

lumen

SUMMER 2003

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Tackling Australia's number one enemy

GLOBAL RELATIONSHIPS - INTERNATIONAL EVENTS



I was delighted to hear of J.M. Coetzee's success in being awarded the 2003 Nobel Prize for Literature. We are indeed fortunate to have someone of his ability and standing associated with the University, through his position as Honorary Visiting Research Fellow with our Discipline of English.

I believe the impact of his award will continue to be felt for some time right across the University. Staff and, in particular, students will respond positively to the fact that someone like J.M. Coetzee, who has reached the pinnacle of his profession, chooses to live in Adelaide and associate himself with the University of Adelaide. He gives students an exceptional role model on which to base themselves and someone whose career they can aspire to.

This issue of *Lumen*, too, features many stories documenting the impact our staff, students and alumni are making on the world.

Water is a vital resource worldwide, and our cover story deals with one of the major environmental issues facing our nation: salinity. Whether it is affecting the mighty River Murray, or dryland farming in other parts of Australia, salinity poses a major threat to our resources, industry and sustainability. This story highlights the scope of the problem facing Australia, and how our staff and students are working to deal with it.

Among other stories, you will also meet a Creative Writing graduate now employed by a circus; medical students working overseas with Australian Test cricket captain Steve Waugh; and identical twins destined for musical greatness.

Not all of our graduates will go on to win a Nobel Prize, but the diversity of their impact on society is exceptional and well worth celebrating.

PROFESSOR JAMES A. McWha

Vice-Chancellor and President

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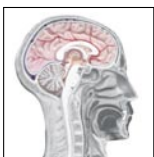
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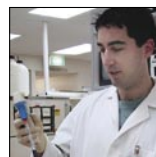
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The *Lumen* masthead is derived from the University of Adelaide motto "Sub Cruce Lumen" – the light (of learning) under the (Southern) Cross.

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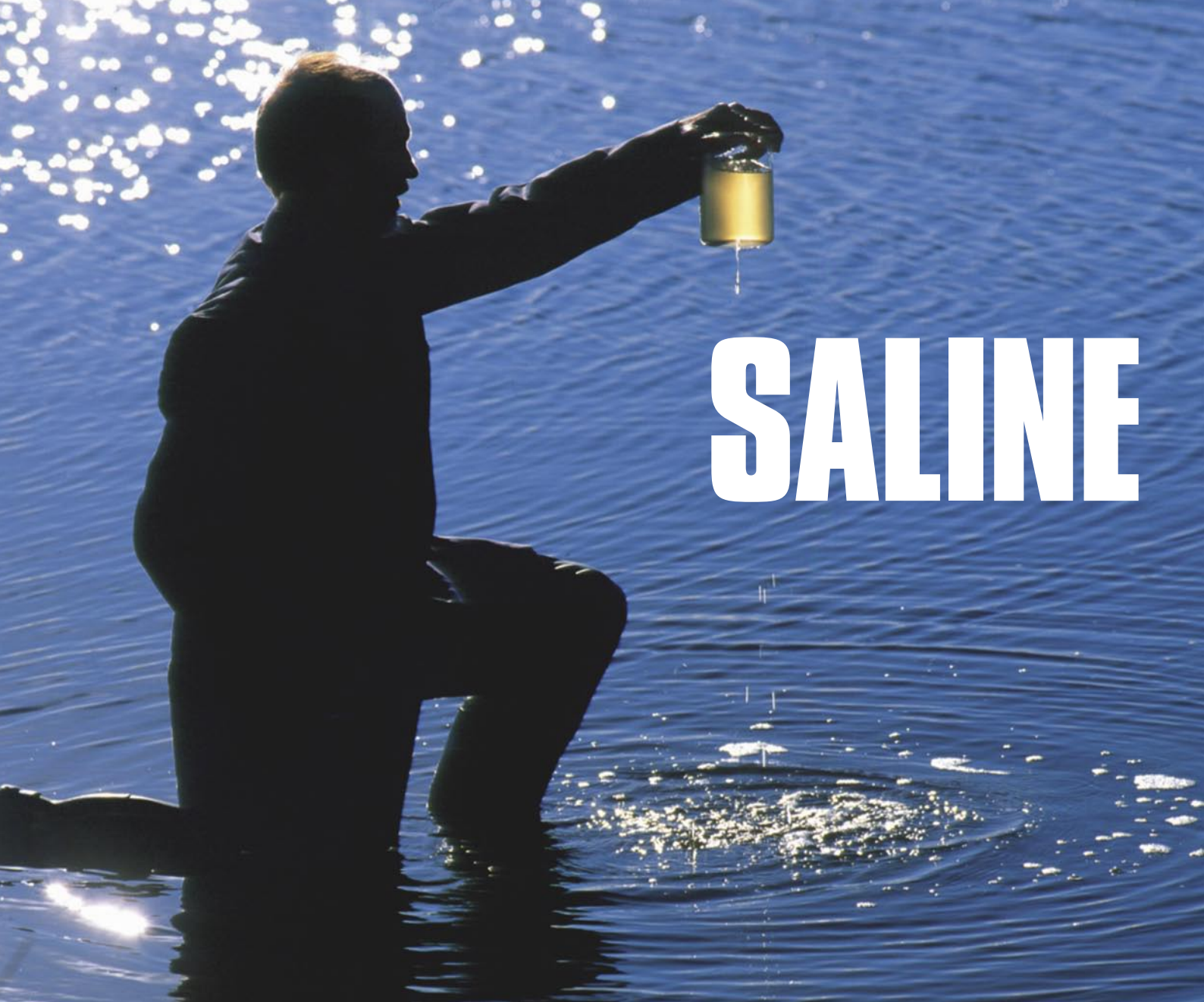
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SALINE

Never mind the debate on where to put our nuclear waste, what are we going to do with all the salt? DAVID ELLIS reports on growing concerns about the sustainability of our land and water, and the experts who are working to help solve the problems.

This summer, South Australians are getting the idea that our water resources are finite and in trouble. They're entering the summer with water restrictions imposed by the State Government, dictating householders' behaviour on such things as watering the garden and washing cars.

While most home owners might only think about the impact on their lives, at some level the water restrictions are also sending a message: there is a much greater impact at stake, and we all need to do something about it.

The University of Adelaide has some of Australia's best experts in the field of water resources management—earth, environmental and biological scientists, civil, environmental and

chemical engineers, mathematicians, geographers and social scientists, and others. Many of these are engaged in efforts to help save Australia's precious water resources, and its land, from the brink of disaster. And one of their greatest enemies in that battle is salt.

"I think a lot of people don't appreciate how difficult salt is to handle in the environment, either in water or in the soils," says Associate Professor David Chittleborough from the School of Earth & Environmental Sciences.

"It's one thing to worry about nitrogen, phosphorous, petroleum pollution or whatever, but salt is probably the hardest thing of all to deal with. It's so soluble, so

ubiquitous, and it causes so many problems."

Dr Chittleborough and Professor Graeme Dandy, Head of the School of Civil & Environmental Engineering, are leading efforts to encourage greater collaboration between the various researchers involved in water resources management at the University of Adelaide. They aim to establish a university-wide centre of excellence in this field, stamping Adelaide as a national leader in water expertise.

Dr Chittleborough says the biggest threat facing South Australia's land and water resources is salinity, due to the clearing of vegetation and other causes.

Solutions

“It’s a big problem in the south-east, a big problem on Eyre Peninsula, and increasingly so in parts of the Mount Lofty Ranges. I can show you some really nasty areas; how soils have been transformed, with iron crusts all over them as a result of the saline groundwater table rising up and causing mobilisation of iron out of soils. You can actually see an iron oxide on the surface of some soils—it’s just incredible.”

Soils lost to salinity represent a \$2.6 billion opportunity cost Australia-wide every year, he says.

“We’ve got about three million hectares in Australia that are ruined due to dryland salinity, and even with all of the remedial issues that we aim to put in place that figure is likely to go up to around 15 million hectares, if we’re lucky.

“Even now we don’t have the technology, through engineering or biology, to take care of it. The social, political and economic challenges, in addition to the science, are immense.”



Solutions

Despite the gloomy picture, Dr Chittleborough and Professor Dandy remain optimistic that researchers can find ways of dealing with the problem. The myriad of research projects being conducted at the University of Adelaide run the gamut of short, medium and long-term solutions.

Much work has already been done on the forecasting of saline slugs (pockets of high salinity) as they travel down the River Murray.

That doesn’t help in the understanding of what to do with the salt, but it does help with practical, short-term responses, Professor Dandy says.

“It’s estimated that the damage caused by salt in the River Murray, when it’s pumped to Adelaide, is something like \$30 million a year—that’s associated with corrosion, extra detergents and so on.

“But if you can forecast when saline slugs are coming down the river, say two or three months in advance, you can vary pumping from the Murray to suit. Perhaps ultimately we don’t want to be using the Murray, but for now, by forecasting movements of saline slugs you can vary your pumping, and without putting a lot of money into capital works you can actually reduce the impact of that salinity.

“Our researchers have been able to get very good forecasting results a month in advance (within two or three percent), so that’s been extremely successful so far.”

Another exciting prospect, and one that has longer-term consequences for South Australia’s water supplies, is the large-scale desalinisation (or removal of salt) from water. University of Adelaide engineers have research projects looking into this, one supported by an Australian Research Council (ARC) Linkage Grant with industry.

“Cost-wise, desalination is starting to become competitive with other



Professor Graeme Dandy



*Associate Professor
David Chittleborough*

Complexities

water sources—we're only talking about two to three dollars per cubic metre, and we're paying around a dollar now," Professor Dandy says.

"So if we can do it on a large scale, the question then becomes: are you better off desalinating sea water, or should you use water from the River Murray, and how do you integrate the desalinated water into the water supply system.

"At this stage there are problems with desalination in terms of energy requirements, and you finish up with a very concentrated saline brine, which you've got to dispose of in some way, but certainly it's starting to become an attractive option."

No one solution is going to be the answer for Australia's salinity problems, which is why it needs a collaborative, multi-disciplinary approach, Professor Dandy and Dr Chittleborough say.

"Water in the environment is like blood in our system—it links everything together, and you're just going to fail if you say the solution is to set up 200 desalination plants along the coast, and we're done, that's it.

"We've got to be conscious of the fact that it's not just a simple solution that we're dealing with, and that there are many people with expertise in a wide range of areas whose efforts are required to take us in the right direction."

The complex nature of the problem is illustrated in many ways. Proposed solutions have included draining saline water away from land, or flushing salt away from the Murray floodplains. In theory that might sound like a good idea, but "some solutions are worse than the cure", Dr Chittleborough says.

In these cases, not only will the salt find its way back into water systems, removing the salt can lead to major chemical reactions in the soil.

"The trouble is, in removing the salt you're leaving behind sodium," he says. "Sodium on clay soils will cause a major structural degradation; not only that, there are sulfurous deposits in many soils and sediments, and those sulfur-laden sediments will oxidise, and then you're generating sulfuric acid. That will have a major impact on the environment."

Wetlands researchers are currently looking into these issues, and others, as they affect areas such as the Murray-Darling basin, the Coorong, and many more of our precious natural systems.

Dr Chittleborough remains confident that researchers will come up with the right answers.

"I think Australia is ahead of everyone else in terms of understanding the issues," he says. "The reason we're ahead is that the problems are so much greater in Australia, and we've realised that the

holistic nature of getting a sustainable system requires bringing together all of our expertise—scientific, social, political, economic."

"By coming into Australia with a lot of European practices we've really messed things up badly, and we've had to address a lot of the problems," Professor Dandy adds. "We understood very little about the environment here, about the soils and the water, and we've had to work hard to build up that knowledge."

But the hope is tinged with a sense of realism: "We as a nation have created some big problems, and a lot of these problems you don't solve overnight."

Dr Chittleborough says that while research efforts will continue to look for new ways to combat the problem, "We're going to have to learn to live with salt in a way that we never thought we'd have to," he says.

"I don't think we [Australia] have realised the magnitude of the problem yet. That may seem a strange thing to say, given that the government's putting billions of dollars into trying to solve the issue of salinity and water quality. But I still don't think we understand the magnitude of the level of change in our whole way of living that this salinity issue poses. It's complicated, and it's going to play out over the next couple of decades in a major way." ■



Water management — national blueprint needed

In July this year, a group of Australia's leading environmental scientists, who adopted the collective name of "The Wentworth Group of Concerned Scientists", prepared a blueprint for a national water plan.

Dr Tim Flannery, University of Adelaide Affiliate Professor and Director of the South Australian Museum, is a member of the group, which advocates radical and fundamental reform to halt further degradation of Australia's landscapes.

"We need new strategies for managing water in the 21st Century because the ways of the 19th and 20th Centuries are no longer appropriate," a report by the Wentworth Group says.

"Our southern working rivers do not have enough water to sustain their health and we must not make the same mistakes in our northern rivers."

And in a report titled *Robust Reform: The Case for a New Water Entitlement System for Australia*, authors Professor Mike Young and J McColl, of the Policy and Economic

Research Unit CSIRO Land and Water, warn that by 2020, unless significant action is taken, it is expected that over 50% of the time, River Murray salinity at Morgan will fail to meet World Health Organization desirable drinking water standards.

They add, "between 20% and 40% of irrigation water needs to be returned to the stem of the River Murray so that it can be restored to a healthy working river".

According to Young and McColl's report, most commentators seem aware that the business case for fixing systems like the River Murray is compelling.

"Leave more water in the river, manage flow for both market and non-market benefit and remove flaws in allocation systems, and Gross Domestic Product will increase.

"As was the case with tariff reform, leaving more water in the River Murray and decreasing salinity impacts is a profitable investment," they write. ■

Story **Howard Salkow**

Living reconciliation

In 2005, Shouwn Oosting will graduate with a law degree from the University of Adelaide. Already armed with a Commerce degree and the honour of being a mace-bearer at this year's August graduations, Mr Oosting has quickly become a role model to his people.

"It is a known fact that Australia's Indigenous people are scarcely represented in the major professions such as law, accounting or medicine.

"I would love to see a greater representation of Indigenous people in the professional ranks to ensure that we have a voice in the future direction of the wider Australian community. I will do what I can to help," he says.

The 31-year-old, who was born in the Netherlands and hails from humble beginnings, says his message to future or potential students is, "don't be intimidated by the university experience".

"I consider myself an ordinary person. I come from a family with no academic background. We believed universities were for the elite and it took me more than eight years to overcome my own barriers and enter the system.

"When I look back, it was one of the best things I did in my life and I hope many will follow my example. Admittedly a strong commitment is crucial, but the hurdles are conquerable and the end result is satisfying," he says.

With this in mind, Mr Oosting views the University's signing of the Reconciliation Statement in July this year as a significant step.



Shouwn Oosting with his three children, Jerome (back), and twins Joshua (left) and Isaac.

The comprehensive 393-word Statement of Reconciliation affirms the University of Adelaide's commitment to the reconciliation process, as well as acknowledging and apologising for past injustices against Aboriginal and Torres Strait Islander communities.

Vice-Chancellor Professor James McWha says the statement is more than just words on paper.

"It is a living, working document which the entire university community can engage with," Professor McWha says.

Director of the Centre for Australian Indigenous Research & Studies Mr Roger Thomas says the statement heralds continuous improvement in

the relationship between the University of Adelaide and its Indigenous stakeholders.

"I am delighted that the University has taken this step and look forward to working together to ensure our ultimate goal of reconciliation is reached," Mr Thomas says.

The launching of the Statement of Reconciliation, says Shouwn Oosting, means that Indigenous people have equal opportunity and a chance to succeed in society.

"Coupled to this, the event was open and sincere and I am confident that Indigenous people who choose to study at the University of Adelaide, will benefit from the experience." ■

Medical students get a taste of country practice



A new program is giving medical students more practical skills, and at the same time creating a strong appreciation and understanding among future doctors of working in the country.

Among the 10 students who took part in this year's program were (front row, from left) Pip Lane, Kim Do and Jo Wood; (back row, from left) Kate Hancock, Rowan Valentine and Emily Tucker.

The program involves medical students from the University of Adelaide spending their fifth year working and training at country hospitals. They study the same curriculum as students in Adelaide, but because they are living and working in rural hospitals and rural areas, their education takes on a more integrated approach.

Ten students—most of them from metropolitan Adelaide—have this year had an opportunity to broaden their experience by undertaking the pilot program, which is run through the Spencer Gulf Rural Health School.

"Fifth year was chosen for a variety of reasons, in terms of what the students can offer and what they can gain from the experience," says Associate Professor Jonathan Newbury, joint head of the Spencer Gulf Rural Health School and lecturer in the University's Department of General Practice.

"In the case of this year's placements the students only stayed

for six weeks in one place. With their feedback we are making a few adjustments to the program for next year, and there will be extended placements in 2004.

"The strong message we are getting from the students this year is that the program has been extremely successful."

Students who took part in this year's program have moved around to hospitals and other health services in towns such as Port Pirie, Port Augusta, Port Lincoln, Booleroo Centre and Whyalla.

Each location offers a different learning experience, and some are strongly equipped to support certain areas of the students' curriculum. For example, the students have focused on obstetrics and gynaecology in Port Pirie and paediatrics in Port Augusta.

"The one-on-one teaching you get is much better," says Kim Do.

"You feel really integrated into medicine," Rowan Valentine says, "because you're there all the time, where it's happening."

"It really forces you to learn," says Emily Tucker, "and because you're in the country you have more time to dedicate to your work."

Phillipa (Pip) Lane says she was initially hesitant about the program. "I can't believe I took the chance to do it—it's given me the confidence to make some important decisions about my study for next year," she says.

"You get much better clinical experience in the country. It's just good to go out there and have a different experience, and see some of the State at the same time."

Kate Hancock and Joanne Wood were pleased that students who take part in the program in 2004 would have longer to stay in particular areas.

"I know when we were originally talking about it, we were saying 'I don't want to be in one place for too long', but having been to those places I know that you can get so much more from it," Jo says. ■

Story **David Ellis**



In to bat with Waugh

Joining Steve Waugh on a trip to India to provide aid to disadvantaged children isn't usually on the curriculum for Australian medical students.

However, three such students at the University of Adelaide recently had the opportunity to do exactly that.

Fifth-year students Matthew Hutchinson and Andrew Perry and second-year student Jan-Paul Kwasik joined the Australian Test cricket captain for a whirlwind trip to one of the world's most populous—and challenging—countries.

"It was a whirlwind trip because it only came about one week before we left," Matthew says.

"The three of us are committee members of the Adelaide Medical Students' Society and we went along to a fundraising lunch for Overseas Pharmaceutical Aid for Life (OPAL).

"Waugh was the guest speaker at the lunch. Having admired the guy on

the sporting field since I was a little tacker, it was great to meet him in person.

"If I had to describe Steve, I'd simply call him a top Aussie bloke. He was so friendly to us, as mere students, and spoke with a genuine passion about needy children in India. We were so inspired by what he said that we decided we wanted to help in whatever way we could.



Left: One of the medical facilities the students worked at. Below left: Andrew Perry attracts a crowd during a consultation. Below bottom: Matthew Hutchinson with a new admirer. Below top: Andrew Perry and Jan-Paul Kwasiak treating a small child.

"The opportunity to help out came our way sooner than expected, with OPAL asking us to join them on a trip to India just one week later!"

OPAL is an Adelaide-based not-for-profit organisation that sends medicines to areas of need in more than 30 countries.

As part of their travels, the students visited the Udayan Rehabilitation Centre and Orphanage Home, of which Waugh is patron.

They also set up a clinic in a small village two hours north of Calcutta, in the process encountering disease and poverty on a massive scale. Two seriously ill children even required emergency surgery.

"Coming from Australia, where we have nowhere near the same levels of poverty, disease and lack of access to medical care, it was a real shock initially," Andrew says.

"You couldn't possibly say it was fun, but we learnt a lot and it gave us an opportunity to help.

"For the medical profession, being able to help those less fortunate is a big part of who we are and what we do, and to be able to do it in such circumstances was amazing."

Being able to accompany someone so revered by Indians as Waugh was an experience in itself.

"He is an absolute god to them," Jan-Paul says. "They are so passionate about their cricket and obviously respect him as a cricketer, but it's also the fact that he chooses to return to their country in his own time to help out those less fortunate.



"At the home he's the patron of, he had a few hits with the kids. He hit the first couple of deliveries for a couple of catches, and then he just started to belt them all over the park.

"The kids didn't care, they loved it that they were getting smashed around by one of the best cricketers in the world."

Papua New Guinea is the next destination for the three. They leave in December and spend four weeks

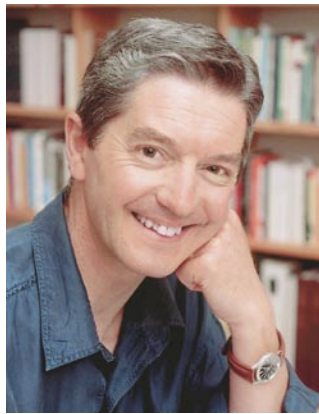
in an isolated village in the Western Highlands—and if it's anything like their Indian adventure, they will be in for a challenging time.

"Going to India was a fantastic and enriching experience," Jan-Paul says. "Knowing that we made such an impact on the lives of so many people is very satisfying, and all three of us would go and do it or something similar again in a heartbeat." ■

Story **Ben Osborne**



Speaking the past around the globe



*It's an unlikely trio: Adelaide,
Leeds, and Kalamazoo.*

But for aficionados of seminal English poet Geoffrey Chaucer—known as Chaucerians—the three cities have a special resonance.

Adelaide is home to one of the leading exponents of medieval pronunciation in the world, Dr Tom Burton, who is also Reader in the University of the Adelaide's Discipline of English.

Dr Burton travels regularly around the globe to perform and record Chaucer works for the studio he founded in the late 1980s, the Chaucer Studio.

He has appeared many times at New Chaucer Society conferences and at one of the biggest Chaucer-fests in the world, the International Medieval Congress held annually in Leeds.

And this year, he made his long-awaited debut at perhaps the biggest Chaucer-fest of them all, the International Congress on Medieval Studies held each year at Kalamazoo, Michigan.

"Leeds has never been a problem to attend because it always falls in our mid-year break—but Kalamazoo is in May, and I can never go, because that's in prime teaching time," he says.

"This year I was lucky enough to be able to go and it was an unforgettable experience—it was well worth waiting for!"

Dr Burton's work with the Chaucer Studio ensures that he is a man in demand for events like Leeds and Kalamazoo.

The Studio is a non-profit organisation which makes recordings of medieval texts in what is thought to have been the contemporary pronunciation—most notably of Chaucer—at very cheap prices.

These recordings are used primarily as teaching aids by academics from all around the world who specialise in the medieval area.

"Chaucer's poetry was written to be read aloud to be heard, rather than silently read," Dr Burton says. "To our

modern eyes, Chaucer's material is full of words that are spelt wrongly and lines that don't rhyme or scan, which means it doesn't make a whole lot of sense to newcomers.

"Reading it aloud and with the correct pronunciation makes the poetry come alive—it's more fun, it's easier to remember, and it's so much easier to understand the meaning of what is being said."

University of Adelaide Bachelor of Arts students Katherine Davies and Philip Thiel (who both studied Medieval English Literature at third-year level) have also got involved in the process, recording two of Chaucer's Canterbury Tales at Radio Adelaide earlier this year.

The Studio will celebrate 2004 by becoming a publisher of books on medieval literature as well as recordings. ■

english.byu.edu.au/Chaucer/

Story **Ben Osborne**



Ford Madox Brown
 Chaucer at the court of Edward III, 1847-1851
 oil on canvas, 372 x 296cm
 Purchased 1876
 Collection: Art Gallery of NSW
 photograph: Christopher Snee /Jenni Carter for AGNSW

How do we stop the ageing ‘apocalypse’?

For almost two decades the University of Adelaide’s Professor Graeme Hugo has researched population geography and demography, social geography, demographic trends (especially population mobility) and development in South-East Asia.

In addition, he has studied the impact of development on economic and social wellbeing in South-East Asia; population trends and their implications in Australia; immigration and its changing patterns, causes and implications for social and economic change.

And based on the accurate and sophisticated data he has made available through presentations and research publications, it is hardly surprising he is regarded as the foremost demographer in Australia.

He’ll tell you it’s a passion, perhaps a life-long ambition. And the information he is providing is crucial for future generations.

Only recently, Professor Hugo, who is Professor of Geography and Director of the National Centre for Social Applications of Geographical Information Systems, delivered some startling figures regarding Australia’s ageing population¹.

At the same time, though, he did temper his comments by saying time is on our side.

“Australia is facing a situation where its older population will more than double in the next 30 years,” he says.

“This is too often depicted in apocalyptic terms. In fact, the greying of Australia can be managed with no loss of wellbeing for the older population as well as the cost to the community.”

But Professor Hugo says this goal will not be achieved without intelligent and timely policy development and planning at national, state and local levels.

“Ageing in Australia, although substantial, will not reach the levels of many European countries due to its younger age structure, higher fertility and significant immigration. However, substantial changes will occur.”

Professor Hugo says Australia has an advantage in that the real impact of these changes will not take effect well into the 2020s when the early baby boomers move into their late 70s.

“This will provide the necessary time to plan and prepare for the adjustments that need to be made at national, state, and community levels.

“This will enable us to cope with and take advantage of the inevitable changes in the number and characteristics of our older population and their increased share of the total community,” he says.

But he cautions that it is crucial that these urgently needed planning and policy efforts be coordinated to avoid overlap and waste of scarce resources and to maximise equity, wellbeing and the involvement of the resources of the older people.

In terms of why our population is ageing, it’s important to appreciate that as fertility and mortality rates fall, populations age.

According to a paper titled, “The Impact of Immigration on the Ageing of Australia’s Population”² Australia—like other advanced industrialised countries,—has seen fertility and mortality rates fall for more than a century.

In 1870, 42% of Australia’s population were aged less than 15 years and 2% were aged 65 years and

over. In 1998, 21% were less than 15 and 12% were 65 and over.

But back to Professor Hugo and his speculation regarding what particular characteristics the post-war baby boom will bring to old age.

“They will certainly expand the numbers of older Australians like no other generation before them. But limited research has been done into how they will differ from earlier generations of older people and what that will mean for service provision, including social service provision.”

In offering some informed speculations, Professor Hugo says this will be one of the first generations influenced by large scale laying off of workers in their 40s and 50s, they will have fewer children, have higher levels of education and will be more health conscious than earlier generations.

Those researching this subject 50 years from now will no doubt view early 21st Century research with great interest and perhaps marvel at its potential accuracy.

Story **Howard Salkow**

1. *Leading with Diversity: Cultural, Social and Environmental Diversity in Planning*, by Professor Graeme Hugo. Adelaide Convention Centre, 1 April 2003.

2. *The Impact of Immigration on the Ageing of Australia’s Population*, Professor Peter McDonald and Rebecca Kippen (ANU), May 1999.



Not only are Australians getting older, they are also working harder and for longer.

Dr Barbara Pocock, Queen Elizabeth Research Fellow in the School of Social Sciences, is one of Australia's leading researchers into how people's working conditions affect their lives.

She says an ageing population and their associated work demands will have a massive impact at a social level—not only for their generation, but the generation coming through.

"Changing work conditions are already causing a collision between work and life: Australians are working harder and for longer, but with very little change in workplaces, schools and the cultures of work and maternity and the distribution of domestic work," she says.

"This collision is placing intense pressure on the quality of life for not only the individual people involved but their families. Many Australians see a link between the circumstances of their paid work, and their reproduction and family lives.

"With a new generation having witnessed the work/life collision of their parents, many are determined not to repeat it."

After publishing her book *The Work/Life Collision* earlier this year, Dr Pocock is embarking on research to find out how young people view their parents' work and what they expect their working and household futures to be like.

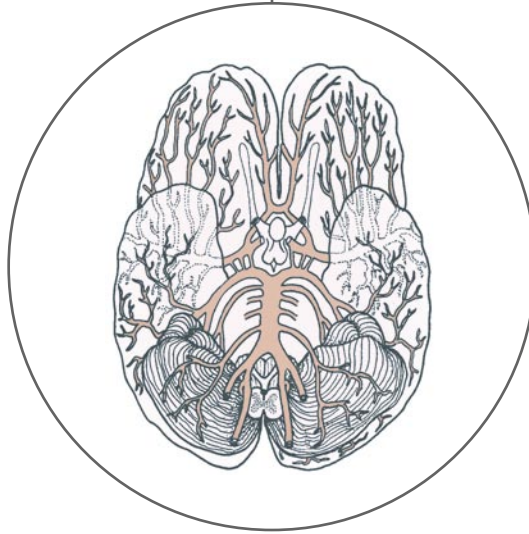
Funded by The Australia Institute, she will interview 11-year-olds and 17-year-olds in Adelaide, Sydney and country Australia.

"How do their parents' longer hours affect them? Are they hesitant to take on the kinds of work patterns that their parents have? These are some of the questions I'm investigating," she says.

"Our next generation of workers will be influenced by what they have seen and experienced in the generation before them, and hopefully my research will give planners and policy makers a chance to deal with these issues now, rather than later." ■

Story **Ben Osborne**

grey matters



New research is hoping to change our understanding of what constitutes brain damage.

All it takes is a sharp blow to the head. Car accidents, contact sport, a drunken fall—they all pose a risk of causing brain damage. But while cases of severe brain trauma are widely recognised among the medical community, there are other levels of brain damage that may be serious but remain hidden and go unrecognised.

These are cases of mild brain trauma, where the symptoms are not as obvious as those severe cases, and where current measures of testing for brain damage are not so sensitive, allowing potential problems to escape diagnosis.

“Mild brain injuries are quite prevalent, but the mild ones are controversial because they’re more hidden and difficult to prove,” says Dr Jane

Mathias, a Senior Lecturer in the University of Adelaide’s Department of Psychology and head of a collaborative research team looking into new measures for testing mild brain injuries.

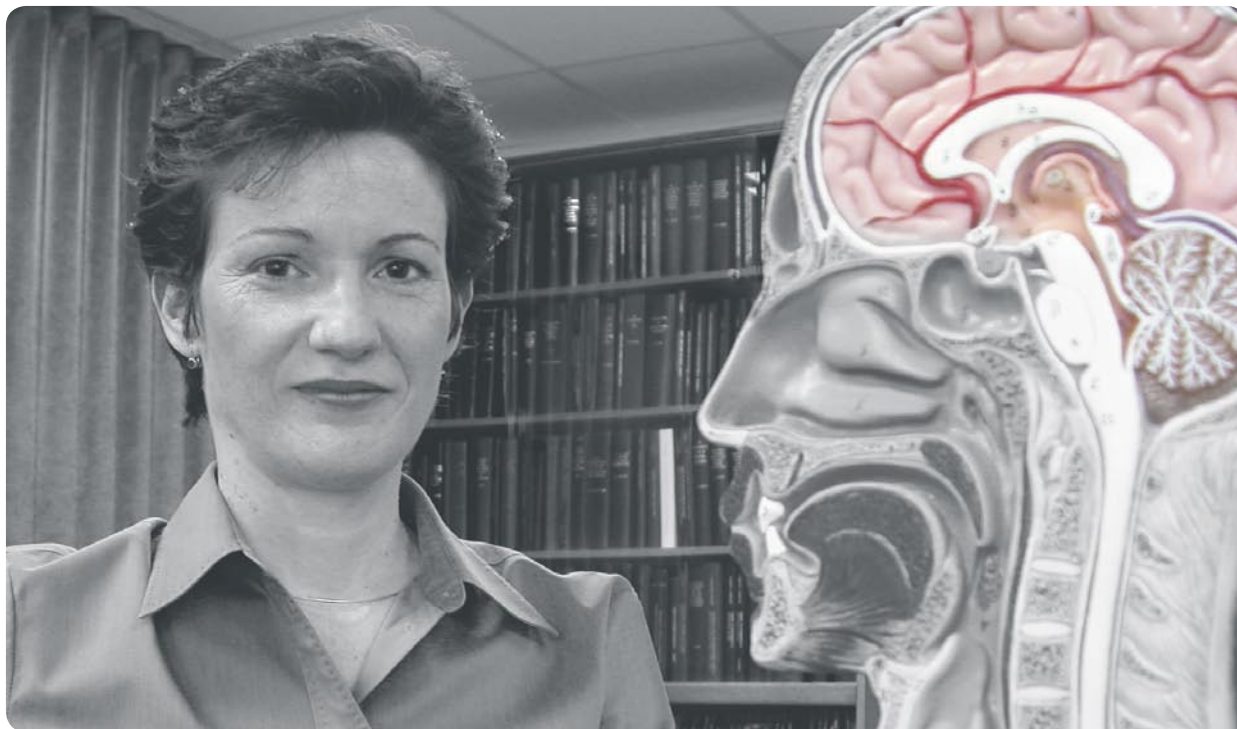
‘young people...are more susceptible to mild brain injury’

“There’s controversy over whether or not these injuries cause genuine problems, or whether people are claiming to have problems when they don’t, or in fact claiming to have more serious problems than they do.

“We know that there’s a whole set of fibres that allows one hemisphere of the brain to talk to the other, and those fibres are particularly vulnerable to damage in mild injuries.

“The difficulty is that the techniques we have, such as brain imaging and many currently used psychological tests, often do not pick up the actual underlying damage that may be caused by mild brain trauma,” she says.

The research, funded by a grant from the National Health and Medical Research Council, aims to develop alternative psychological tests, new ways of evaluating medical imaging scans and other methods to help identify patients who are suffering from the effects of mild brain injuries.



Dr Jane Mathias

While this has the ultimate spin-off—ensuring that patients will one day receive the care management they deserve—the research also has other positive benefits for the health system, by helping in the diagnosis and management of what would otherwise be undetected and unresolved (and therefore costly) medical issues.

Dr Mathias says young people, particularly young males, are more susceptible to mild brain injury because they are often engaged in more high-risk behaviour, such as drinking alcohol, driving at high speeds and playing contact sports.

“It is a group that mild brain injury has very long-term consequences for. These are people who are generally quite young, and if they have any serious problems they may have to deal with them for a very long time.

“One of the difficulties is that their symptoms—such as fatigue, feeling mentally dull, headaches, poor concentration and poor memory—are

‘There’s controversy over whether or not these injuries cause genuine problems’

not specific to traumatic brain injury, and so it can be difficult to determine the exact cause of the symptoms.

“You’ll often come across people who are suffering from these problems and they’ll say, ‘no one told me this was going to happen’, and they feel really frustrated by the medical system for not meeting their needs,” Dr Mathias says.

To help tackle the problem, Dr Mathias is collaborating with a number of academics and clinicians in Adelaide, Melbourne, and the United States, including experts in

neurosurgery (Professor Nigel Jones of the University’s Department of Neurosurgery at the Royal Adelaide Hospital) and medical imaging (Professor Erin Bigler, Brigham Young University, Provo, Utah).

Data is being gathered from head injury patients admitted to the Royal Adelaide Hospital and the Alfred Hospital in Melbourne, with around 300 people expected to participate over the course of the study.

Dr Mathias this year won an award for a presentation of her work at a brain injury conference in Stockholm, Sweden. She says Australia and other parts of the world still have some way to go in recognising the potential seriousness of mild brain trauma.

“We’re hoping that our experimental measures for testing the effects of mild brain damage will yield some positive results, which we hope will ultimately lead to improvements in patient care.” ■

Story **David Ellis**



Every kid's dream a reality for Ursula



*Ursula Beaumont cheerfully admits
hers isn't the ordinary career path.*

After graduating in the University of Adelaide's Master of Creative Writing program, she's now the Artistic Director of a youth circus company, Cirkidz.

The 27-year-old has a passion for drama, performance and the circus, and has supplemented this with two degrees from Adelaide: a Bachelor of Arts which she completed in 1996, and her MA, completed in 1999.

Even stranger, she did no English subjects for her undergraduate degree, instead majoring in drama.

So, how exactly does one go from a Creative Writing MA to directing a circus?

"I had the link with Cirkidz from before going to uni," Ms Beaumont says. "I was a performer with the circus as a teenager, and kept the links up while I was at uni—teaching at Cirkidz and also doing various administrative jobs there helped me get through uni financially.

"When I did drama as part of my undergrad degree, I really loved the writing part of it.

"The MA was an extension of that, for me to learn more about writing for the stage and for live performance. I was lucky enough to be in the right

place at the right time when the Artistic Director position came up, and here I am!"

Life as the Cirkidz Artistic Director keeps Ms Beaumont very busy.

The company, which has a glorious old church and surrounds in Bowden for its training and administrative base, has three main lines of activity: a circus school for children aged between 3 to 18 to attend once a week; workshops both at schools and its base; and the Performing Troupe—an ensemble of twelve young performers aged 9 to 18, selected from the Circus School.

The Performing Troupe performs regularly at events around the city, including the University of Adelaide's Open Day earlier this year.

"Being the Artistic Director is a mix of the creative and administrative. You have to be able to do both in order to be successful," she says.

"Doing the Masters also combined these things, so it was a great grounding.

"After not studying for a while, I am starting to think about doing a PhD—it's just a matter of fitting it in!" ■

Story **Ben Osborne**

Wonderful journey for twin talents

The musical journey of Pei-Sian and Pei-Jee Ng has just begun.

The identical twins and world-class cellists have taken up major scholarships at the acclaimed Royal Northern College of Music in Manchester.

This, after already studying for their Bachelor of Music (Honours) degree at the University of Adelaide's Elder School of Music under the guidance of Janis Laurs, and winning numerous State and national awards and prizes.

And they're still only 19!

The Ngs left Adelaide for Manchester in late September, after each was awarded two-year scholarships valued at a combined total of more than \$120,000.

Pei-Sian received the Elder School of Music's most prestigious scholarship, the Elder Overseas Scholarship. This scholarship was established in 1883 by an endowment from Sir Thomas Elder, and has been held by such eminent Adelaide music graduates as Dr Miriam Hyde AO and, most recently, baritone Grant Doyle.

In addition, Pei-Sian received another award linked to the Elder Overseas Scholarship, from the Victoria League for Commonwealth Friendship SA.

Pei-Jee was awarded one of the world's most coveted and valuable music awards, an International Postgraduate Scholarship from the Associated Board of the Royal Schools of Music.

The down-to-earth and likable twins say they are looking forward to the challenges—and opportunities—studying at one of the world's best music institutions will provide.

"It's a real thrill to be able to study with some of the best teachers in the world at the Royal Northern College of Music," Pei-Jee says. "At the same time, we will have to work very hard to keep improving and to give us the best chance of getting our careers off to a good start."



Pei-Jee (left) and Pei-Sian Ng

"At some stage we would have had to leave Adelaide to further our careers, and it's fantastic that we can do it together at Manchester," Pei-Sian says. "But we couldn't have got to where we are without studying at the Elder School of Music and learning from people like Janis Laurs."

Elder Professor of Music and Dean of the Elder School of Music Professor Charles Bodman Rae makes no secret of his admiration for the twins and says their prospects for long and fruitful international careers are excellent.

"I regard them both as exceptionally talented and accomplished musicians who are well on their way to making significant contributions in their field," he says.

"In a way it is sad to lose them, but travelling and studying overseas is what they need to do at this stage in their careers. It also reinforces that the Elder School of Music is continuing on its proud tradition of consistently producing world-class musicians." ■

Story **Ben Osborne**

Vice-Chancellor's Scholarships Fund Appeal



At the heart of the depth of support for our University in the community is a shared sense of pride in all we have achieved over the years, and an appreciation of the influence and excellence of our graduates and the impact they have made on our lives. Our pioneering graduates and staff have been associated with four Nobel prizes, extended the frontiers of medical and scientific research, travelled to extreme environments, and even ventured into space. These are wonderful examples of ways in which our University can be a powerful and effective vehicle for education, research, innovation and ideas. Our past, present and future graduates are the embodiment of our success.



Many worthy students, however, struggle to support themselves as they start their academic careers. New students face many financial pressures, from finding a place to live, to buying required books and materials. When coming to Adelaide from the country or interstate, the challenges may be even greater.

Lan Lieu and Troy Tobin, the inaugural recipients of the Vice-Chancellor's Scholarships, are outstanding examples of the bright and talented students who will go on to have an impact in our community as a result of their education and the community support they have experienced.

There are others like them who need the help of our University of Adelaide community.

We seek your support for the Vice-Chancellor's Scholarships Fund, which will help these academically gifted students gain a start at the University of Adelaide every year.

Your generous donation will enhance not only the status of our institution as an outstanding place of learning and research, but will serve to maintain the high regard in which graduates of the University of Adelaide are held around the world.

Your gift will be placed in an endowment fund to provide ongoing support for years to come.

To make a donation, please contact the Alumni, Community Relations and Development office on (08) 8303 5800.

JAMES A. McWHIRTER



Troy Tobin from Wallaroo and Lan Lieu from Mt Gambier, the inaugural recipients of the Vice-Chancellor's Scholarships, are exceptional students who have successfully made the transition from high school and living at home in the country, to studying at university and living independently. Both have undertaken challenging fields of study. For Troy that challenge comes in the form of a double degree in Engineering (Electrical and Electronic), while Lan is undertaking a Bachelor of Science (Optics and Photonics).

Life for all new students presents many challenges and the burden for country students can be even more daunting. Both Troy and Lan agree that they have benefited enormously from receiving the scholarship. "It relieves the pressure to get a job and motivates you to do well," Troy said. Both students are achieving outstanding results as a consequence, the financial support having made a huge difference in the way in which they can apply themselves to their studies.

At the same time, they have been able to continue with sporting and recreational interests while still achieving Distinctions and High Distinctions. "The scholarship gives you the flexibility to do a range of things," Lan said. "You have to have a balance in life and the scholarship allows greater ease of achieving that balance."



Troy and Lan have a bright and optimistic view of their future career prospects and have proven themselves to be very worthy recipients of the inaugural Vice-Chancellor's Scholarships. It is vital that we continue to award the Vice-Chancellor's Scholarships annually so that we can make a difference to the lives of outstanding young people who may otherwise not have the opportunity to attend university.

Iconic figure still a philosophical force

One of the University of Adelaide's greatest Vice-Chancellors was also an important figure in the history of philosophy, a new book published in the US reminds us.

The building that bears his name stands as a monument to the unique and lasting contribution to the University of Adelaide of Sir William Mitchell.

While best remembered as an outstanding Vice-Chancellor for 27 years (1916-1942) and later Chancellor (1942-48), Scottish-born Mitchell also had an impressive record as an academic.

Mitchell's interests were wide-ranging, from zoology, to anatomy, psychology, economics, politics, and the theory and practice of education. But philosophy was his main academic love. In 1907 he established his reputation with the publication of a book, *Structure and Growth of the Mind*, and later published *The Place of Minds in the World*.

Almost a century later, a new book reaffirms Mitchell's standing in the world of philosophy. *A Mind's Own Place: The Philosophy of Sir William Mitchell (1861-1962)* is written by Dr W. Martin Davies and was published this year by Edwin Mellen Press in the United States.

The book is part of a series on the history of philosophy, and argues that Mitchell's work—into what is now known as “cognitive science”—is still very much relevant to philosophers today.

Dr Davies, a lecturer at the University of Melbourne, submitted his book as a second PhD to the University of Adelaide (his first was from Flinders University). The work earned him an ARC small grant and two ArtsSA grants, and the \$22,000 H.J. Allen Prize from the University's Philosophy department. The prize was donated to the University by H.J. Allen, who was one of Mitchell's former students.



In the late 1980s Davies became interested in Scottish philosophical traditions and their influence on Australia, but realised that nothing had been done on the South Australian connection.

“I had never heard of Mitchell really, which was embarrassing as I was studying philosophy in South Australia,” Davies admits. “It then became a puzzle: why someone who had published two major philosophical works, and had a building on North Terrace named after him (and an electoral boundary) was essentially unknown in terms of his academic ideas.

“In some areas of philosophy we are guilty of ignoring our own traditions and focusing on the recent, trendy empirical work. Of course, recent

work is interesting and important, but we also need to remind ourselves of what intellectuals have done in the past, as their contributions can be important too.

“It turns out that Mitchell was anticipating many of the debates in recent cognitive science,” he says.

Davies says the five years of hard work on his book—which has received widespread praise from Australian philosophers—have been personally gratifying.

“It was good to write about a person on which there was literally no work, and I'm glad to have made a contribution to understanding the history of philosophy in Australia,” he says. ■

Story David Ellis

Our Vision

"To foster an environment in which the Association contributes to the life of the University and to develop relationships which are mutually beneficial to Association members, the University and the broader community."



"A university is not only about teaching and research, it is also about people, its alumni. For over 125 years the University of Adelaide has attracted academics of renown, students of excellence and high quality administrative support staff. Their achievements have made the University a great institution, and have set it on a path to becoming one of the world's great universities. Part of the University's success is also attributable to the support and commitment of its many friends and generous benefactors both in Australia and overseas."

The Hon Greg Crafter (LLB 1978), Chair, Alumni Association

The Alumni Association chapter program supports University of Adelaide alumni and friends of the University in continuing their connection and interaction with each other and with the University community through a variety of activities. This leads to personal and professional development, adds value to the communities in which we live, and increases the understanding and support of the University, its needs and its future.

"It's a great way to maintain contacts with other young professionals in different industries, especially with Commerce graduates where there is a variety of professionals."

**Frances Lacar (B.Com 2000, B.Com Hons 2002),
Commerce Chapter member**

*Frances is currently employed with Santos as a Technical Officer,
Engineering & Facilities – Corporate*



"Involvement in the Alumni broadens my awareness of and contact with the University's community and provides me with numerous opportunities to contribute to the social and political life of the institutional culture."

**Farley Wright (BA Hons 1998), President, Friends of the
University of Adelaide Library Chapter**

*Farley is currently completing his PhD on 'Techno(dys)topias' in
the English Department, University of Adelaide*

For further information on how you can be involved, please contact:

Alumni, Community Relations and Development

The University of Adelaide SA 5005 AUSTRALIA

Tel: +61 8 8303 5800 Fax: +61 8 8303 5808

Email: alumni@adelaide.edu.au www.adelaide.edu.au/alumni

■ WHO ARE ALUMNI?

The University of Adelaide's Alumni Association recognises current students, former students, graduates and staff (current and former) as alumni.

Friends of the University are also welcome to support the University of Adelaide through membership of the Alumni Association.

■ HOW DO I JOIN THE ALUMNI ASSOCIATION?

Membership is FREE! Graduates of the University, since the Graduation Ceremonies in December 2000, are automatically entered as members of the Alumni Association. Prior to this time only alumni who paid a membership fee were entitled to become members. Membership fees were abolished in June 2000 at the Association's Annual General Meeting. All members prior to this time, including those whose fees had lapsed, have current membership status. Alumni who graduated prior to December 2000 and who had not paid membership fees in the past need to REGISTER with the Alumni Association to become a member. Registration can be completed online at www.adelaide.edu.au/alumni or by contacting the Alumni, Community Relations and Development office at +61 8 8303 5800.

■ HOW DO I KNOW IF I AM A REGISTERED MEMBER?

If you receive a copy of LUMEN by mail then you are a member of the Alumni Association. If you are not sure of your membership status please contact the Alumni, Community Relations and Development office at alumni@adelaide.edu.au or +61 8 8303 5800.

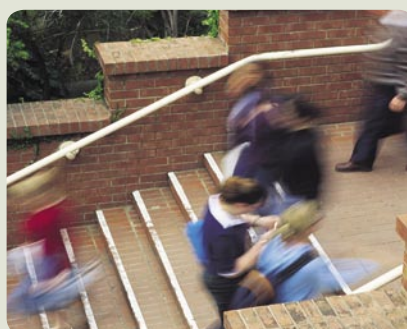
■ WHAT ARE THE BENEFITS OF JOINING THE ALUMNI ASSOCIATION?

Alumni receive special discounts on services such as borrowing rights from the Barr Smith Library and after hours parking at the North Terrace campus. Programs organised specifically for alumni by the Association's Chapters provide excellent networking opportunities, professional development and social interaction with fellow graduates and colleagues in your profession. You will also receive information about teaching and research at the University of Adelaide, achievements of graduates in their careers and in their communities, and how you can reconnect with fellow graduates through the University's reunion program.

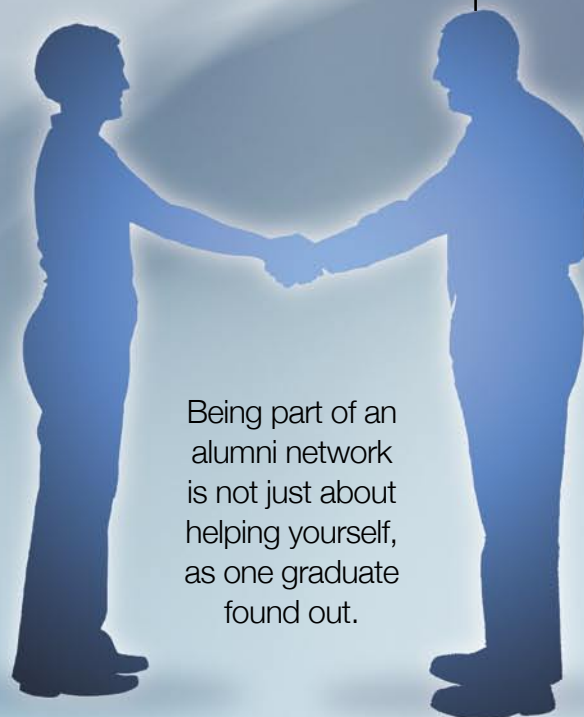
■ WHERE DO I FIND INFORMATION ABOUT ALUMNI ACTIVITIES?

Alumni events organised by the Alumni, Community Relations and Development office or through the Association's Chapters are profiled on our website at www.adelaide.edu.au/alumni/ne/events.html

An electronic newsletter, Adelaide-Link, is also sent to registered members (for whom we have current email addresses) every other month commencing in February of each calendar year. Individual chapters also send information directly to their members via the post or the internet. If you are interested in receiving information on any particular chapter or being sent the electronic newsletter please contact us at alumni@adelaide.edu.au or +61 8 8303 5800.



Keeping in touch can make an impact



Being part of an alumni network is not just about helping yourself, as one graduate found out.

Ann Marie Chandy was worried about attending her first university alumni reunion dinner this year—but she didn't regret it.

A graduate of the University of Adelaide with a Bachelor of Arts in 1990, Ann Marie is now an Assistant Editor with *The Star*, a major daily newspaper in her home country, Malaysia.

She attended the annual reunion dinner for the West Malaysian Alumni chapter held at the Hyatt Regency Saujana in March.

"It was the first time I had gone for a function of that nature even though the alumni [chapter] has existed for the last eight years," Ann Marie wrote in a special column in *The Star* soon after the event.

"I don't know what exactly made me go. Other than the social aspect, what's a reunion for? And apart from the Australian friends I had made at uni, I didn't know many Malaysian alumni members that I wanted to meet again. Still, I was coaxed by an old friend into purchasing two tickets. The money would go to charity, he assured me.

"As both my sister and I had attended Adelaide University in the 80s, it made most sense to rope her in as well. So

we both went to the Hyatt Regency Saujana Ballroom expecting a good dinner and maybe to see a familiar face or two."

Ann Marie said she soon settled into the event, with a light atmosphere and friendly company adding to her enjoyment. She was inspired by the address given by fellow University of Adelaide graduate, YB Datuk Seri Panglima Joseph Pairin Datuk Kitingan

“What could be more appropriate than giving the gift of education to children who otherwise would not have the opportunity?”

(LLB 1970), former Chief Minister of Sabah, and further inspired by the Alumni chapter's establishment of an Education Outreach Programme. As part of the programme, alumni members are assisting underprivileged children to achieve their educational aspirations.

That University of Adelaide alumni were prepared to do something selfless for those less fortunate was the real turning point for Ann Marie.

"What could be more appropriate than giving the gift of education to children who otherwise would not have the opportunity?" she wrote.

"It was then that I felt that the evening had not gone to waste. Here was a group of people—of all ages, races, professions and income groups—who had once studied in the hallowed halls of the University who had gone on to make something of our lives and were now in the position to give something back to society."

It's one thing to devise an idea, it's quite another to commit to it and make it happen. "But the Adelaide University Alumni has a young, enthusiastic committee," she wrote, "and many mature, successful, prominent alumni who are quite capable of making this venture work."

Ann Marie was hopeful that, at the next reunion, "we'll have something to show for it. And then I won't have to rack my brain for a reason to attend the dinner".

"As it turned out, I had fun that night, made some new friends, even danced a little and at the end of the day, felt good that I may also be able to lend a hand to someone else in need." ■

Story **David Ellis**

Building the future

"My husband David and I enjoy classical music and the Elder Conservatorium has provided many hours of pleasure for us. The achievements of the Elder are recognised worldwide through the accomplishments of its alumni and our bequest is specifically to aid, in due course, the purchase of Steinway pianos. This is our expression of appreciation of the role the Elder has in music education, its presentation of events and its support of artistic endeavour."

Diana Coffey

People sometimes believe that it is only the sizeable donations or bequests that form the fibre of academic institutions' wellbeing. In most cases, however, this is far from the truth. Each contribution to the University, whatever its size, really does make a difference. Many of the University's facilities have been built with the generous support of individuals and alumni. A gift through a Will is a powerful way of assisting the University of Adelaide long into the future.

The University of Adelaide has, throughout its history, been the recipient of bequests from its alumni and friends in our community. This generosity has provided magnificent buildings and grounds, including the

wonderful Waite campus. The Sir Thomas Elder bequest established the Elder Conservatorium of Music and built Elder Hall as its home in 1897. Many innovative and important research projects have been supported and valuable funding provided for scholarships, academic posts and much-needed library resources.

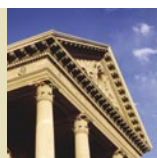
More recently, a prize has been established in the Psychology Department from the Estate of Dr Frank Dalziel. Dr Dalziel worked in the department for 37 years. This prize in his memory provides much appreciated assistance to postgraduate students. The Estate of the late Dame Roma Mitchell, former Governor of South Australia and Chancellor of the University of Adelaide, will in time

be used to continue our tradition of excellence in the Law School.

Notice has been received of a sizeable legacy from the Estate of the late Dr Victor Edgeloe, Emeritus Registrar, to be used to endow a scholarship in the Elder School of Music and to provide funding for the Barr Smith Library Special Collections. Two other future anonymous bequests will endow an annual prize in the Department of Environmental Biology and fund a research project within the Department of Psychology to be undertaken on the diagnosis, treatment and support of people with mental illness.

If you would like advice on any aspect of making a bequest to the University, please contact the Alumni, Community Relations and Development office. Even if you do not need advice, please consider letting us know of your intentions. It is often a source of regret that we do not learn of the generosity of our benefactors until it is too late to thank them personally.

Judith Edwards
Donor Relations Officer



Barr Smith Library Appeal

SUPPORT OF BARR SMITH LIBRARY PASSES \$129,000

On 30 September a special event was held in the Reading Room of the Barr Smith Library to thank donors to the 2003 Barr Smith Library Appeals. The support given to the appeals is outstanding with more than \$50,000 in donations to the main appeal, and a further \$29,000 in pledges and donations to support the purchase of journals in Dentistry. This takes the support since 2002 to nearly \$130,000. The event was attended by more than 100 guests, including Lady Downer, Patron of the Friends of the Barr Smith Library, the Chancellor and the Vice-Chancellor.

In acknowledging the many supporters of the University Library, Vice-Chancellor Professor James McWha commented that the increase in support during 2003 was a significant indication of the high esteem in which the library is held. "Over 800 contributions have been made to this appeal since last year, a wonderful sign of how our students' and graduates' lives have been enriched by their experiences in our Libraries. We are all very grateful for this support."

The Chancellor of the University, Mr Robert Champion de Crespigny AC, reflected on the long tradition of benefaction to the Library, including significant gifts from the Barr Smith

Family and the Benham Estate which still provide income for the Library. Mr Champion de Crespigny also noted the great tradition of donating private collections to the University Library, most significantly those of Sir Samuel Way and Ralph Hague. Furthermore, he pointed out that although these may be grand benefactions, the Library in fact receives several hundred contributions a year, including one or two items at a time. The Elder Music Library, for example, has benefited from several thousand CDs, all used daily by students at the Elder School of Music.

At the event the Chancellor launched the Barr Smith Library Register of Donors which will record for perpetuity the names of supporters of the library. In thanking the Chancellor for his speech, Lady Downer reflected on her family's long relationship with the library and how proud she is to have a strong association with the Barr Smith Library to this day.

To receive further information about supporting the Barr Smith Library, please contact:

Alumni, Community Relations and Development at
development@adelaide.edu.au or phone +618 8303 5800.

A gift for today that allows for a gift for tomorrow

phi-lan-thro-py *n. pl. phi-lan-thro-pies*
The effort or inclination to increase the well-being of humankind, as by charitable aid or donations.
Love of humankind in general.
Something, such as an activity or institution, intended to promote human welfare.

Source: The American Heritage® Dictionary of the English Language, Fourth Edition Copyright © 2000 by Houghton Mifflin Company. Published by Houghton Mifflin Company. All rights reserved

grad-u-a-tion bear *n.*

Any of various usually omnivorous mammals of the family Ursidae that have a shaggy coat and a short tail and walk with the entire lower surface of the foot touching the ground commemorating the conferral or receipt of an academic degree or diploma marking completion of studies.

Paraphrased from The American Heritage® Dictionary of the English Language, Fourth Edition Copyright © 2000 by Houghton Mifflin Company. Published by Houghton Mifflin Company. All rights reserved

phi-lan-thro-pist *n.*

Any person or persons who purchase a University of Adelaide graduation bear for the purpose of commemorating the conferral or receipt of an academic degree or diploma marking completion of studies, whether it be for themselves, a friend, family or loved one.

Whether you purchase a graduation bear during one of the graduation ceremonies or anytime throughout the year, 20% of the sale price will be put towards the Vice-Chancellor's Scholarships fund. The newly established fund will help talented students, who may otherwise have been restricted by insurmountable obstacles, gain a start at the University of Adelaide every year.

Each bear comes complete with a graduation gown, mortar board, scholarly glasses, an official University of Adelaide lapel pin and a custom-made hood to represent the specific award. To acknowledge the contribution to the Vice-Chancellor's Scholarships fund, you will also receive a certificate that can be made out in your name, or in the name of the recipient of the bear.

"Education for the next generation is the most important task for the citizens of any nation." (*Sir Mark Oliphant*)



Graduation bears are available year round from the Alumni, Community Relations and Development office:

Level 1, 230 North Terrace

Tel: +618 8303 5800

Fax: +618 8303 5808

E mail:
alumni@adelaide.edu.au

Webpage:
www.adelaide.edu.au/alumni/merchandise

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THE UNIVERSITY
OF ADELAIDE
AUSTRALIA

Recognising Excellence

Each year the Alumni Association recognises the significant achievements and contributions of its alumni and friends through the bestowing of several awards and grants. University of Adelaide students, both undergraduate and postgraduate, are recognised for their outstanding academic excellence through the bestowing of the Honours Alumni University Medal and the Postgraduate Alumni University Medal. Only one medal per award is granted each year and is presented to the most outstanding student in that graduating year.



Pictured with the Honours Alumni University Medallist for 2003, Dr Shom Goel, is Head of Paediatrics Professor Don Robertson (left), and Alumni Board member Dr Robert Penhall (right). Shom graduated with a Bachelor of Medicine and Bachelor of Surgery with Honours in December 2002. Shom was ranked the top MBBS student in his year for each of the six years of his enrolment. He consistently distinguished himself across the disciplinary areas of Medicine and, as a recipient of some 19 prizes and scholarships, was acknowledged for his remarkable ability and industry.

Distinguished Alumni Award



Vice-Chancellor Professor James McWha presenting Richard Yung with his Distinguished Alumni Award for 2002 at the Singapore Graduation Ceremony in March 2003

Each year the University of Adelaide Alumni Association formally recognises its outstanding alumni by bestowing up to three Distinguished Alumni Awards. These awards recognise outstanding service to the University of Adelaide and/or the Alumni Association, and outstanding service to the community or outstanding contribution in their chosen fields.

Recipients of this award for 2003 are Dr Miriam Hyde AO (Bachelor of Music 1931), Dr Tony Tan Keng Yam (PhD Applied Mathematics 1967), and Professor Wyatt Rory Hume (BDS 1969, PhD Oral Biology and Pharmacology 1974).

Call for Nominations

The Alumni Association is now accepting nominations for the 2004 awards. The rules for this award and information on the nomination process are available on our web site at www.adelaide.edu.au/alumni or can be obtained from Nada Racki at +61 8 8303 6356.

If you know of an individual whom you feel is deserving of such an award please forward your nomination in writing to:

**Executive Secretary,
Alumni Association
Alumni, Community Relations
and Development
University of Adelaide
SA AUSTRALIA 5005**

*Submissions must be
lodged, in writing, no later
than 31 MAY 2004.*

Alumni Travel Grants

Travel Grants are also provided through the Alumni Association to support research within the University and to enhance international alumni relations. Research undertaken by doctoral candidates is supported through the Mutual Community Postgraduate Travel Grants and the AUGU/RC Heddle Award that provide funding for the student to travel to a conference or research institution essential to the advancement of their research. There is also assistance for alumni to travel to the Australian Universities International Alumni Convention (AUIAC) held every two years. AUIAC 2004 will be held in Hong Kong in November 2004. Information and application forms for all travel grants can be downloaded from our website at www.adelaide.edu.au/alumni or obtained from Nada Racki at +61 8 8303 6356.

The various chapters of the Alumni Association also offer prizes and awards. All of these awards would not be possible without the generous donations and gifts made by our alumni and friends in the wider community and for this the Alumni Association is sincerely grateful.

Making their Mark

Dr Jane Lomax-Smith – Member of South Australian Parliament

Dr Jane Diane Lomax-Smith MP BSc (Hons) MBBS FRCPA PhD (1986) has moved quickly within the political ranks following a successful career as a pathologist and lecturer in London, Australia and the United States.

Born in the East End of London, she was educated at the local grammar school, attended the London Hospital Medical School (now the Royal London Hospital), did an intercolated BSc in Human Anatomy in 1971 and completed her medical studies in 1974. She received her PhD from the University of Adelaide in 1985. Her thesis was titled "IgA Nephropathy and Liver Disease."

As a pathologist she has had a successful career in research and teaching at the Universities of London, Adelaide and Harvard. She has run a hospital pathology department and started her own



private pathology practice in South Australia, which has now been sold.

Dr Lomax-Smith has been involved in local government for 10 years and was elected for three terms as an Adelaide City Councillor (1991-1996) and then two terms as Lord Mayor of Adelaide (1997-2000).

In February 2002 she was elected as the Member for Adelaide in the South Australian Parliament. She is currently Minister for Tourism; Science and Information Economy; and Employment, Training and Further Education.

She has been a strong advocate of social justice within the city with a focus on social housing and reconciliation.

Dr Lomax-Smith has served in many capacities. She has been on the boards of Education Adelaide; Electronics Industry Association SA; Royal South Australia Regimental Council; Council of Governor's Leadership Foundation; Council of the University of Adelaide; Selection Committee for Rhodes Scholars Association (SA Branch); SA Health Commission Mammographic Screening Committee; and Secretary RAH Child Care Centre.

Dr Barbara Hardy AO – conservationist

Dr Barbara Hardy (BSc 1947), founder of The Investigator Science and Technology Centre, is described as a formidable South Australian, a woman of great vision and boundless energy.

In her career, she has been a driving force and notable speaker for solar and sustainable energy, particularly hydrogen fuel cells. For many years, she has had solar panels on the roof of her Seacliff home, generating not only enough energy for her domestic needs, but also a surplus which goes back into the grid. And she drives a hybrid electric motor vehicle!

Appointed Officer of the Order of Australia in 1987 for her service

to conservation and the community, she has served in many capacities during her 30 years in the environmental field.

She has been an Australian Heritage Commissioner, founding president of the Investigator Science and Technology Centre, Chair of the South Australian Landcare Committee, a member of the Bookmark Biosphere Trust and president of the National Parks Foundation of South Australia Inc., among other roles.

In addition to the AO, she received the Advance Australia Award (1991), South Australia Great Award (1992), Institution of Engineers Australia Medal



(1992), ABC Eureka Award for the promotion of science (1994) and in 1996 was honoured with the South Australian Citizen of the Year Award.

Alumni Program 2004

DATE	PROGRAM	ORGANISED BY
March	Alumni Board Meeting	ACRD
	Combined Alumni Board and Chapters Meeting	ACRD
	Deadline for applications for Mutual Community Post-graduate Travel Grants and AUGU/RC Heddle Award	ACRD
	Offshore Graduation Ceremonies in Malaysia, Singapore and Hong Kong	Graduations Office
	Adelaide University Alumni West Malaysia Bhd 10 Year Anniversary Celebrations	West Malaysia Alumni
April	Barr Smith Library Annual Appeal	ACRD
May	Alumni Board Meeting	ACRD
	Nominations for Distinguished Alumni Award	ACRD
June	Alumni Association Annual General Meeting and Annual Alumni Dinner	ACRD
July	Deadline for applications for Mutual Community Post-graduate Travel Grants	ACRD
	Alumni Board Meeting	ACRD
	Deadline for AUIAC 2004 Travel Grants	ACRD
August	Graduation Ceremonies	Graduations Office
	Presentation of Honours Alumni University Medal	ACRD
	University of Adelaide Open Day	University of Adelaide
	20 Year Reunion for Graduates of 1984	ACRD
	Combined Chapters Meeting	ACRD
September	30 Year Reunion for Graduates of 1974	ACRD
	Alumni Board Meeting	ACRD
October	Golden Jubilee - 50 Year Reunion for Graduates of 1954	ACRD
	Vice-Chancellor's Scholarships Fund Appeal	ACRD
November	Alumni Board Meeting	ACRD
	Combined Alumni Board and Chapters Meeting	ACRD
	Australian University International Alumni Convention (AUIAC) 2004, Hong Kong	
December	Graduation Ceremonies	Graduations Office
	Presentation of 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 Adelaide-Link (e-newsletter), or from the Alumni, Community Relations and Development (ACRD) office at +61 8 8303 5800.

Alumni gallery



Pictured at the Commerce Chapter's 'Meet the Chairman' evening held on October 21st are (from left) Viktor Chistiakov, Matthew Karakoulakis, Jeffrey Lucy AM (Deputy Chairman, Australian Securities and Investment Commission), Ian Withall, Michael Hua (Convenor, Commerce Chapter), and Ian Sorich.



Golden Jubilee 1953: Helen Beriman BSc, David Prest BSc, Jean Prest BA (Hons).



Luke Selth, recipient of the Mutual Community Postgraduate Travel Grant for September 2003, will be using his grant to further his research in host factors involved in tomato leaf curl geminivirus.



After the James Crawford Law Lecture in Kuala Lumpur on 26 September: (from left), Mr Vernon Ong, The Honourable Dato' Selventhiranathan A/L Thiagarajah, Dato' Mary Lim, Mr Ramdas Tikamdas and West Malaysia Alumni Past President, Mathew Thomas Philip. The James Crawford Law Lecture was video-conferenced from Union Hall to Kuala Lumpur.



Friends of the Library Author and Scholar Evening with Jon Marans, October 30: (from left), Rob Croser (Artistic Director, Independent Theatre Inc), Jon Marans (Pulitzer Prize-nominated playwright) and Farley Wright (Chair, Friends of the Library Chapter).

"Where Am I Now?"

1960s

Justice Dean Clayton QC

(LLB 1965): appointed Judge of District Court in Adelaide.

Dr Ronald D Ekers

(BSc Hons 1963): elected to the American Philosophical Society.

Dr Mal Hemmerling

(BSc 1968): appointed new Chief Executive Officer for the Adelaide City Council.

Justice Bruce Lander

(LLB 1968): appointed Judge of Federal Court in Adelaide.

Justice John R Sulan

(LLB 1968): appointed Judge of Supreme Court in Adelaide.

Dr Donald C Walker

(MBBS 1962): Don Walker Health Innovation Awards named in his honour.

1970s

Ms Penelope A Eldridge

(LLB 1976): appointed to Magistrates Court in South Australia.

Dr Roger Lough

(BSc 1971, PhD 1974): appointed new Chief Defence Scientist to the Defence Science and Technology Organisation.

Justice Ann M Vanstone

(LLB 1977): appointed Judge of Supreme Court in Adelaide.

1980s

Dr Nigel Bean

(BSc (Ma) Hons 1989): awarded the Moran Medal.

Justice Terence Connolly

(LLB Hons 1982): appointed Judge of Supreme Court in the Australian Capital Territory.

Professor Robert Hill

(DSc 1997, PhD 1981): awarded the 2002 Clarke Medal from the Royal Society of NSW.

Ms Maria Panagiotidis

(LLB 1981): appointed to Magistrates Court in South Australia.

1990s

Mr Tristan d'Estree Sterk

(BArch St 1995, BArch 1999): awarded the US Schiff Fellowship for his project titled "frais".

Mr Michael Gilbert

(MBA 1998): joined Australian Centre for Plant Functional Genomics as General Manager.

Dr Samantha Pillay

(MBBS 1992): appointed Women in Medicine representative on Australian Medical Association state council.

2000s

Letitia Anderson

(BA 2000, LLB Hons 2002): offered an internship with International Committee of the Red Cross in Geneva.

Dr Lynn Arnold

(BA 1979, BEd 1990, PhD 2003): appointed Deputy Director of World Vision International for the Asia Pacific Region.

Mr John Best

(MBA Advanced 2003): appointed General Manager, ADI Advanced Systems, the South Australian business unit of ADI Limited, a major Australian defence contractor.

Ms Camille Goodman

(BA Int St 2000): offered Internship with International Law Commission in Geneva.

Mr David Hill CA

(BCom, MBA 2003): appointed Corporate Finance Partner at Deloitte Touche Tohmatsu.

Ms Jo Lawrie

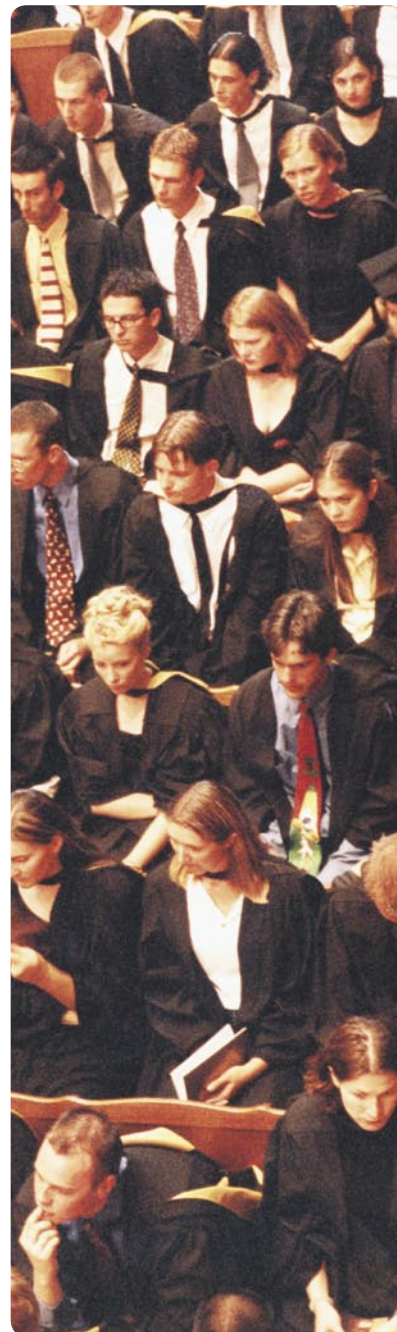
(B Mus Hons 2001): awarded the Fulbright Scholarship to study jazz voice in New York.

Ms Michelle Lensink

(MBA 2003): joined the Legislative Council of South Australian Parliament following the retirement of Liberal MLC, Hon Diana Laidlaw.

Mr Stephen Mullighan

(BA 2001): appointed Ministerial Adviser to the Deputy Premier of South Australia.



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:

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SA 5005, Australia
Email: alumni@adelaide.edu.au

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www.adelaide.edu.au/alumni/merchandise



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AUSTRALIA



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Travel Mug Stainless steel with spill-proof sliding tab



Degree **Certificate Folder**
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

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

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



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



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



Umbrellas
executive 24", navy, University of Adelaide logo
compact, black, Adelaide University" logo on cover only



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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Certificate Folder	\$29.00	\$26.10		
Champagne Flute each	\$ 9.00	\$ 8.10		
Champagne Flutes set of four	\$33.00	\$29.70		
Champagne Stopper	\$20.00	\$18.00		
Coffee Mug □ red or □ navy (please tick)	\$10.50	\$ 9.45		
Cufflinks	\$30.00	\$27.00		
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Graduation Bear - available Aug 2003	\$40.00	\$36.00		
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Hi Ball Glasses set of four	\$25.00	\$22.50		
Key Ring - metal with full colour detail	\$ 5.00	\$ 4.50		
Key Ring - silver	\$12.00	\$10.80		
Lanyard	\$ 5.00	\$ 4.50		
Lapel Pin - crest	\$ 4.00	\$ 3.60		
Lapel Pin - round	\$ 4.00	\$ 3.60		
Letter Opener	\$ 8.00	\$ 7.20		
Paperweight - redwood	\$20.00	\$18.00		
Pen	\$12.00	\$10.80		
Polo Shirt (XS, S, M, L, XL)	\$40.00	\$36.00		
Rugby Top (XS, S, M, L, XL)	\$60.00	\$54.00		
Rugby Fitted (8, 10, 12, 14, 16, 18)	\$55.00	\$49.00		
T-Shirt (XS, S, M, L, XL)	\$19.00	\$17.00		
Desk Clock	\$60.00	\$54.00		
Travel Mug	\$12.00	\$10.80		
Umbrella - executive (24")	\$30.00	\$27.00		
Umbrella - compact	\$20.00	\$18.00		
University Shield	\$32.00	\$28.80		
University Tie - navy	\$27.00	\$24.30		
Wine Glass each	\$ 9.50	\$ 8.55		
Wine Glasses set of four	\$35.00	\$31.50		
Wine Stopper	\$20.00	\$18.00		
* Domestic orders include GST			Subtotal	
ADD POSTAGE AND HANDLING COSTS		Quoted P&H Cost**		
Orders to \$49.99	\$ 4.50	\$		
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