

Adelaidean

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News from the University of Adelaide

October 2002

I N S I D E



Dairy vs. red meat

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Music school to get \$8m upgrade

AN \$8 million upgrade of the Elder School of Music will begin next month.

The work, which is being funded by the University of Adelaide and the Commonwealth and State Governments, follows the formal merger of the Elder Conservatorium and the Flinders Street School of Music on January 1 this year.

The refurbishment will enhance professional music training for the School's 400 students and will be completed in February 2004.

Major elements of the upgrade include:

- Development of soundproofed music studios in the Schulz Building
- Creation of rehearsal and practice studios for jazz and percussion in the Madley Building
- Improvements to the Elder Music Library on Kintore Avenue
- Development of a colonnade (walkway) as part of a "music hub" centred on Pfitzner Court linking the Hartley, Madley and Schulz buildings with the Scott Theatre
- Refurbishment of teaching and office spaces in Elder Hall.

Elder School Director, and Elder Professor of Music, Professor Charles Bodman Rae said the work would improve teaching spaces, practice rooms, office accommodation, and general amenities.

"It will directly enhance the experience of our music students," Professor Bodman Rae said.

"The provision of properly soundproofed facilities, particularly for the louder types of music such as jazz and percussion, will be a major step forward.

"These are exciting times for the School. Our lunchtime concerts in Elder Hall have been selling out regularly this season, and audiences for our evening performances have also been excellent.

"The concerts are an important way in which the University engages with the community, and we value the strong support we receive from the public," he said.

The Elder School provides a comprehensive range of specialist music programs, from pre-degree Certificates, through several Bachelors degrees (including Honours), Masters degrees, to Doctorates (including the higher Doctorate of Music).

—John Drislane



Student Joshua van Konkelenberg plays the new organ for the first time at the recent graduation ceremonies. Photo: Ben Osborne.

IT'S been 40 years since the Gothic architecture of Bonython Hall resounded with organ music.

That experience is about to be repeated thanks to the hi-tech digital age of music technology.

Bonython Hall is now equipped with a state-of-the-art digital pipe organ that uses no pipes but reproduces the sound of a piped organ identically.

The very first open-to-the-public performance of the new organ will be held at 1.10pm on Thursday, October 3.

The performer of the inaugural recital is Australia's foremost organist, David Drury from Sydney.

With its two-metre-high speakers, the organ is the largest digital instrument in Australia and one of the largest organs of its kind in the world.

It has been installed at Bonython Hall as an initiative of the previous Vice-Chancellor, Professor Cliff Blake, who had overseen the installation of digital organs in the halls of several other university campuses.

The installation included the challenge of meeting strict heritage requirements for the historic Bonython Hall.

"The beauty of this organ is that it is acoustically indistinguishable from a pipe organ," said project officer Mr Peter Burdon, Administrative Assistant in the Vice-Chancellor's office.

"Fine organs have long been features of the great universities and cultural centres of the world, and there is no doubt that this organ contributes to the status of the University of Adelaide.

"It supplements those organs that already exist in Adelaide, including the neo-classical organ in Elder Hall, and is intended to contrast with them.

"Anyone who doubts how good the organ sounds should attend the recital and hear for themselves. I'm sure they'll be surprised at how good it is."

Tickets to the first recital cost \$4 and will be available at the door.

—David Ellis



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From the
Vice-Chancellor

Time to Grow

There are many fine examples of architecture around the university's campuses, Bonython Hall not least among them. In my early days as Adelaide's Vice-Chancellor I've already had the pleasure of attending Bonython Hall on a number of occasions—the Chancellor's dinner on my very first day, the graduation ceremonies in August, and now my first University of Adelaide Forum.

The Forum will be held in Bonython Hall on Wednesday, October 23 at 1pm, and I invite all staff, interested students, postdocs and others to join the Chancellor and me. I especially hope that those at the Waite, Roseworthy and Thebarton campuses will be able to be there. At the Forum you'll be hearing a review of the last six months, and we'll discuss where the University is headed, and what directions we can now take.

That topic is something I've been thinking very hard about over the last few weeks as I've been learning more and more about the university. The quality of this university is great, and I see it as my job as Vice-Chancellor to help Adelaide to build on its excellence and grow. We need to build a stable platform on which the university can build success well into the 21st century, and beyond.

The process now is to underscore our excellence and secure our future through growth—growth of our student base, of our external research monies, and our linkages with the community. The university will be asserting its presence in the community much more than it has in the past, and we can expect the community to pay much more attention to us than before, and hopefully to embrace us.

A strong sense of community is exactly what I saw in operation during the recent Australian Universities International Alumni Convention in Melbourne, and at the Homecoming for international alumni that followed in Adelaide. I'm impressed with the enthusiasm of our international alumni for the City of Adelaide and for their University, and it was a pleasure to meet with them and extend our hospitality to them. We have among our international alumni (and indeed, our local alumni) some inspirational people who have made their mark on the world. They are true examples of the value of university education.

There is much about higher education today that is in flux, and with the Minister's Review of Higher Education there is bound to be more change. Together we can look for opportunities and ensure that changes are for the better, for the prosperity and growth of the university and of our community and country.

I look forward to seeing you in Bonython Hall.

PROFESSOR JAMES A. McWHA
Vice-Chancellor

Security officer praised for saving student's life

A STUDENT owes her life to the quick thinking and expertise of one of the University's security officers, and the help of her fellow students.

Last August, security staff at the North Terrace campus were called to the aid of a female student who had collapsed after suffering a serious asthma attack in the Equinox café where she was participating in fencing practice.

Security officers Rohan Main and Jeff Mitchell immediately responded to the call for help, and found the student lying on the floor being supported by two other students.

Her colleagues had tried to assist by administering three puffs of her inhaler, but she had collapsed and was put in the coma position.

Mr Main attempted to speak with the student and received no answer.

He noticed her eyes were closed and breathing was very short and rapid.

An ambulance had been called. Soon after the security officers arrived on the scene, the student's breathing became extremely shallow and then ceased altogether. Mr Main and the other students rolled her onto her back. He began Expired Air Resuscitation which he continued for about seven minutes until the arrival of the ambulance team.

"This action by Rohan without doubt saved the woman's life, and once again proved the wisdom of having highly trained Security Officers who can and will respond rapidly to assist our wonderful students," said the Manager of Security Services, Mr Owen Godfrey.

"We commend Rohan for his work, and the student's family are very grateful for his actions."

Adelaide staff are Tall Poppies of science



From left: Dr Holger Maier, Professor Simon Stewart and Dr Sandra Orgeig.

FIVE of South Australia's Young Tall Poppies of science for 2002 are staff at the University of Adelaide.

The Tall Poppy campaign, established by the Australian Institute of Political Science, promotes an awareness of Australia's intellectual achievements and aims to recognise, value and support achievements in science.

The campaign also encourages young Australians to pursue an interest and career in science.

The inaugural South Australian Tall Poppy Day was held on September 24—the birthday of Sir Howard Florey, one of State's (and the University's) greatest tall poppies in the field of medical science.

The Young Tall Poppies of SA represent and highlight "the wealth of scientific knowledge, expertise and excellence

generated by so many of those working in our universities, hospitals, research institutes and health corporations", said Dr John Best AM, Chairman of the Tall Poppy Campaign.

Of the six Tall Poppies chosen this year, five are University of Adelaide staff:

Dr Cathy Coulter—NHMRC R.D. Wright Research Fellow, Department of Physiology. Dr Coulter is one of the Chief Investigators on the recently funded NHMRC Program Grant investigating the "Early Origins of Adult Disease".

Dr Michael Lee—joint appointment of the SA Museum and the University's Department of Environmental Biology. Dr Lee's research interests are in the systematics and evolutionary biology of reptiles, particularly in the origin and evolution of snakes.

Dr Holger Maier—Senior Lecturer, School of Civil & Environmental Engineering. Dr Maier's primary research interest is the utilisation of examples from nature for solving environmental and water engineering problems. This includes using a model based on the way the brain works to predict salinity and blue-green algal blooms in the River Murray.

Dr Vivienne Moore—Lecturer, Department of Public Health. Dr Moore is a social epidemiologist who is particularly interested in the way the social environment and behaviour patterns of individuals can influence their health. In her work, Dr Moore focuses on the health of women and children.

Dr Sandra Orgeig—ARC Research Fellow, Department of Environmental Biology. Dr Orgeig's research examines the relationship between cholesterol and phospholipids in the pulmonary surfactant system in vertebrates. In 1999, she obtained an ARC Research Fellowship to examine the evolutionary processes that govern the development of the pulmonary surfactant system in a range of vertebrates with widely differing birth strategies.

The sixth Tall Poppy is Professor Simon Stewart, National Heart Foundation of Australia/Roche Chair of Cardiovascular Nursing, UniSA.

Adelaidean



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Coming Events

Please send all coming events to the editor at the address below. There is no charge for coming events, but they must be University related.

Deadline for next issue: October 24.

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NOTICE TO ACADEMIC AND GENERAL STAFF

On Wednesday, 27 November 2002 there will be an election of three members of the Academic staff elected by the Academic Staff and two members of the General staff elected by the General Staff for the period 6 March 2003 to 5 March 2005.

The following members retire from Council on 5 March 2003: PM Gill, GC Dandy and RJ Crewther (elected by the Academic Staff); and JD Cecchin and JA Dibb-Smith (elected by the General Staff). They are not ineligible for re-election as members.

Nominations to the positions are invited. A nomination must be made on the prescribed form, and must reach the Returning Officer at the University before 12 noon Friday, 18 October 2002. Nomination forms and further information may be obtained from University Reception, Mitchell Building, North Terrace Campus or by phoning 8303 4194 or from <http://adelaide.edu.au/governance/council/>.

Please note that the University of Adelaide Act 1971 is currently under review and may be amended before 5 March 2003. It is possible that Council membership categories will be changed. It therefore cannot be guaranteed that any or all staff elected will actually take up a position on the University Council. However, elections are proceeding in accord with current requirements.

SUSAN GRAEBNER
Returning Officer

Jack receives top safety honour



Professor Jack McLean. Photo: Brenton Edwards.

PROFESSOR Jack McLean, Director of the Road Accident Research Unit at the University of Adelaide, has received the world's most prestigious award in the area of alcohol, drugs and traffic safety.

He was presented with the award at the 16th international conference of the International Council on Alcohol, Drugs and Traffic Safety (ICADTS) in Montreal, Canada.

The Council's Widmark Award is the highest honour conferred on individuals and organisations for "outstanding contributions to our basic knowledge of the effects of alcohol and other mood-altering drugs on traffic safety".

Professor Eric Widmark's pioneering research across three decades of the 20th century touched almost all significant facets of alcohol physiology, pharmacology, and analysis, especially those related to motor vehicle operation.

His development of the "micro-method" of blood alcohol analysis in 1917 made possible the introduction of legislation based on blood alcohol concentration, initially in criminal cases in Sweden in 1934 and later in relation to road crashes.

Professor McLean is the 25th recipient of a Widmark Award since it was first awarded in 1965. Previous recipients include the late Professor Robert Borkenstein, the developer of the Breathalyzer.

The award was also made to Professor Ralph Hingson of Boston University.

A graduate of Adelaide and Harvard universities, Professor McLean is known world wide for his research and commentary on road safety research issues.

He has been Director of the University's Road Accident Research Unit since 1973. Among other positions, he was also head from 1988-92 of the World Health Organisation's Collaborating Centre for the Prevention and Control of Road Traffic Accidents.

Professor McLean had made a significant contribution to scientific knowledge and public policy in Australia and around the world, the Council said.

Houston, we have a student

AN ADELAIDE engineering student has been chosen from among an international field to participate in this month's Space Generation Summit at Houston, Texas—the home of NASA.

University of Adelaide PhD student Kimberley Clayfield (Mechanical Engineering) will attend the Summit from October 11-13.

Ms Clayfield is strongly involved in aerospace engineering. She's a coordinator of the South Australian Space School, was the founding chairperson of the University's student branch of the American Institute of Aeronautics and Astronautics, and was Program Director of the SpaceFutures 2000 conference in Canberra.

Aerospace engineering is a growing field of interest at the University of Adelaide, and in 2004 the University will offer a brand new degree in Aerospace Engineering. (More details about the new degree will be made available next year.)

Ms Clayfield was selected as one of 200 young people aged between 18-35 from around the world to attend the Space Generation Summit in Houston.

The Summit will be held in conjunction with the World Space Congress 2002 (October 10-19), for the purpose of "articulating the vision of young people on the future utilisation and exploration of space".

The theme of the Summit is "Accelerating our Pace in Space", and discussions will focus on four key streams: "Peacekeepers", "Pioneers", "Prospectors" and "Protectors".

As a delegate to the Space Generation Summit, Ms Clayfield is one of only six people chosen to represent Australia, one of only two Australian women, and the only South Australian delegate.

"For me, attending the Space Generation Summit will be an outstanding opportunity to raise the profile of Australian and South Australian space activity to international professionals not only within the science, engineering and technology arena, but also from business and commerce, government and academia," Ms Clayfield said.

"The World Space Congress will be the largest gathering of space scientists for a decade, and will provide a unique opportunity to present the global youth perspective on space issues to world leaders. It's a great honour to be chosen to contribute to this global youth forum and to represent Australia to the rest of the world.

"It's particularly inspiring to know that the recommendations we create at the Summit will be brought to the attention of space policy makers, through both the Space Policy Summit and the UN Committee on the Peaceful Uses of Outer Space, and hopefully incorporated into global policy, where it can positively benefit future generations," she said.



Kimberley Clayfield. Photo: Ben Osborne.

NEWS IN BRIEF

Prescott wins Verco Medal—again!

Nearly 70 years after his father received the honour, Emeritus Professor John Prescott (Physics & Mathematical Physics) has been awarded the Verco Medal of the Royal Society of South Australia.

The Medal is awarded for distinguished scientific work published by a Fellow of the Royal Society and is the highest honour the Society can bestow on one of its Fellows.

Professor Prescott's research has been in experimental nuclear physics, cosmic rays, instrumentation and, more recently, in the application of physics to archaeology and Quaternary geology. His father, the late Professor James Prescott, was awarded the Verco Medal in 1933 for his work on the foundations of soil science. The medal has been awarded 54 times since 1929.

Biologist gives free public lecture

The last Inaugural Lecture for 2002 will be given by Professor Roger Seymour (Environmental Biology), on Thursday, October 3.

Professor Seymour's lecture is "A role for natural history in modern biology", which explores the creative and innovative approach to science of observing nature and looking for patterns, and how transferring techniques across fields can result in unexpected discoveries.

The Inaugural Lectures are given by recently appointed professors to the University, who speak on the latest research and developments in their particular areas of expertise. All lectures are held at 1.10pm in the Council Room, Level 7 Wills Building.

Brooker made Fellow

Dr Peter Brooker of the Department of Geology & Geophysics has been made a Fellow of the Modelling and Simulation Society of Australia and New Zealand Inc.

The award recognises his 30-year record of research in geomathematical modelling and service to the society.

Dunstan Foundation website

The Don Dunstan Foundation has a new website. For information about the Foundation's news and events, visit: www.dunstan.org.au/

Uni property sale

A number of University-owned properties at North Adelaide are to be sold as part of a strategy to develop more, and better, student accommodation and other facilities.

The buildings, used mainly for student accommodation, are no longer suitable for that purpose and are under-utilised. Three of the buildings are unoccupied and fewer than 20 students live in the others.

Vice-Chancellor Professor James McWha said selling the properties was the first step in a strategy that would enable the University to offer a variety of more appropriate accommodation options to country, interstate, and international students.

Correction

A story last month about the Stephen Cole the Elder Prizes for Excellence in Teaching mistakenly listed Dr Anna Chur-Hansen as being with the Department of Surgery. She is a senior lecturer with the Department of Psychiatry.

Concern over \$ billion boom spending on alternative medicine

AUSTRALIANS now spend an estimated \$2.3 billion a year on alternative medicines and therapies, according to a major new study conducted by the University of Adelaide.



Professor Alastair MacLennan.

More than 3000 South Australians were surveyed for the study by the University's Department of Obstetrics & Gynaecology (Professor Alastair MacLennan) in conjunction with the SA Department of Human Services (Dr David Wilson and Ms Anne Taylor).

The study, published in last month's issue of the prestigious American journal *Preventive Medicine*, compares expenditure and usage of alternative therapies in the year 2000 with a previous study conducted by the department in 1993 (and published in *Lancet*). The comparison shows a number of worrying trends, according to the study's key investigator, Professor Alastair MacLennan.

"Australians now spend four times as much on unproven therapies as on prescribed pharmaceuticals," Professor MacLennan said.

"While a few alternative medicines and therapies are proven to help some patients, what concerns me is the increased usage of unproven alternative therapies, many of which are costing the public more and more each year. Allowing for inflation, there has been a 120% increase in the cost of alternative therapies between 1993 and 2000."

The most recent survey shows a significant increase in the use of alternative therapies, with 44% of men and 60% of women using alternative medicines, and 20% of men and 26% of women now consulting alternative practitioners.

The public often assumes that alternative medicines promote health and are safe, but in many cases their effectiveness and long-term safety remains unknown or has been disproven, Professor MacLennan said.

"Even pregnant women make these assumptions without checking with their doctor," he said.

Professor MacLennan called for alternative medicines to face the same rigorous testing and labelling requirements as standard pharmaceuticals.

"Our study shows that 93% of people who use alternative medicines would like product information on the packaging to the same standard as pharmaceuticals—such as the dosage, contents, potential side-effects and their evidence of effectiveness," he said.

"The public should have better evidence that their \$2.3 billion a year is being put to sound use, and that the money they are spending on alternative medicines is not doing more harm than good."

—David Ellis

Reactor aims to generate clean gas

THE USE of South Australia's abundant coal reserves for electricity generation moved a step closer with the recent opening of a research reactor at the University of Adelaide's Thebarton campus.

The reactor is part of the research program of the Cooperative Research Centre (CRC) for Clean Power From Lignite, and was officially opened by the South Australian Minister for Energy, Mr Pat Conlon.

Chemical Engineering PhD student Alexandra Briedis will operate the reactor as part of her studies.

She will study the process of turning brown coal—also known as lignite and often considered a "dirty" fuel—into "clean" gas, which can then be used in a combined cycle electricity generator.

"Eventually, this technology will allow us to produce electricity with lower greenhouse gas emissions than is currently possible using existing processes," said Ms Briedis, "but we still have a long way to go."

South Australia has abundant deposits of lignite, which have the potential to provide for the State's energy needs for many decades. However, lignite has a high moisture and salt content and presents particular technical problems, which the CRC aims to overcome.

The CRC is a joint venture of industry, universities, CSIRO and others to develop technologies for clean cost-competitive power generation from lignite.

CRC Chief Executive Officer Mr David Brockway said the Thebarton reactor was an exciting development in South Australia's push to reduce greenhouse gas emissions, and



Chemical Engineering PhD student Alexandra Briedis.

also paid tribute to the University of Adelaide's involvement.

"A lot of the CRC's research in South Australia is undertaken by PhD students at the University of Adelaide," he said.

"The level of training these very talented young people are receiving at the University will enable them to make significant contributions to SA industry and the community in future years."

—Ben Osborne

New research group tackles converging technologies

A DIVERSE range of people—including an economist, lawyer, English lecturer, and film and television producers—have joined together to form a new multimedia research group at the University.

The Convergent Communication Research Group (CCRG) has been set up by the University's School of Electrical and Electronic Engineering and will focus on the fast-emerging area of convergence in multimedia.

"Convergence is occurring as media content and personal telecommunications both go digital. This is opening up new possibilities, like adding interactivity to broadcasting or delivering television-like services over the Internet," said CCRG Head Dr Matthew Sorell (Electrical and Electronic Engineering).

Dr Sorell said the group's broad approach would be an exciting addition to current debates about convergence.

"We will be conducting research into the technical, commercial and regulatory issues linked to convergence," he said.

"While there is a strong academic presence in the CCRG, we are entirely self-funded and our focus is on helping government and business respond effectively to convergence.

"Our cross-disciplinary approach is essential. Convergence is cutting across traditional boundaries: the old style of thinking, where Engineering, Economics and Law do their own thing, simply won't work in today's environment."

The CCRG has drawn on expertise from both inside and outside the University of Adelaide. Among those from outside the University are former industry economist Dr Paul Chapman, a senior adviser from the Australian Communications Authority Mr Peter Ramsey, and Ms Cate and Gabrielle Kelly, who have extensive experience in film and television production.

From within the University come Humanities lecturer Dr Chika Anyanwu, who specialises in media and culture, and Law School lecturer Mr Robert Chalmers, an expert in intellectual property and regulation.

Dr Sorell said through its mix of experience and independent thinking, the CCRG will add a voice of reason to a field which is prone to inflated claims.

"We will try to resist the hype which is all too common in the convergence field—we are a group with its feet on the ground," he said.

—Ben Osborne

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Is dairy protein healthier than red meat?

Weight loss, cancer links tested

NEW research from the University of Adelaide suggests that dairy products could be a healthier source of protein than red meat.

According to the research, protein-rich dairy products could be more effective in weight loss programs and provide better protection against colon cancer.

The research is being conducted by Physiology PhD student Damien Belobrajdic at the CSIRO's Division of Health Sciences and Nutrition.

He compared two key sources of protein—red meat and dairy—by feeding kangaroo meat and whey to laboratory rats.

In one study, he compared the impact of both foods on the rats' colons.

"Previous studies have suggested that a high-protein diet could help to prevent colon cancer, but the evidence is limited," Mr Belobrajdic said.

"Whey and kangaroo meat are both high in protein, so I wanted to see if they both had the same effect in helping to prevent colon cancer."

Rats administered with a carcinogen and fed red meat-based diets had significantly more pre-cancerous growths on their colon tissue than rats fed with whey, irrespective of the protein content of the diet, he said.

Mr Belobrajdic is quick to point out that there was no increased risk of cancer from high intakes of kangaroo meat. However, early indications are that whey can provide some protection against colon cancer while at the same time being a good source of protein.

"This could have implications for the amount of whey used in cheese, or for other dairy foods that are high in protein or used as a protein source in processed foods," Mr Belobrajdic said. "They could prove to be a good source of protein and provide reduced risk to colon cancer, which is a major health problem in Australians."



Damien Belobrajdic with a sample of dairy protein. Photo: David Ellis.

His other study looked at claims that high-protein diets could reduce weight gain and lead to other benefits, such as increased sensitivity to insulin—an important issue for people at risk of maturity-onset diabetes.

His studies showed that a high whey protein, high fat diet was effective in helping rats avoid fat deposition, while the rats that were fed a high kangaroo meat, high fat diet actively gained weight. The rats fed on whey were also more sensitive to insulin.

"The early indications from these results are that high-protein diets alone may not improve weight maintenance—in fact, a diet of high-protein red meat resulted in an increase in weight," Mr Belobrajdic said.

"By contrast, dairy protein was clearly effective in reducing fat deposition."

He said his results should not be taken as a message for people to cut red meat out of their diets.

"These results have been very illuminating and will hopefully form the basis for further studies," he said.

Mr Belobrajdic's research is funded by the Dairy Research and Development Corporation (DRDC).

He has recently presented some of his results on dairy protein and weight loss at the World Dairy Congress in Paris, with support for his trip from the DRDC. He will present his other results on dairy protein and its effectiveness against colon cancer at the Australian Gastroenterology Week conference in Adelaide this month (October 15-18).

His supervisors are Professor Julie Owens, Head of the Department of Physiology at the University of Adelaide, and Dr Graeme McIntosh from the CSIRO Division of Health Sciences and Nutrition.

—David Ellis

Politician puts work hours in spotlight

COMMENTS by South Australian Democrats leader Mike Elliott in State Parliament have raised some serious issues about the effects of long hours on all of us, according to a labour studies expert from the University of Adelaide.

Mr Elliott broke down in August while giving a speech to the Legislative Council about working hours, saying that long working hours had contributed to the break-up of his marriage.

Dr Barbara Pocock, an Associate Professor in the Department of Social Inquiry, said Mr Elliott's personal case was borne out by the results of research that confirmed long working hours are having a detrimental impact on the community.

"Long hours are bad for families, communities and workers," Dr Pocock said. "They make us less productive and they are personally very costly, as Mr Elliott's experience shows."

"It is time for a closer look at the international and national picture and more action to combat the effects which he has bravely spoken off publicly."

"The international evidence shows that Australia's hours of work amongst full-time employees are growing—contrary to the situation in many other industrialised countries. We are now second only to South Korea in terms of long hours amongst these countries. Is this a league table we really want to be on?"

Dr Barbara Pocock recently returned full-time to the University following 14 months working as a senior adviser to Australian Democrats Senator Natasha Stott Despoja.

LINCOLN COLLEGE

(AFFILIATED WITH THE UNIVERSITY OF ADELAIDE)



Applications are invited from suitably qualified women and men for the positions in the College in 2003 of:

Residential Tutor(s)

Lincoln College is a residential college for tertiary students located in parkland 15 minutes walk from the University of Adelaide and the University of South Australia. It operates under the auspices of the Uniting Church. The College community includes local, interstate and international students from some twenty countries.

Residential tutors should be willing to provide academic assistance, intellectual leadership and pastoral support to the resident members of the College. Applicants should be mature, academically able, enthusiastic people willing to play a leadership role in College life. They should be committed to the goals of collegiate living and have an understanding of the problems and needs of students living away from home. Significant training is provided.

The position of Residential Tutor is part-time and is therefore particularly suited to junior members of academic staff, post-graduate students or senior undergraduates with a demonstrated record of leadership and academic success. Prior college experience is valued.

Remuneration is by way of substantial rebates on residential fees. Applications should be lodged by 18 October 2002. The College reserves the right not to appoint or to appoint by invitation.

For further information or application forms contact the College on (08) 8250 6000 or write to:
The Principal,
Lincoln College,
45 Brougham Place,
North Adelaide, 5006,
or email: admin@lincoln.college.adelaide.edu.au



Walford Lecture

initiated in 1993 to commemorate the centenary of Walford School

You are cordially invited to attend the 2002 lecture

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presented by

Professor Graeme Hugo

Professor of Geographical Environment Studies, Director of the National Centre for Social Applications of Geographical Information Systems, University of Adelaide

Chaired by Mrs Marilyn Haysom, Headmistress

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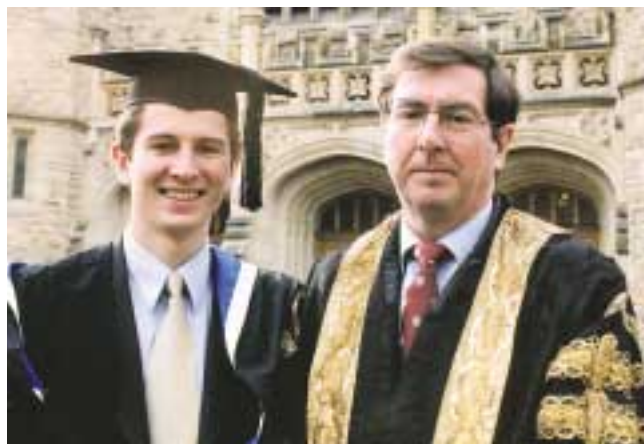
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GRADUATIONS

August 2002



Korean student Lee Jae-hyung (right) received his PhD in Politics, and supervisor Dr Felix Patrikeeff was at the ceremony to share the occasion. Dr Lee has just taken up a teaching post at Sungshin Women's University, Seoul.



The third and last of the midyear graduations was extra special for Chancellor Mr Robert Champion de Crespigny (right), with his son Stuart Champion de Crespigny graduating with a Bachelor of Commerce (Accounting).



Dr Mike Geddes from the Department of Environmental Biology and Mrs Elizabeth Geddes, Director of the Prospective Students Office, with their son James (centre), who graduated with a Bachelor of Arts degree.



A HOST of prestigious awards were conferred during the University of Adelaide's recent midyear graduation ceremonies.

More than 900 students took part in the three ceremonies, held in stately Bonython Hall.

The former head of the Waite Agricultural Research Institute and Executive Dean of the Faculty of Agricultural and Natural Resource Sciences, Professor Malcolm Oades, was conferred the rare award of Doctor of the University in recognition for nearly 40 years of service to the University and his internationally respected work as a scientist.

Professor Oades joined the University's then department of Soil Science in 1963, and retired in January this year.

Australian National University-based academic and geologist Dr Patrick De Deckker received a Doctor of Science degree in absentia, for his internationally renowned work as a micropalaeontologist and Quaternary geologist. Dr De Deckker studied at the University of Adelaide for his PhD from 1978 to 1981, and has gone on to make an indelible contribution to Australian geoscience.

Other highlights of the ceremonies were:

- The attendance of South Australian Governor, Her Excellency Marjorie Jackson-Nelson, at the last ceremony of the three;
- The first public performances of the state-of-the-art digital organ in Bonython Hall, as played by Elder School of Music student Joshua van Konkelenberg;
- The prestigious Alumni University Medal was awarded to Najmeh Habili (see page 11).

The University's two most recent Vice-Chancellors—current Vice-Chancellor Professor James McWha, and his predecessor Professor Cliff Blake AO—were also honoured.

They were both awarded a PhD degree *ad eundem gradum*, in recognition of their past academic achievements. Ad eundem gradum degrees are given to recognise individuals who have a degree at the same grade, or level, as those given by the University of Adelaide.

The last 2002 University of Adelaide graduation ceremonies take place in Bonython Hall from December 16-20.

Left: Science graduate Beverly Mühlhäusler (centre) has been named among the very best students at the University of Adelaide, receiving a University Medal for her academic excellence. She is flanked by her father, Head of Linguistics Professor Peter Mühlhäusler, and her mother Jackie.

Right: Malgorzata O'Reilly celebrates receiving her Mathematics PhD with daughter Julia.



From left: Vice-Chancellor Professor James McWha with South Australian Governor Marjorie Jackson-Nelson and Chancellor Robert Champion de Crespigny after the graduation ceremony of the Faculty of the Professions.



Bachelor of Commerce (Accounting) graduate Adam Klau is also a staff member with the University's Finance Branch, pictured here with Vice-Chancellor Professor James McWha and the Executive Director of Finance and Infrastructure, Paul Duldig.



Professor Charles Bodman Rae, Director of the Elder School of Music (left), accompanies the previous Vice-Chancellor, Professor Cliff Blake, who received a PhD *ad eundem gradum*.



Students get taste of Adelaide

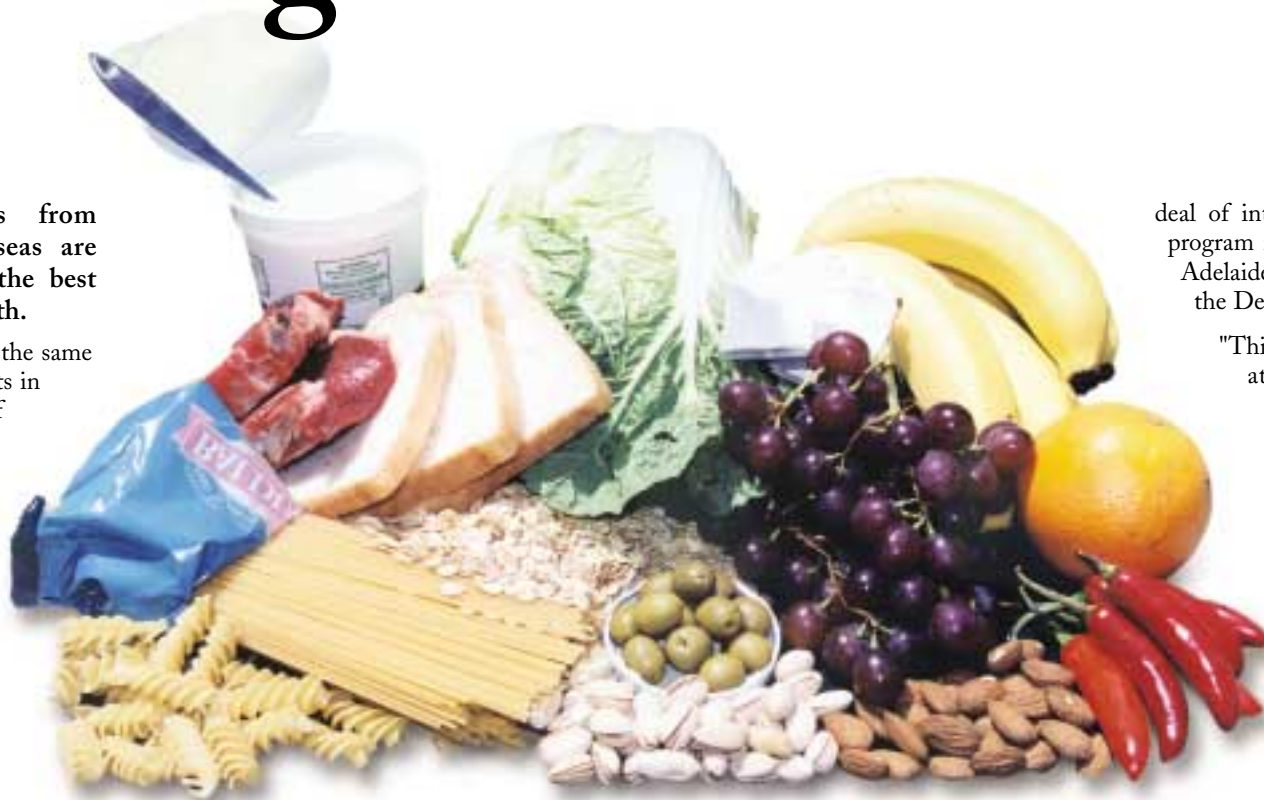
GASTRONOMY students from around Australia and overseas are getting a taste of some of the best Adelaide has to offer this month.

Most of the 10 students are from the same class, studying for a Master of Arts in Gastronomy at the University of Adelaide—but with the majority from interstate and two from overseas (Norway and the Philippines), many of them have never met each other!

The graduate program in Gastronomy, offered in conjunction with the world-renowned French culinary academy Le Cordon Bleu, has been offered online in 2002. From 2003 students will also have the opportunity to study on campus.

The students are coming together in Adelaide (September 28-October 10) to take part in a series of lectures, workshops and tours that supplement their studies.

Included on the agenda are, naturally, some of Adelaide's finest cafes and restaurants,



but the students are also getting down to business, dealing with the subject of Gastronomy and Communication.

Among their many activities the students will hear from and interact with food writer and Art Gallery guide Cath Kerry and writer and editor Dr Kerryn Goldsworthy.

They will analyse and critique a range of television food shows, look at how film, literature and art portray food, and study the messages food and food preparation can convey.

"The Gastronomy course is unique to Adelaide and Australia, and it has a great

deal of international appeal," said the program manager at the University of Adelaide, Dr Barbara Santich from the Department of History.

"This program of events is aimed at stimulating the students and giving them a chance to share the learning experience, as well as giving those from outside Adelaide the chance to see why we're so highly regarded nationally and internationally."

While in Adelaide, the students will also visit the University's Waite Campus, which is among the world's premier agricultural research institutes.

"Research into all kinds of foods is conducted at the Waite, as well as wine, and our students will be seeing and taste-testing for themselves the fruits of those research labours," Dr Santich said.

—David Ellis

Racing to a chemical car finish

A TEAM of third-year Chemical Engineering students will fly the University of Adelaide flag at an international "Chem-E-Car" competition early this month.

The team—consisting of Danny Jenkins, Felicity Lloyd, Stephen Bryan and Anne Philcox—will travel to New Zealand after winning a recent qualifying competition at the University.

Chem-E-Cars are model cars. They must be small enough to fit in a shoebox, and be powered only by a chemical reaction. Teams are allowed a budget of no more than \$500 to design and build their cars.

Shortly before the competition begins, teams are told how far the cars should travel—which is a random distance usually anywhere between 15 metres and 30 metres.

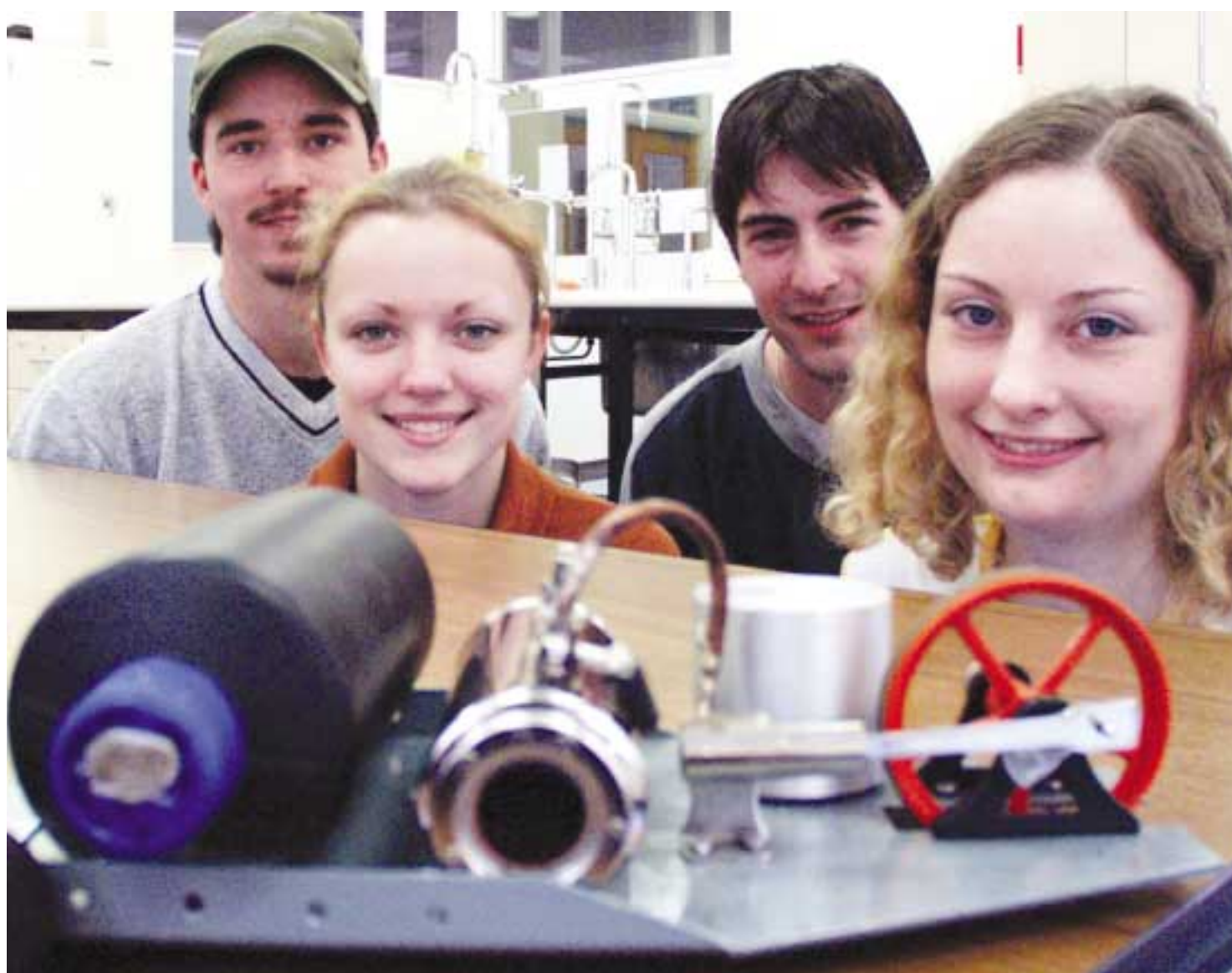
They have about an hour to make minor adjustments before the competition begins, with the car that can then travel the closest to the prescribed distance the winner.

The University of Adelaide team will compete against teams from the Asia-Pacific region as part of a chemical engineering conference to be held in Christchurch.

Team member Anne Philcox said their design features a steam engine from a steam engine kit set, and a reactor made from stainless steel and copper piping.

"The chemical reaction we used was the decomposition of hydrogen peroxide, which when you add potassium permanganate to it, produces oxygen gas which in turn pushes the pistons—it's very much like the way a normal steam engine works," she said.

— Ben Osborne



Chemical Engineering students (from left) Danny Jenkins, Felicity Lloyd, Stephen Bryan and Anne Philcox and their "Chem-E-Car". Photo: Ben Osborne.

Adelaide dairy cows to become the world's cream

THE University of Adelaide's Roseworthy Campus will become the Australian supplier of some of the world's top dairy cattle and genetic stock, thanks to a new contract signed by the University and a major international company.

The Roseworthy Campus, which operates its own dairy herd, has signed a contract with SEMEX Pty Ltd, the Australian arm of the Canadian-based SEMEX Alliance, an international supplier of dairy genetics.

Under the deal, an "elite herd" of the Holstein breed of cattle will be created at the Roseworthy Campus. Holstein cattle are widely regarded as among the world's best dairy cattle.

The agreement means the University of Adelaide will become the first Australian centre of elite Holstein genetics, with access to the best genetic stock available.

The dairy herd at Roseworthy is already counted among the top 30% of Holstein genetic stock in Australia. It will become an elite herd over the next five years, with benefits to industry both nationally and internationally.



From left: Jim Conroy and Paul Larmer from SEMEX, "Roseworthy Mandel Mandy", who generated some interest at the Royal Show Holstein sales, and Professor Simon Maddocks and Matthew Bekker from Roseworthy Campus.

The agreement between the University and SEMEX was announced at the Royal Adelaide Show's Holstein sales, by Mr Paul Larmer, Sales and Marketing Manager for the SEMEX Alliance Canada and Director of SEMEX Pty Ltd Australia, and Mr Jim

Conroy, General Manager for SEMEX Pty Ltd in Australia.

Mr Larmer, in Adelaide to judge the Holstein section at the Royal Adelaide Show, said the concept of the elite herd at Roseworthy was an

exciting development for both the University and SEMEX.

"It is our objective to obtain a global genetics profile in all the major dairy populations of the world," Mr Larmer said.

The Director of the University's Roseworthy Campus, Professor Simon Maddocks, said the agreement significantly enhanced the Roseworthy vision of the provision of first-class training facilities in agriculture, as well as continuing the development of commercial success for Roseworthy's farming operations.

"The Roseworthy Farm has to be a commercially viable enterprise for it to fulfil its purpose as a teaching unit," Professor Maddocks said.

"It is critical that the Roseworthy facilities continue to offer students access to best practice as part of their training. The management of this elite herd will give our graduates unique first-hand training and exposure to the processes and skills needed to be among the best in this industry, not only nationally, but on an international level."

—Lee Welch
—David Ellis

COMING EVENTS

October 2002

THURSDAY, OCTOBER 3

12noon Obstetrics and Gynaecology Seminar: "Early trophoblast development with pregnancy outcomes" by Dr Jan Jaap Erwich (University Hospital, The Netherlands). Seminar Room, Level 6, Medical School North.

1.10pm Inaugural Lecture: "A role for natural history in modern biology" by Professor Roger Seymour. Council Room, Level 7, Wills Building.

FRIDAY, OCTOBER 4

4pm Obstetrics and Gynaecology Seminar: "Comparative Placentation in the Light of Molecular Phylogenetics" by Dr Anthony Carter (University of Southern Denmark). Seminar Room, Level 6, Medical School North.

TUESDAY, OCTOBER 8

1.10pm Learning and Teaching Development Unit Seminar: "SELT—Big Brother or Staff Development" by Associate Professor Geoffrey Crisp (LTDU Director). Seminar Room 2, Level 2, Schulz Building.

WEDNESDAY, OCTOBER 9

10.10am Electrical and Electronic Engineering Seminar: "Perceptually Realistic Simulation of Motion in Computer Displays and Movies" by Mr Andrew Straw (Electrical and Electronic Engineering). S112, Engineering South Building.

1pm Environmental Biology Seminar: "Islands under the desert: evolutionary origins of subterranean water beetles from calcrete aquifers of central Western Australia" by Dr Steve Cooper (South Australian Museum). Lecture Theatre G03, Ground Floor, Napier Building.

1.10pm Student Workshop: "The Perfect Procrastinator". Counselling Centre, ground floor, Horace Lamb Building

5.30pm Centre for Biomedical Engineering Seminar: "Peptide and Protein Toxins: Structure & Mechanics" by Dr Ray Norton (Walter & Eliza Hall Institute of Medical Research, Melbourne). Hone Lecture Theatre, SG15, Ground Floor, Medical Building South.

THURSDAY, OCTOBER 10

2pm Adelaide Research and Innovation Workshop: "Paths to Commercialisation" with Rob McInnes (leading technology lawyer from Baldwin Shelston Waters). Level 11, 10 Pulteney Street – for more information, phone Georgia Sherry on (08) 8303 6099. Cost: \$120.

7.45pm Field Geology Club of South Australia Lecture: "Astronomical updates" by Mr Paul Curnow. Mawson Lecture Theatre.

FRIDAY, OCTOBER 11

4pm Obstetrics and Gynaecology Seminar: "A mouse model to study F1t-3 ligand mobilised prostatic dendritic cells and the effects of castration" by Dr Michael Brown (Hanson Institute). Seminar Room, Level 6, Medical School North.

SUNDAY, OCTOBER 13

11.30am Don Dunstan Foundation Seminar: Special Refugee Forum, featuring Dr Anthony Burke and Professor Kay Schaffer (both University of Adelaide), and Dr Amir Al-Obadi (former Iraqi detainee now working with Woomera lawyers). Governor Hindmarsh Hotel, Port Road, Hindmarsh. \$22 (light lunch included) – bookings are essential, phone Tricia on (08) 8303 3364.

MONDAY, OCTOBER 14

12.30pm Surgical Grand Round: "Surgery, Medicine and the Coroner" by Mr Wayne Chivell (State Coroner). Robson Lecture Theatre, Level One, Eleanor Harrald Building.

1pm History Seminar: "Not made for the Army: Nora Heysen's time as a war artist" by Dr Catherine Speck (History). Common Room 420, Level 4, Napier Building.

1.10pm Student Workshop: "Meditation". Counselling Centre, ground floor, Horace Lamb Building.

TUESDAY, OCTOBER 15

1.10pm Learning and Teaching Development Unit Seminar: "Plagiarism or language development?" by Ms Ursula McGowan (LTDU Deputy Director). Seminar Room 2, Level 2, Schulz Building.

1.10pm Student Workshop: "Surviving a PhD". Counselling Centre, ground floor, Horace Lamb Building.

WEDNESDAY, OCTOBER 16

1pm Environmental Biology Seminar: "REVEG: are there enough native pollinators to sustain these plant populations" by Mr Alex Coombe (Environmental Biology). Lecture Theatre G03, Ground Floor, Napier Building.

THURSDAY, OCTOBER 17

1pm Chemical Pathology Seminar: "Enzyme Replacement Therapy in Mucopolysaccharidosis Type IIIA mice", PhD presentation by Briony Gliddon, (Chemical Pathology, WCH). Seminar Room 1, 4th Floor, Reiger Building, WCH.

FRIDAY, OCTOBER 18

4pm Obstetrics and Gynaecology Seminar: "How orally administered medicines reach the systemic circulation: new mechanisms, theories and

techniques" by Professor Andrew Somogyi (Clinical and Experimental Pharmacology). Seminar Room, Level 6, Medical School North.

MONDAY, OCTOBER 21

12noon Law School/Australian National University Centre of Tax System Integrity Seminar: "Pleased to Meet You... Can't You Guess My Name" – Identity Fraud, Cyber Crime and White Collar Delinquency" by Professor Henry Pontell (University of California, Irvine). Lecture Theatre 2, Level 3, Ligertwood Building.

12.30pm Surgical Grand Round: Title to be announced, by Professor Bill Runciman (Department of Anaesthesiology). Robson Lecture Theatre, Level One, Eleanor Harrald Building.

1pm History Seminar: "John Spargo: Letters to Friends and Enemies" by Dr Ric Zuckerman (History). Common Room 420, Level 4, Napier Building.

1.10pm Law School Seminar: "In the Public Good – A Study of the Work of the Woomera Lawyers Group" by Ms Margaret Castles (University of Adelaide) and Mr Jeremy Moore. Room 2.16, Level 2, Ligertwood Building.

1.10pm Learning and Teaching Development Unit Seminar: "Evaluating online learning experiences at Adelaide University for staff and students in 2001" by Dr Susan Shannon and Mr Dan McHolm (LTDU Evaluation Service). Seminar Room 2, Level 2, Schulz Building.

1.10pm Student Workshop: "Meditation". Counselling Centre, ground floor, Horace Lamb Building.

8pm Classical Association of South Australia Seminar: "Romans and Barbarians as Seen in Coinage: Contrasting Reality and Propaganda" by Professor Tom Burns (Emory University). Council Room, Level 7, Wills Building.

WEDNESDAY, OCTOBER 23

1pm University Forum: All staff are invited to attend forum, to be hosted by Vice-Chancellor Professor James McWha. Bonython Hall.

1pm Environmental Biology Seminar: "Feather stars and sea lilies; their evolution since the Permian extinction event" by Dr Greg Rouse (South Australian Museum). Lecture Theatre G03, Ground Floor, Napier Building.

THURSDAY, OCTOBER 24

12.45pm Chemical Pathology Seminar: Departmental Update by Dr Michael Fietz, (Biochemical Genetics), Dr Peter Clements, Ms Viv

Muller, and Dr Barbara Paton (Peroxisomal Diseases). Seminar Room 1, 4th Floor, Reiger Building, WCH.

FRIDAY, OCTOBER 25

1pm Environmental Biology Seminar: "The population ecology of an invasive social insect, *Vespa germanica*, in South Australia" by Ms Marta Kasper (Environmental Biology). Room LG29, Lower Ground Floor, Napier Building.

SUNDAY, OCTOBER 27

Field Geology Club of South Australia Excursion: "Gold in the Parra Wirra Conservation Park" by Mr Bob Major.

MONDAY, OCTOBER 28

12.30pm Surgical Grand Round: Title to be announced, by Professor Hock Tan (Women's and Children's Hospital). Robson Lecture Theatre, Level One, Eleanor Harrald Building.

1pm History Seminar: "Connections between biography and hagiography: The Life of the Blessed Hermann-Joseph of Steinfeld" by Dr Sabina Flanagan (History). Common Room 420, Level 4, Napier Building.

1.10pm Student Workshop: "Meditation". Counselling Centre, ground floor, Horace Lamb Building.

TUESDAY, OCTOBER 29

1.10pm Learning and Teaching Development Unit Seminar: "Current practice in Bridging Mathematics" by Dr Geoff Coates (LTDU Maths Learning Service). Seminar Room 2, Level 2, Schulz Building.

1.10pm Student Workshop: "Performing Your Best At Exams". Counselling Centre, ground floor, Horace Lamb Building.

WEDNESDAY, OCTOBER 30

10.10am Electrical and Electronic Engineering Seminar: "A social ecosystem view of electronic support networks" by Richard Boywer (DSTO). S112, Engineering South Building.

1pm Environmental Biology Seminar: "Studies in environmental biology: a terrestrial perspective" by Mr Michael Askew (Environmental Biology). Lecture Theatre G03, Ground Floor, Napier Building.

THURSDAY, OCTOBER 31

1pm Chemical Pathology Seminar: "New Directions for Health in SA - the pointy end" by Mr Jim Birch (CEO, Department of Human Services). Seminar Room 1, 4th Floor, Reiger Building, WCH.

Acclaimed jazz singer returns for concert



Michelle Nicolle: "Australia's best jazz singer."

TWO superb and quite diverse concerts are on offer from the Elder School of Music's Evening Concert Series this month.

On Saturday, October 5 at 8.00pm in Elder Hall, the Elder Conservatorium Symphony Orchestra performs an outstanding program under the baton of Keith Crellin.

The concert opens with Sibelius' popular *Valse Triste*, followed by Carl Nielsen's Flute Concerto, a haunting and beautiful work brought to life by the inspired playing of Honours Performance student Imogen Henning.

The second half of the program is devoted to Shostakovich's highly acclaimed and dynamic Symphony No. 1, the first of his 15 symphonies.

"If you haven't been to any of our concerts so far in the season, this would be a wonderful opportunity to do something different on the long weekend," said the coordinator of the Evening Concert Series, Ms Helen Simpson.

Two weeks later, on Thursday, October 17 at 8.00pm in Scott Theatre, the cream of the Elder School's jazz ensembles will perform an exciting program of instrumental and vocal jazz.

The evening will feature the popular Adelaide Connection jazz choir, directed by both Jo Lawry and Luke Thompson, the Big Band under Hal Hall, plus the Honours Jazz Ensemble and the Bruce Hancock Trio.

Special guest artist for the evening is Michelle Nicolle on vocals. Michelle, a former graduate of the Jazz Program at the Elder School of Music, is now based in Melbourne having completed both her BEd and Dip Jazz at the University of Adelaide.

Michelle won the prestigious National Jazz Award at the Wangaratta International Jazz Festival in 1998 when the

judges included the legendary singer Sheila Jordon and current 'Blue Note' star Kurt Elling, both from the USA.

In 2000 her quartet was nominated for Australian Music Foundations Best Live Jazz Act and Michelle herself was the recipient of the Australian entertainment industry's Mo Award - Jazz Vocalist of the year 2001.

Michelle's second CD, *After the Rain*, was released last year and was named one of six finalists for the ARIA Awards Best Jazz Album.

The Weekend Australian's Kevin Jones described it as "the best album by an Australian jazz singer I have heard in more than a decade of reviewing music", while Kenny Weir from the *Sunday Herald Sun* wrote the album "confirms Nicolle's place as Australia's best jazz singer".

Michelle also works as a freelance vocalist, recording backing vocals for various artists including Charlotte Church (*Just Say Hello*), and she can be heard on several TV advertisements including Hallmark Cards, Mitsubishi Lancer and Banrock Wines.

She currently teaches vocal studies at the Victorian College of the Arts and has been a guest lecturer and examiner at Adelaide's Elder School of Music.

Michelle's return to Adelaide is bound to be a major drawcard of the jazz concert, which is already an extremely popular concert in the evening series.

"Please book your tickets early to secure a seat," Ms Simpson said.

Tickets for these concerts are \$22Adult/\$14Conc/\$8student at all BASS outlets or at the door. All University of Adelaide staff receive the discount price.

Brochures available from BASS, or visit the Elder School's new website at www.music.adelaide.edu.au, or contact Helen Simpson on (08) 8303 5925 (Tues/Thurs) or mobile 0402 120 478.

Elder School students see the future thanks to Symphony Orchestra project

FOR many students of the Elder School of Music, the opportunity to be a member of the Adelaide Symphony Orchestra (ASO) is something they have dreamed of for a long time. It came true for four short days in a real-life working experience in the ASO's recent "Futures Project".

This project evolved because of the orchestra's commitment to the education of the musicians of tomorrow, and their desire to develop stronger ties with the Elder School of Music.

Elder Professor, and Director of the School, Professor Charles Bodman Rae said of the University's relationship with the ASO: "Over the last year, there has been a greatly enhanced relationship with the ASO through the staffing of the School with leading members of the orchestra, such as Associate Concertmaster Margaret Blades and principal cellist Janis Laurs."

During the four days of rehearsals, the 48 students worked alongside members of the Adelaide Symphony Orchestra to prepare four demanding twentieth century works for public performance. Performed on August 30 at the ASO's new city home, the Grainger Studio, were pieces by Stravinsky, Thomas Tallis, Benjamin Britten, and the University of Adelaide's resident composer, Graeme Koehne.

In addition to learning those complex pieces, the Futures Project also created the



Graham Abbott.

opportunity for professionals to pass on skills, knowledge and techniques of professional practice in the orchestral workplace.

The Futures Project has been "outrageously successful", said Project Conductor and Artistic Advisor for the Melbourne Symphony Orchestra's Education program, Graham Abbott.

"I was extremely impressed with how well all of the students fitted in with the ASO, and I loved the way that the ASO players shared their knowledge," he said.

Professor Bodman Rae, also enthused about the project's success, said: "In part this can be attributed to [Elder School staff member] Keith Crellin who is doing a terrific job in training the Elder Conservatorium's Symphony Orchestra, which ensured that the students could successfully go into the project at such a high level."

At the end of their four days of rehearsals, many students had high praise for their experience.

"It was good to experience what it's like working with a professional orchestra," said student percussionist Rachel Rodwell.

"It helped to give me a view with my career choices. Participating in it was a rewarding challenge."

Students involved with Futures Project will be performing with the Elder Conservatorium's Symphony Orchestra on Saturday, October 5, at 8.00pm. Conducted by Keith Crellin, they will perform Nielsen's Flute Concerto and Shostakovich's Symphony No. 1 [see story above].

—Christopher Wainwright

Christopher Wainwright is a recipient of the inaugural 2002 Helpmann Academy and Arts SA Professional Partnerships Scheme, which provides him with an arts journalism mentorship with music writer, critic and musicologist Graham Strahle.

ASQ adds piano talent for concert

PIANIST Stephen Kovacevich, described as "one of the finest pianists in the world today", will give his first chamber music collaboration in Australia this month when the Australian String Quartet (ASQ) presents its last Season 2002 concert, Storm and Passion.

Mr Kovacevich is known to Australian audiences for his past orchestral and recital performances, but the ASQ is bringing him to Australia for his first ever chamber music performances, with concerts in Adelaide, Melbourne, Perth and Sydney.

Mr Kovacevich will join the ASQ (the University of Adelaide's, and Elder School of Music's, quartet-in-residence) to play Brahms's quintet for Piano and Strings in F minor, Opus 34, considered the composer's most epic chamber work—richly imaginative, passionately dramatic.

Other works on the program are Shostakovich's emotional String Quartet No 7, written at the end of his life, and String Quartet No 2 by Perth composer Roger Smalley. Smalley's piece was commissioned by the ASQ and premiered at the 2000 Adelaide Festival.

ASQ - Storm and Passion with special guest Stephen Kovacevich
7pm Thursday, October 17
Adelaide Town Hall
Phone BASS on 131 246
Tickets: \$15-\$43 (service fees apply)
www.asq.com.au

Free Public Lecture

"Pleased to meet you...
won't you guess my name?"

Identity fraud, cyber crime and
white collar delinquency

by Professor Henry Pontell
University of California, Irvine

12 noon, Monday, October 21
Lecture Theatre 2, Level 3
Ligertwood Building
University of Adelaide
North Terrace Campus

Jointly presented by the University of
Adelaide Law School and ANU's Centre for
Tax System Integrity.

Professor Pontell is a widely published
sociologist and criminologist. His lecture will
explore the growing relationships among
identity fraud, cyber crime, and "white-collar
delinquency" (which refers to adolescents—
primarily hackers—who, by virtue of access to
computers and the internet, can now engage
in crimes that were once the exclusive realm
of adults).

Serious cyber crimes, including that of
identity fraud, are increasingly committed by
computer savvy teenagers, whose expertise
allows them to engage in major economic
crimes, including the theft and destruction of
databases, and personal information.

Issues of cause and control are addressed
through a review of case studies and
theoretical ideas in criminology regarding
the areas of juvenile delinquency and white-
collar crime.

To attend the lecture, please RSVP to
Dr Andreas Schloenhardt, Law School,
phone: (08) 8303 6223, or email:
andreas.schloenhardt@adelaide.edu.au

Asia knowledge in jeopardy



At a time when Australia is doing
more business than ever with
Asia, and at a time when the
need for security is at its
greatest, our nation is in
danger from a lack of "Asia
knowledge", according to a
new national report.

The report, called *Maximising
Australia's Asia Knowledge*, was
launched at the University of Adelaide
last month.

Among those attending the launch were
Australia's Minister for Foreign Affairs,
the Hon. Mr Alexander Downer, and the
University's Chancellor, Mr Robert
Champion de Crespigny, who officially
launched the report.

Compiled by the Asian Studies
Association of Australia (ASAA), the
report cautions that Australia's capacity
to engage with Asia is diminishing,
not growing.

It says Australia's "Asia knowledge base" is
in jeopardy at a time when economic
globalisation and security concerns make it
more vital than ever for Australians to
know their neighbours.

"Our capacity to do original research and
produce new knowledge about Asia is
declining," said Professor Purnendra Jain,
Professor of Japanese Studies at the
University of Adelaide (Centre for Asian
Studies) and a member of the Executive
Committee of the ASAA.

"Australia's trade with economically
recessed Japan has risen more than 40% in
the last five years and we maintain a huge
trade surplus with Japan. We also have
vested interests in forming, nurturing and
strengthening political and even defence
ties with Japan. Yet there are only a couple
of academics in Australia who know the
language, can do original research and
build knowledge of Japan on issues
pertaining to its politics, foreign policy
and defence/security orientation.

"The report gives several similar examples
of specific countries, countries that are not
just increasingly powerful nations like
China, but some that will have
considerable impact on Australian policy
by virtue of their geographic proximity.
The Indonesian example comes first to
mind here.

"The report takes a proactive stance in
proposing a series of concrete
recommendations and makes a particularly
strong case for why this field of study is
important to Australia."

—Ben Osborne
—David Ellis

Expert warns against Iraq attack

AUSTRALIA'S involvement in a
US-led attack on Iraq may leave us
vulnerable in the Asia-Pacific region,
according to a University of Adelaide
defence analyst.

Dr John Bruni, a Visiting Research Fellow
with the University's Centre for Asian
Studies, said Australia's already limited
defence capabilities would be stretched to
breaking point if the nation engaged in a
full-scale assault on Iraq.

The author of the book *On Weapons
Decisions: How Australia Chooses To Arm
Itself (1963-96)*, Dr Bruni said Australia
should not engage in a new war on Iraq,
for political and economic reasons.

"The country simply cannot afford to keep
pushing its defence resources to the limit,
and we cannot afford to see the goodwill
in our own neighbourhood dry up,"
Dr Bruni said.

"We have enough defence problems in our
own backyard. Too much attention on the
Middle-east detracts from Australia's
own areas of responsibility, such as PNG,
Fiji, Vanuatu and the Solomon Islands, to
name just a few.

"If we commit too many resources to a
conflict with Iraq there is no option for the
Australian Government but to ignore the
region, and Australia ignores the region at
its own peril."

Dr Bruni said Australia's role in a US
attack on Iraq would also be politically
damaging within the region.

"The government will have a hard enough
time trying to sell the idea to the
Australian public, but there is much
dissent among our Asia-Pacific
neighbours to the way the US has
handled its approach to Iraq and its
war on terrorists.

"Australia will win very few friends among
our immediate neighbours if we take an
uncritical approach to the US response.

"This is not to say that terrorists should
not be dealt with. However, not everyone
respects brute force. Australia should not
be so keen to fall in line with the
Americans' brute force approach."

—David Ellis

OBITUARY

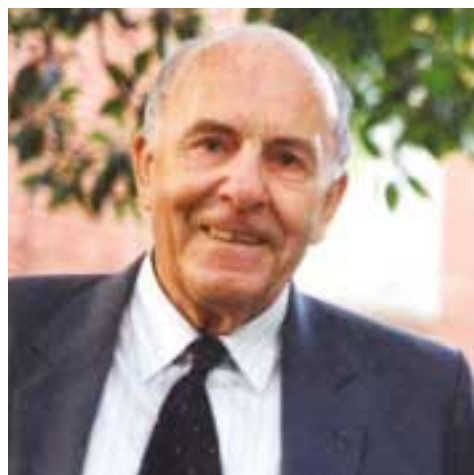
PETER FERGUSON BROWNELL DSc OAM (1922-2002)

PETER Brownell was educated at
Girton, Kings and St Peter's Colleges.
He graduated from Roseworthy
Agricultural College (1947) and worked
for the SA Department of Agriculture
(1951-54) as a Soil Conservation Officer,
which entailed the construction of
contour banks in the mid-north.

He graduated from the University of Adelaide
with BAgSc in 1951 and Honours in 1954.
His Roseworthy studies were interrupted
when he enlisted in the RAAF (1943-6),
serving in Canada and UK.

Peter's PhD (1958) studies in the Botany
Department at the University of Adelaide
established that sodium was an essential
nutrient for some, but not all, plants. This
was pioneering work in many ways. Plants had to
be grown in a sodium-free environment,
which entailed extensive purification of the
nutrient salts, distilling water in quartz
equipment and stringent purification of the air
to remove all traces of sea spray. Seeking an
extremely sensitive method for measuring
sodium, Peter was one of the first botanists to
use atomic absorption spectrometry.

His postdoctoral experiments in Botany
(1958-64) demonstrated a spectacular
response of saltbush seedlings to sodium
deficiency. Many arid species and common
garden plants were investigated, without any
common thread among the responsive plants.



Before accepting a tenured lectureship at
James Cook University (1967) he was a
Research Fellow in Agricultural Biochemistry
and Soil Science at Waite, investigating the
effects of sodium on the growth and nitrogen
metabolism of *Anabaena*.

At JCU his enthusiasm and happy, friendly
personality attracted many research students.
By now a photosynthetic variant (C4 pathway)
had emerged and Peter's responsive plants
belonged to this group. In an effort to
determine the role of sodium, high
concentrations of CO₂ were shown to relieve
the effect of sodium deficiency and Peter
surmised that sodium was involved in the
transport of bicarbonate into chloroplasts.

In 1994, Peter was rewarded for this
fundamental research, with both the Sir
Joseph Verco Medal from the Royal Society
of SA and a DSc from the University
of Adelaide.

In Townsville, his abiding interest in the
welfare of students and his role as mentor
was so appreciated that he was made a life member
of University Hall, and the Seniors Common
Room is now the Peter Brownell Room.

At the University of Adelaide as a mature-age
student, he was introduced to, and very much
enjoyed, Rugby Union. He became Patron of
the JCU Rugby Club in 1969 and of
Townsville and District Rugby Union in 1967,
holding both positions until his death. In
1970, he joined Legacy, serving as Education
Officer, and past President. These
achievements in science and services to James
Cook University and Townsville led to an
OAM in 1998.

In May, about 95 people attended a
symposium at JCU to celebrate his 80th
birthday, many being his fellow students from
Roseworthy, and colleagues from the
University of Adelaide. The world is truly a
better place for the life and work of Peter, an
incisive scientist, a much-admired colleague
and a wonderful friend.

—Max Tate and Joe Wiskich

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Alumni leaders honoured at Homecoming event

LEADERS of University of Adelaide Alumni chapters in Singapore and Malaysia were honoured with Distinguished Alumni Awards at the recent Homecoming event in Adelaide.

The recipients were the Chief Minister of Sarawak, Datuk Patinggi Tan Sri (Dr) Haji Abdul Taib Mahmud, who is the inaugural president of the new Sarawak Alumni Chapter, and Mr Michael Khor Teik Hean, immediate past president of the Singapore Chapter.



Datuk Patinggi Tan Sri (Dr) Haji Abdul Taib Mahmud.



Mr Michael Khor Teik Hean.

The awards recognise outstanding contributions to the University of Adelaide by distinguished graduates, and were presented to the recipients at a Homecoming Dinner hosted by the Premier of South Australia, Mr Mike Rann.

The Chief Minister of Sarawak, Government Ministers from Malaysia and Mr Khor were

among 60 international alumni and guests who returned to their alma mater for the Homecoming event. The event was hosted by the University of Adelaide in conjunction with Her Excellency the Governor, the Premier and the Lord Mayor.

The Homecoming (September 8-9) immediately followed the Australian Universities International Alumni Convention in Melbourne (September 5-7).

Adelaide alumni were prominent at the convention, with four Adelaide graduates being speakers at the event and one session being chaired by the Vice-Chancellor, Professor James McWha. The Chief Minister was also a patron of the event.

Among those attending were an impressive contingent from Sarawak and Sabah, East Malaysia, and delegates from West Malaysia, Singapore, Indonesia and Cambodia.

The Homecoming event offered an opportunity for many of those delegates to return to Adelaide and to see their University as it is today.

During their brief visit back to Adelaide, old scholars attended:

- a dinner hosted by the Lord Mayor of Adelaide, Mr Alfred Huang
- the official Homecoming Breakfast at the Equinox Restaurant, hosted by Professor McWha
- a tour of the campus, including the new Santos Petroleum Engineering Building
- a presentation of key areas of research being conducted at the University, by Professor Peter Rathjen, Professor Geoff Fincher and Associate Professor Gus Nathan, held at St Mark's College.

The Chief Minister and Law graduates also toured the Law School, including visits to the Law Library and a lecture in progress, and met with the new Dean of Law Professor Paul Fairall.

A full report on the Australian Universities International Alumni Convention will be included in the November issue of the *Adelaidean*.

—David Ellis



The prestigious Alumni University Medal was recently presented to Najmeh Habili, who graduated with Bachelor of Laws (Honours). Najmeh is pictured here with Alumni Chair Greg Crafter. Nominees for the Alumni University Medal are Honours students of outstanding academic merit, with the winner being the most outstanding among them.

Library donors thanked

DONORS to the Barr Smith Library Appeal were given a special thank you in the library's magnificent Reading Room recently.

Vice-Chancellor Professor James McWha thanked the more than 300 people who contributed to the appeal. They raised in excess of \$35,000 to support the library, which is one of the University's (and the State's) most treasured resources.

Professor McWha said the assistance provided to the University by donors was invaluable, because they also brought with them "a wealth of goodwill".

"Investment in the University will provide immense benefits for the students and staff, develop our expertise and provide for the continuation and improvement of our unique resources, such as the Barr Smith Library," he said.

Guest speaker at the event was well-known author Professor Tom Shapcott from the English Department's Creative Writing program.

The event also saw the launch of the Friends of the University of Adelaide Library—the newest chapter of the Alumni Association.



Professor Tom Shapcott speaking to donors.

ALUMNI NEWS

Business Woman of the Year

Lyn Pearson, the Director of Ambulance Operations for the SA Ambulance Service, was named the Telstra SA Business Woman of the Year for 2002. Ms Pearson, a graduate of the University of Adelaide's MBA program, rose through the ranks from a volunteer to being in charge of the Ambulance Service budget and 1800 staff and volunteers. Ms Pearson was also the winner of the Community and Government Category.

Another MBA graduate, Larissa Vakulina, was a finalist in the Private and Corporate Sector Category.

"Since their inception in 1995, the Telstra Business Women's Awards have celebrated the achievements of some truly remarkable Australian women," said Pamela Lee, President of the Adelaide MBA Alumni Association. "These extraordinary people have achieved amazing goals, set new benchmarks in business excellence and highlighted the significant contribution that

women across all levels and types of business have achieved," she said.

1952 Golden Jubilee

Each year the University of Adelaide's Alumni Association has the great pleasure of organising a 50-year reunion for its graduates. This event is known as the Golden Jubilee and this year we celebrate the 50th anniversary of 1952 graduates.

The 1952 Golden Jubilee commemoration ceremony will be held on October 18, 10.30am at Bonython Hall.

The University of Adelaide Alumni Association invites all staff and graduates to participate in this celebration. Further information can be obtained by contacting the Alumni, Community Relations and Development office on (08) 8303 5800.

30-Year Reunion

The Alumni, Community Relations and Development office is developing a reunion program that includes both year and discipline-related events.

The inaugural 30-year reunion, planned for later this year, has been postponed due to the many challenges in tracking missing graduates. We now plan to hold our first 30-year reunion in 2003 with a grouping of years to include 1972, 1973 and 1974.

If you are graduate of these years and would like to assist our office in developing this program please contact us on (08) 8303 3196.

Cornell Chapter

The Cornell Chapter will be holding its AGM and Annual Dinner this year in the Ball Room (formerly the Senior Common Room) at St Mark's College on Friday, November 22. The AGM will begin at 6.00 pm, the Annual Dinner at 7.00 pm for 7.30 pm.

Young Alumni Program

The Alumni Association is establishing a Young Alumni Program aimed to cater to the needs of alumni aged between 18-30 years. We are compiling a list of alumni who

are interested in being involved, so if you would like to be part of this new venture and have the opportunity to meet other young alumni we would like to hear from you.

Further information can be obtained from Ms Joan Soon at (08) 8303 3317 or by email: joan.soon@adelaide.edu.au

Medical Vignerons Luncheon

The Florey Medical Chapter will be hosting its annual Medical Vignerons Luncheon and Annual General Meeting on November 3 at the Glenelg Golf Club. Please contact the Alumni, Community Relations and Development office on (08) 8303 5800 for further details.

Friends of the University Library

Seminar—Thursday, November 7, 6.30pm: "From carbon copies to computers: literature in Australia between 1950 and 2000" by Tom Shapcott, Professor of Creative Writing. Ira Raymond Exhibition Room, Barr Smith Library. Enquiries: (08) 8303 5223.

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It's the 6th Glenelg Jazz Festival and the guest list keeps growing. The emphasis this year is on the clarinet, but there's jazz for all believers and infidels, from swing to trad to cool vibes. So join us on air for an audio taste of the music and the great food and wine, meet the performers and hear them live from the concert stages.

Listen out for national icons including **Mike Nock**, **Don Burrows** and Perth's vivacious international vocalist **Jeanie Lambe**, as well as more than 20 Sa outfits ranging across jazz and blues.

The exciting range of international guests includes French clarinettist **Louis Sclavis** who describes his musical universe as 'reminiscent of the Calcutta Railway Station concourse'; one of Finnish saxophonist **Jukka Perko**; and the new Mr Silky Smooth - **Steven March** 'son of Mel' **Torme**, who combines classic melodies with scat and a sense of humour.

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Peter's private lives exposed

ONE of Adelaide's most public figures, Peter Goërs, brings Noël Coward's *Private Lives* to the stage for the University of Adelaide Theatre Guild's final production in 2002.

Mr Goërs is director and designer of what is regarded as one of the finest plays in the English language.

Private Lives is a comedy of bad manners set in the early 1930s, and features the divorced Elyot (played by Ben Passehl) and Amanda (Martha Lott) fortuitously reuniting—and falling back in love—on their subsequent honeymoons to new partners.

What follows is politically incorrect hilarity, full of exquisite quips and boorish bonking from the idle Riviera rich.

Mr Goërs, an Honorary Life Member of the Theatre Guild and its artistic director from 1982 to 1985, promises theatregoers a worthy climax to what has been a very successful year for the Guild.

"This year has been an excellent one for the Theatre Guild, with very successful productions of *Amadeus* and *Much Ado About Nothing*," he said.

"There's a great vibrancy to Adelaide theatre at the moment, a vibrancy I haven't experienced before outside of the Fringe and Festival, with shows like *Much Ado About Nothing* and *The Merchant of Venice*.

"There also seems to be a surge of good young actors in Adelaide, and I'm delighted to be using five of them in this production."

Other actors in the show are Maggie O'Grady as Sybil, John McCall as Victor, and Karen Bannear as Louise.

—Ben Osborne

Private Lives

Little Theatre, Union House

Saturday, October 19

Tuesday, October 22-Saturday,
October 26

Tuesday, October 29-Saturday,
November 2

All performances start at 7.30pm

Tickets \$20/\$15, available from the Guild on (08) 8303 5999, BASS on 131 246, or online at www.adelaide.edu.au/clubs/theatreguild

Director Peter Goërs strikes a Cowardesque pose.



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NEWSMAKERS

Genetic modification and genetic engineering are "on hold" in the wine industry, according to **Professor Peter Hoj**. In an interview with the Epicure section of *The Age* (September 10) he said that, in the long run, consumers and the market would decide what happens.

Dr Graham Elford told *The Australian* (September 7) that a fireball seen in the sky by Fleurieu Peninsula residents was more than likely a small meteorite. On *891 ABC* (September 14) **Dr Paddy McGee** outlined what sky-gazers are likely to see near Ceduna during the solar eclipse on December 4.

Channel 9 News interviewed postgraduate researcher **Heather Morton** about obesity

among children and the role played by TV fast food advertisements. On *Triple J*, **Dr Tony Parker** spoke about the success of "buddy systems" in helping students settle into university life. **Dr Bertram Ostendorf** told *5CK* (September 13) of a threefold increase in wombat numbers in the state's far west in the past 20 years—a development that has prompted calls to kill the animals for their meat.

Stem cell research continued to generate strong media interest. **Dr Jeremy Thompson** wrote a column for *The Sunday Mail* (September 1) arguing the scientists' case, and **Professor Peter Rathjen** told *The Australian* (September 9) that amidst all the "hysteria", people were losing sight of the

power of science to overcome as well as create moral hurdles. **Dr Simon Koblar** was interviewed by *891 ABC* (September 10) and other media outlets about his team's research into using neural stem cells to repair brain injury damage.

The Sunday Mail (September 8) spoke to **Bruce Hancock** about a doubling in the number of women applying to study jazz voice in the past five years. **Professor Alastair MacLennan's** study of alternative medicine use attracted widespread media interest, including front-page reports in *The Age* and *The Sydney Morning Herald* and coverage on *BBC Radio* and *Radio National*. The challenge that ageing HIV sufferers will pose to the aged care sector was discussed by

Dr Gary Rogers in *The Australian* (September 3). On Phillip Satchell's program on *891 ABC* (September 9), **Dr Ian Musgrave** spoke about the fifth-largest cause of death among people over 65, Alzheimer's disease.

The RAA's magazine, *SA Motor*, interviewed **Professor Nigel Jones** about the work of the Adelaide Head Injury Research Group and also spoke to **Dr Robert Anderson** about the Road Accident Research Unit's work into protective helmets and headbands for drivers.

On *The World Today* on *ABC* (September 17) **Dr Peter Szekeres** discussed a new report that the hole in the ozone layer is on the mend.