30 Year Reunion 1972 & 1973	ACRD
	Combined Chapters Meeting	ACRD
December	Alumni Board Meeting	ACRD
	Graduations: Postgraduate Alumni University Medal	ACRD

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

www.adelaide.edu.au

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INFORMATION DAY Roseworthy Campus, Friday 15 August, 10am - 3.30pm

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www.adelaide.edu.au/alumni/merchandise



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Matt silver **Champagne Stopper** detailed with engraved logo
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New **University Tie**, navy with multiple full colour crests
University Tie, maroon with multiple full colour crests



Cufflinks Elegant design with engraved crest on each piece



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



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



University Shield Timeless addition to your study, office or mantel piece. Full colour crest on strong wooden base.



Umbrellas
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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.



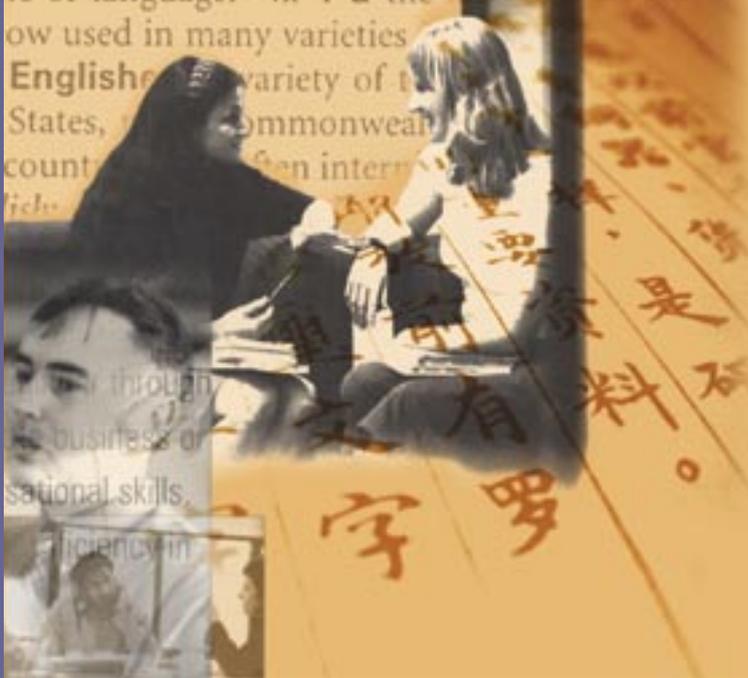
Lapel Pin Choose from the classic crest or the new round design



Car Sticker Full colour crest and white text on clear background

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