

Adelaidean

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News from the University of Adelaide

August 2002

I N S I D E



**National
Science Week**

August 9-30



**Information
Day**

August 18



**Roseworthy
Information Day**

August 16



THE UNIVERSITY
OF ADELAIDE
AUSTRALIA

Space science degree blasts off in 2003

TWO new degrees—one in Space Science and the other in Optics—are expected to be in high demand at the University of Adelaide next year.

Both degrees offer a unique educational experience to students who want careers in these exciting fields.

Details about the new degrees will be available at the University of Adelaide's Information Day on Sunday, August 18, at the North Terrace campus.

The new **Bachelor of Science (Space Science and Astrophysics)** aims to produce graduates that are well suited to careers in space and astrophysical research.

Graduates are likely to follow career paths in a range of industries, putting into practice the knowledge gained in astronomy and other areas of physics and geophysics. Opportunities include employment in hi-tech research and development industries, including defence, as well as universities, other research institutes and national space agencies.

"Space Science and Astrophysics explores the fundamental processes of our universe, from the atmosphere of the earth and the other local planets to the most distant regions," said the course coordinator, Associate Professor Iain Reid from the Department of Physics & Mathematical Physics.

"The understanding of those processes underpins much of the world's research into astronomy, studies of the solar system and the practical use of space, such as space travel and observation," he said.

"Work in this field is vitally important in improving our knowledge and understanding of the universe as a whole, and in enabling us to understand the environment within which space vehicles and planet Earth must operate."

The Bachelor of Science (Space Science and Astrophysics) program consists of core training in the disciplines of astronomy, space science and physics.

Students will also have opportunities to take part in project work with established scientists in the field.

"Direct exposure to professionals in the fields of space science and astrophysics will enable students to form mentoring relationships, and give them a unique educational experience," Dr Reid said.

"We expect interest in this new course to be very high."

The new **Bachelor of Science (Optics & Photonics)** will not only provide an exciting new career path in applied physics, but also help to address an expected shortfall in this area of expertise in South Australia.

Photonics is the exploration and development of the use of laser light in any endeavour, be it scientific, technological, medical or artistic.

Photonics is a key part of the State's hi-tech research sector, from defence and industry to medical applications. This activity is enabled by a strong optics research effort at the University of Adelaide, supported by the University, the Defence Science and Technology Organisation (DSTO) and local industry.

While graduates from all aspects of photonics are in high demand, an acute shortage of graduates for optical communications and data handling has been predicted for the coming decades. This shortage is predicted for graduates at all levels (BSc to PhD).

Graduates from this new degree have the option of immediate rewarding employment in the communications industry and defence, or continued education in the University's honours and PhD programs.

The Bachelor of Science (Optics and Photonics) degree is designed for students who have enjoyed physics in school, and who would like a career making use of physics without necessarily having to complete a PhD.

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Andy gives thumbs up to space interest



Andy Thomas is fitted into a flight suit prior to his last Space Shuttle mission. Photo: NASA.

ASTRONAUT Andy Thomas says he's thrilled to see an increase in interest in space at the University of Adelaide and in South Australia generally.

Not only has the University announced a new Space Science degree for next year, interest in aerospace engineering has been building at Adelaide over the past few years. In 2004 Adelaide will also be a host of one of the most prestigious space education events in the world, the International Space University [see story on page 6].

A University of Adelaide engineering graduate, Dr Thomas has had a successful career as an aeronautical engineer and, in more recent years, as a NASA astronaut.

"It is important for the community to prepare the next generation of leaders for the challenges of the 21st Century," Dr Thomas told the *Adelaidean*.

"This means that they must be given the capability to understand the technical issues facing the modern world as well as the vision to see the benefits that embracing them can bring to Australia."

Dr Thomas said most of the opportunities for graduates seeking jobs in space remained in the "academic arena".

"But that is very important because without a strong academic base in teaching and research, the country will never be a competitive player on the world stage. It is only in strong commitment to teaching and research that the future economic strength of the country lies. It does not lie with the importation of all its knowledge and skills."

Dr Thomas encouraged Adelaide graduates to use their knowledge to travel and experience other cultures and environments, "and to enhance their skills and widen their viewpoints".

Continued on page 6



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COMMENT

A YEAR AT ADELAIDE

PROFESSOR Cliff Blake officially ends his term as Vice-Chancellor this month, having stepped into the role almost exactly one year ago.

Professor Blake (pictured) came out of retirement to accept the position, pending the appointment of a permanent Vice-Chancellor. That new Vice-Chancellor is Professor James McWha, formerly of Massey University in New Zealand. Professor McWha officially takes up his position at the University of Adelaide on Monday, August 5.

The following piece written by Professor Blake sums up his time at the University.

During the last 12 months, the University of Adelaide has undergone many changes, each intended to make the University more client-focused, responsive to changes in employment opportunities for graduates and improve internal efficiencies.

Many of these changes have been made relatively late compared to the restructuring and repositioning strategies employed by the other research-intensive universities in Australia. The changes made at the University of Adelaide include:

(1) The Council has recommended to the South Australian Government a substantial overhaul of the 1971 University of Adelaide Act. Principal among these changes have been:

- a clearer statement of the role and responsibilities of Council to set strategic directions, monitor performance, and define accountabilities
- to recognise the Academic Board as the principal academic body within the University and to empower the Board to make academic decisions on behalf of Council as well as to set the broad teaching, learning and research policies.
- to change the structure of the membership of the Council so that its composition is more appropriate to contemporary needs.

(2) Standing committees of Council have been established with clear statements of responsibility and reporting lines. The structure adopted is based on a review of the governance of the University undertaken by Professor David Penington, and is intended to provide Council with well-considered advice on all aspects of the University's operations and to assist Council with its monitoring role.

(3) Six faculties have been reduced to five by the amalgamation of the former Faculty of Agriculture and Natural Resource



Sciences with the Faculty of Science. This amalgamation reduces duplication, creates viable courses and encourages interdisciplinary programs to better underpin both teaching and research.

Some 40 different departments have been reduced to about 10 larger and more interdisciplinary schools, thereby cutting overhead costs, creating larger and more flexible administrative groupings and providing opportunities for greater synergies in both research and teaching.

(4) To balance the University's operating budget, some \$13 million has been withdrawn from the annual budget through a combination of reducing staff numbers, introducing better internal financial controls, outsourcing, and savings in the costs of utilities, services, and purchasing arrangements. Most significantly, the University has sought to better align the numbers and distribution of academic staff with the pattern of student enrolments and to reduce the number of administrative staff. This has involved removing staff from areas of low enrolment and transferring those positions to areas of high student demand.

While the total number of staff has been reduced, at the same time the University has put in place an active program of staff renewal and system enhancements. New leadership positions are being created to lead key teaching and research

developments, and additional staff appointed to areas where staff/student ratios are excessive, or to areas deemed to be of strategic significance in the future. This renewal strategy is intended to invigorate the University by the introduction of some new and younger staff and to concentrate areas of research strength with higher degree training capacity.

(5) While reducing operating costs, the University has sought to grow its revenue base. To do this, an International Office has been formed to increase the number of international fee-paying students, and Adelaide Research and Innovation has been established to better manage, coordinate, and expand research consultancy activities as well as the commercialisation of research outcomes. A strong commitment to planning, and to data collection and analysis for quality assurance and management purposes, has led to the establishment of a University Planning Unit.

The University is also investing more in marketing and public relations to better promote the University among school leavers and adult learners who wish to enrol in undergraduate programs or in postgraduate fee-paying courses.

(6) The University has made significant changes to its leadership team. Professor James McWha, Vice-Chancellor of Massey University in New Zealand, has been appointed Vice-Chancellor and will enter on duty on August 5. Professor Peter Rathjen has been appointed Executive Dean, Faculty of Sciences; Professor Michael Innes as Executive Dean, Faculty of Humanities and Social Sciences; Professor Fred MacDougall as Executive Dean, Faculty of the Professions; Mr Paul Duldig (formerly of State Treasury) as Executive Director, Finance and Infrastructure; Ms Susan MacIntosh (formerly of the Department of Premier and Cabinet) as Executive Director, Student and Staff Services; Ms Susan Graebner to the newly created position of University Secretary; and Mr Peter Ball as Director, International Office. Shortly, a new Dean of Graduate Studies will be announced.

While the changes made in the past 12 months are substantial, many of the issues addressed have persisted for a number of years and contributed to the financial difficulties identified in 2001. That these problems are now being addressed should enable the University to return quickly to a stable financial position and to embark upon a vigorous program of investment in infrastructure and growth on many fronts. The University looks forward with confidence to playing a vital role in the future economic, social and cultural development of South Australia and beyond.

This piece was printed recently in Campus Review.

Economics hits 100

ECONOMICS is celebrating 100 years at the University of Adelaide, and next month there are three main events to help it do so—a public lecture, a dinner, and a major conference.

The Joseph Fisher Lecture will be given by leading economist Professor Edward Barbier (University of Wyoming) at 4.30pm in Napier Lecture Theatre 102 on Monday, September 30. His topic is the role of natural resources in economic development.

That night, the School of Economics is holding its Centenary Dinner at the National Wine Centre, 7.30pm. The price

per head is just \$50. Tables of up to 10 are available for bookings.

For more information contact Wendy Zweck at the Centre for International Economic Studies, phone (08) 8303 5672 or email: wendy.zweck@adelaide.edu.au

In the same week (September 30 to October 4) around 300 delegates will converge on Adelaide for the annual Australian Conference of Economists. Some of Australia's most crucial and hotly debated economics issues will be discussed at the conference, which features internationally renowned speakers.

For more information:
www.ecosoc.org.au/conf2002.html

Quality high on Adelaide's agenda

THE University of Adelaide is leading the way in introducing a national quality assurance system aimed at improving standards in Australian higher education.

Adelaide is the first South Australian and first Group of Eight university to undertake a self-assessment audit as part of a process developed by the recently established Australian Universities' Quality Agency (AUQA).

The University's self-analysis has been forwarded to the Agency which will send a team to Adelaide to undertake its own independent audit later this year.

The University of Adelaide is one of eight higher education institutions participating in the first year of the audit. Under the new system, every Australian higher education institution is required to undertake a detailed self-appraisal, identifying its strengths and weaknesses, and to host an AUQA audit visit every five years. All audit reports will be made available publicly.

The University of Adelaide's Deputy Vice-Chancellor and Provost, Professor Penny Boumelha, said the University welcomed the opportunity to participate in the scheme at such an early stage.

"Quality audits promise to be an invaluable tool for Australian higher education institutions," she said. "They will enable us to identify where improvements are needed, whether in the courses and services we offer to students, in research and research training, learning and teaching, management and administration, or in other areas.

"They will help to provide better and more consistent analyses of institutional performance across the higher education sector. This will help inform the wider community better about the activities and contributions of our universities.

"For the University of Adelaide, the self-assessment process has been most instructive. The rigorous self-appraisal we undertook has helped us to identify areas in need of improvement and develop strategies for addressing them. It has also highlighted those areas in which we continue to out-perform many bigger and better-resourced universities.

"We look forward to the AUQA audit visit later this year and to working with the Agency to ensure that the University of Adelaide maintains its position at the forefront of research and education in Australia."

—John Drislane

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: August 22.

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New VC hits ground running

PROFESSOR James McWha becomes the University of Adelaide's new Vice-Chancellor on Monday, August 5.

Formerly Vice-Chancellor and President of Massey University in New Zealand, Professor McWha is the 19th Vice-Chancellor in the University of Adelaide's 128-year history.

Professor McWha has an outstanding record as an academic administrator and communicator. Before his appointment at Massey in 1996, Professor McWha had extensive experience in the management of biological research institutes. He also played a formative role in the development of the New Zealand universities' quality assurance system, a system similar to that currently being introduced in Australia [see story on page 2].

Professor McWha has been strongly involved in the higher education sector on a global level, and last month he became Secretary-General of the International Association of University Presidents.

The University's Chancellor, Mr Robert Champion de Crespigny, is holding a formal dinner on August 5 to welcome the new Vice-Chancellor and to thank the outgoing Vice-Chancellor, Professor Cliff Blake, for his contribution to the University over the last 12 months.

Professor McWha's official engagements in his first week at Adelaide include a meeting of the University's Council on August 5, a meeting with the other two South Australian Vice-Chancellors on August 6, the launch of the University's Faculty of Sciences on August 7, and the opening on August 9 of the SA node of the National Networked Tele-Test Facility for Integrated Systems.



Professor James McWha.

NEWS IN BRIEF

Hugo wins \$1.1 million fellowship

One of Australia's most prestigious research fellowships has been awarded to the University of Adelaide's Professor Graeme Hugo (Geographical & Environmental Studies).

Professor Hugo has been awarded a \$1.125 million Federation Fellowship over five years for his research project, "The new paradigm of international migration to and from Australia: dimensions, causes and implications".

Professor Hugo is one of Australia's best-known demographers and commentators on population and migration issues.

He was one of only 11 Australian academics to receive a fellowship in this latest round announced by Education, Training and Science Minister Dr Brendan Nelson.

The Federation Fellowships are the most prestigious and richest publicly funded research fellowships ever offered in Australia.

Language education prize awarded

Professor George Smolicz has been awarded a UNESCO Linguapax Prize for his work in language education.

The prize was awarded at the World Congress on Language Policies in Barcelona.

Professor Smolicz is well known for his work in the University's Centre for Intercultural Studies and Multicultural Education, and he was singled out for the award from the top researchers and scholars in the field.

He has also been appointed to the Advisory Committee of Linguapax, which includes members from around the world.

Eureka Prize nomination

Science communicator and former University of Adelaide science journalist Dr Rob Morrison is a finalist in the Eureka Prize for Critical Thinking. The \$10,000 prize is awarded for investigation into beliefs that owe little or nothing to the rigours of scientific method.

Dr Morrison has been nominated for an article entitled *Trust Me, I'm a Science Communicator*, a study examining how the mechanics and requirements of successful science communication differ sharply from those of formal scientific research reports, and the bias of science communication towards the sensational, speculative, hyperbolic and even fanciful.

An edited version of his article was printed in the *Adelaidean* last year.

To eat or not to eat?

Dr Rob Morrison is hosting a hypothetical this month on the provocative issue of what goes into our food.

"To Eat Or Not To Eat?" is presented by the Australasian Plant Pathology Society (SA Branch) and the University of Adelaide for National Science Week.

The hypothetical features an eight-member panel including Professor Rick Roush (CRC for Weed Management), Professor Edwina Cornish (Deputy Vice-Chancellor Research), Dr Hugh Wallwork (SARDI) and David Bruer (Templebruer wines).

Topical issues such as genetic modification and the use of pesticides on our foods will be discussed.

Where: Charles Hawker Centre, Waite Campus

When: Wednesday, August 21, 6pm

All are welcome. For bookings, phone the University of Adelaide's Faculty of Sciences office on (08) 8303 5673.

Careers and Course Information Day



ONE of the University of Adelaide's most important events in 2002, Information Day, will be held at the North Terrace Campus on Sunday, August 18 from 10am until 4pm.

Information Day offers the chance for prospective students and their families to see first hand what the University is like, why it is widely regarded as the best university in South Australia, and to find out more about the areas of study that interest them.

The main centre of activity will be Bonython Hall, which will host the Information Day expo.

The expo will feature displays from each of the University's five Faculties, and Faculty representatives will be on hand to answer any questions and to give friendly advice.

Specific course talks will be held at various other locations around the North Terrace campus—check the Information Day flyer or the website for details.

University life is more than just studying a course, however, and Information Day has all aspects covered.

Some of the information available on the day includes how to apply and enrol, accommodation, potential careers, and studying abroad.

Also covered will be the latest trends in study, the newest degrees at the University, being online, and double degrees—and if there's anything we've missed, there's even the special Question Me sessions where you get to ask the questions.

To find out more about Information Day, including a full program of the day's events, **visit the website:**

www.adelaide.edu.au/infoday/

ROSEWORTHY CAMPUS, UNIVERSITY OF ADELAIDE

Friday, August 16, 10am to 4pm

CAREER and study opportunities in the increasingly hi-tech world of agricultural science will be on show to the public at the University of Adelaide's Roseworthy Campus on Friday, August 16.

From 10am to 4pm, potential students and their families can learn about the excellent career opportunities in agronomy, animal industries, natural resource management and rural enterprise management.

Current students will conduct tours of the campus including lecture theatres,

computing suites, the library and residential halls, and will speak about the sporting and social activities available on campus.

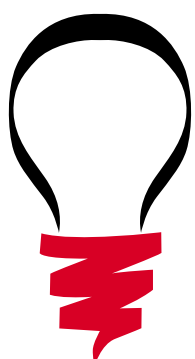
Academic staff will give talks in the morning and afternoon about the courses, entrance requirements and other information vital to students.

Information about travel to Roseworthy and options to stay overnight is available. For more details phone Lynne Brown on (08) 8303 7854.

School groups are welcome.



Grab a psychology sausage for science!



**NATIONAL
SCIENCE
WEEK**

**AUGUST
9 - 30**

THE University of Adelaide's sciences faculties will be on display during Information Day on Sunday, August 18.

As part of National Science Week in August, the three faculties of Sciences, Engineering, Computer & Mathematical Sciences, and Health Sciences are holding an event called Science on Show.

Science on Show will be held in a marquee on the plaza between Bonython Hall and the Ligertwood Building. Hands-on displays will showcase the University's fascinating and

diverse range of science expertise, from chemistry, physics and genetics, to environmental biology, anatomical sciences, mechanical engineering and more.

Displays include virtual reality and artificial intelligence, and there'll be psychology sausages to munch on!

Staff and students will be on hand to talk about degrees and careers that suit you. There will also be tours of some science departments for those who want to take a closer look at the University's top facilities.

Schools urged to form links with parents

SCHOOLS must develop stronger links with parents if inequalities in children's education are to be reduced, according to a new book by the Head of the University of Adelaide's Graduate School of Education, Professor Kevin Marjoribanks.

The book, *Family and School Capital: Towards a Context Theory of Students' School Outcomes*, suggests that the influence of parents on children's educational outcomes is so powerful that it cannot be disentangled from what happens in schools.

In his analysis, Professor Marjoribanks draws on several large-scale longitudinal studies as well as memoirs of unemployed young adults and postgraduate students. In addition, he examines published autobiographies to explore how individuals recall the effect of parents and teachers on their lives.

Professor Marjoribanks identifies "getting ahead" families in which parents have high aspirations for their children, provide stimulating home learning environments, and become meaningfully involved in their children's education.

In contrast, "getting-by" parents tend to have low-to-moderate aspirations and are not particularly involved in their children's education. "Getting-by" parents are often doubly disadvantaged, being unable to help their children at home and unable to interact satisfactorily with teachers in schools.



Professor Kevin Marjoribanks.

"If schools are going to help overcome educational inequities they have to form strong and meaningful partnerships with parents from all social backgrounds," said Professor Marjoribanks.

"They have to develop that partnership from two perspectives: (1) what parents do educationally for the child inside the family, and (2) how the family relates to the school.

"Schools have to develop supportive interactions with families, with special efforts being made for those parents who find it difficult to engage with schools.

"Parents need to understand the nature of the curriculum that is being offered in the school so that children, especially those from economically disadvantaged backgrounds, aren't placed inappropriately into curriculum structures that limit their life chances.

"One of the concerns of this and other research is that children, especially those from poorer families, often have schooling experiences that don't lead to further education possibilities. Parents and teachers have to keep all children's options open for as long as possible."

The book also addresses the "continuing flight" to non-government schools. Professor Marjoribanks said that if the pattern continued, students at traditional government-supported schools were likely to come increasingly from poor families and from minority ethnic/race groups. He said this would increase further the power of economically advantaged parents to shape the nature of educational systems and, potentially, disadvantage to an even greater extent the educational opportunities of children from poorer families.

"The movement to independent schools is happening, in part, because of a perception that they offer more enriched educational opportunities than state schools and have stronger links with higher education. In Adelaide and Australia we have had a fine tradition of splendid state secondary schools that could compete academically with any other school.

"If many schools are to recapture their educational standing within communities and be an attractive choice for parents they should ensure that they (a) have a curriculum and an academic organisation that optimise the possibility of educational and occupational success for students from all backgrounds, (b) are supportive of caring teachers who are passionate about their teaching, and (c) develop meaningful and active parent-school partnerships.

"If governments fail to provide adequate resources to support the enrichment of our state secondary schools then social group inequalities in educational and occupational outcomes will continue to grow.

"What we need in Australia is a system of vigorous independent and state schools that offer a genuine choice for all parents. Unless we have such a system the country will be the poorer."

Family and School Capital: Towards a Context Theory of Students' School Outcomes is published by Dordrecht: Kluwer Academic Publishers.

—John Drislane

Where have the gates gone?



The Mitchell Gates as they appeared in 1934.

A GENEROUS donation by the Chancellor, Mr Robert Champion de Crespigny, has enabled work to begin on the restoration of a unique piece of University history.

The Sir William Mitchell Gates have been a feature of the University's North Terrace Campus since 1934. Donated by then Vice-Chancellor Sir William Mitchell, the gates were originally constructed facing onto Frome Road as the start of a boulevard leading to the grand entrance of the Barr Smith Library.

They were moved to their present location

opposite the Uni Footbridge on Victoria Drive in the early 1960s.

The gates are listed on the Australian Heritage Commission's Register of the National Estate.

The gates have now been removed to undergo an intricate and painstaking restoration. This will involve the repair of all metal work, including repainting, repairing the existing plaster columns and granite bases, and restoration of the University crest to its original state.

The work is due to be completed by the end of February 2003.

Free public lectures by new professors

FROM grapes to IQ and everything in between, the second semester series of Inaugural Lectures has a fascinating range of speakers and topics sure to interest and entertain all listeners.

Given by recently appointed Professors to the University, the lectures highlight the breadth and depth of the institution's research capabilities, and also serve as an update of the latest developments in each Professor's area of expertise.

The lectures are free, and held each Thursday in the Council Room (Level 7, Wills Building) beginning at 1.10pm.

The first lecture, given by Professor Alastair MacLennan, will take place on Thursday, August 15. **Please note: due to unforeseen circumstances, the lecture scheduled for Thursday, August 8 by Professor Julie Owens has had to be postponed.**

The full list of lectures is:

Thursday, August 15: "'The Ascent of Woman'—from the tyranny of unwanted pregnancy to the tribulations of longevity" by Professor Alastair MacLennan (Department of Obstetrics and Gynaecology).

Thursday, August 22: "Health Services research and the health of Australians" by Professor Janet Hiller (Department of Public Health).

Thursday, August 29: "Who matters in law, and why?" by Professor Ngaire Naffine (Law School).

Thursday, September 5: "Plant hydraulics: channels in membranes to water movement into grape berries" by Professor Steve Tyerman (Department of Horticulture, Viticulture and Oenology).

Thursday, September 12: "The Somogyi phenomenon. Sacred cow or bull?" by Professor Andrew Somogyi (Department of Clinical and Experimental Pharmacology).

Thursday, September 19: "What has research got to do with dentistry? A periodontist's perspective" by Professor Mark Bertold (Department of Dentistry).

Thursday, September 26: "Smarter not faster; the IQ paradox" by Professor Ted Nettelbeck (Department of Psychology).

Thursday, October 3: "A role of natural history in modern biology" by Professor Roger Seymour (Department of Environmental Biology).

GRADUATIONS

THE CLASS OF 2002

THE UPCOMING August graduations promise to be special for Clinical Nursing lecturer Ms Judy Magarey.

She will become the first person in Australia to receive the higher degree of Doctor of Nursing, at the graduation ceremony on Monday, August 12.

Ms Magarey's award—not to mention several other current DNurs candidates well on the way to similar achievements—reaffirms the University of Adelaide's development as a nursing education and training provider.

A modest Ms Magarey said she hadn't expected to become Australia's first DNurs recipient, and was thrilled and honoured with the achievement.

"There were a few of us who started at a similar time, and for one reason or another I managed to finish first, while the others are finishing off now," she said.

"I certainly hadn't planned on being the first and it's not something I'm going to dwell on, but at the same time I guess it is an honour and something to be proud of."

The DNurs is a professional nursing award that is the equivalent of a PhD, and differs from a traditional PhD in the sense that it is

not entirely research orientated. It has some coursework components, and also makes its students examine the same problem or issue from different angles.

"The attraction to me of doing a DNurs was that it allowed me to do three research studies, rather than using one methodology the whole way through," Ms Magarey said.

"I was able to look at something from three different points of view, which I've found really helps not only with your understanding of the topic but also impacts on the way you teach as well."

In one study for her DNurs, Ms Magarey studied patients who had been placed under sedation in intensive care, and their subsequent memories—if any—of their time there.

Her findings could have major implications for the way intensive care patients are treated and monitored both while they are in intensive care, and after leaving it.

"I found that about 43% of the people I surveyed remembered being in intensive care, and that the main things they remembered included pain, nausea and thirst," she said.

"In addition, about 10% suffered nightmares,

27.5% suffered confusion, which they said was the most distressing thing they remembered, and 16% suffered hallucinations, which they also found highly distressing.

"Another thing that was interesting was going through the patients' medical and nursing notes from their time in intensive care, very few had had their experiences documented. Many patients had undergone some very intense and realistic dreams, nightmares or hallucinations, but it was very hard for the nursing and medical staff to pick these up due to the patient appearing relatively inactive."

The implications of Ms Magarey's research centre around better communication between health care providers and intensive care patients.

"It's important for the nursing and medical staff, if they can, to reassure patients before they go into intensive care that these sometimes unpleasant experiences can happen, and also to reassure them that it is normal and commonplace," she said.

"Follow-up with patients is also vital after they are released from intensive care, to see if they can remember their time in intensive care and to counsel them if it is appropriate."

—Ben Osborne



Judy Magarey will become Australia's first Doctor of Nursing at the August graduation ceremonies.

Mid-year Graduations

MORE than 900 students are expected to take part in the University's three graduation ceremonies in August.

Held in the grand surroundings of Bonython Hall, the ceremonies are traditionally one of the highlights of the academic year.

The first ceremony will be held at 10am on Monday, August 12 for graduates from the Faculty of Engineering, Computer and Mathematical Sciences, and the Faculty of Health Sciences.

The speaker at the first ceremony will be Professor Hock Tan, who is the Inaugural Professor of Paediatrics at the University and Director of the Department of Paediatric Surgery at the Women's and Children's Hospital.

The second ceremony will be held at 9.30am on Tuesday, August 13 for graduates from the Faculty of Humanities and Social Sciences (including the Elder School of Music) and the Faculty of Sciences (including Agricultural and Natural Resource Science).

The speaker at the second ceremony will be Professor James McWha, the new Vice-Chancellor of the University of Adelaide.

The third and last ceremony in August will be held at 2.30pm on Tuesday, August 13 for graduates of the Faculty of the Professions (Law, Economics, Commerce, Architecture, Graduate School of Business and Graduate School of Education).

The speaker will be Professor Tony Travaglione, Dean of the Adelaide Graduate School of Business.

For more information about the August graduations, visit the Graduations Office website at www.adelaide.edu.au/student/graduations/

The next graduations to be held at the University will take place from December 16-20, also at Bonython Hall.

How your graduation helps others



GOWNS and graduations go hand in hand, but looking the part is only one reason why the University's graduation garb is so important.

The gowns, caps and hoods are hired by the Australian Federation of University Women (AFUW), which gives money back to Australian university students in the form of bursaries.

The bursaries provide financial support to students for their studies, and are available to both male and female students in all disciplines.

This year the AFUW-SA Inc. Trust Fund has given away \$65,000 in bursaries to 22 students across the nation. Six of those winners are from the University of Adelaide:

AFUW-SA Inc. Trust Fund Special Grant - \$1200

Patricia Njuki Master of Arts (Population and Human Resources)

Doreen McCarthy Bursary - \$2500
Eric Achankeng—PhD in Geographical and Environmental Studies

Barbara Crase Bursary - \$2500
Alice Bignall—PhD in Politics

Cathy Candler Bursary - \$2500
Alexandra Harvey—PhD in Medical Science

Brenda Nettle Bursary - \$2500
Madelyn Zawitkowski—PhD in Transplantation Immunology

Winifred E Preedy Postgraduate Bursary - \$4000
Dr Asilah Yusof—PhD in Craniofacial Biology and Morphology

For more information about next year's bursaries, contact the University of Adelaide's Graduate Centre on (08) 8303 3044 or visit the University's website: www.adelaide.edu.au

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Space University touches down in Adelaide

IT'S a big year for space studies at the University of Adelaide, with the announcement that Adelaide and the other two South Australian universities will be co-hosting one of the most prestigious space education events in the world.

Adelaide is part of a successful bid for the Summer Session of the International Space University in 2004.

Headquartered in Strasbourg, France, the International Space University is the world's leading space education institution.

Each year the university's nine-week Summer Session program is held in a different part of the world.

Although called the Summer Session, it will be held in our winter (June to August 2004), attracting more than 250 of the world's top space professionals, researchers and academics to Adelaide.

The successful bid for the program was made by the universities of Adelaide, Flinders and UniSA, supported by the Adelaide Convention and Tourism

Authority and the State Government through Australian Major Events.

"We're delighted to be playing a part in boosting the profile of space research in South Australia," said the University of Adelaide spokesman for the event, Dr Gerald Schneider (Sir Ross and Sir Keith Smith lecturer in Aerospace, Department of Mechanical Engineering).

"The University of Adelaide will host the all-important opening and closing ceremonies for the event, and most of the lectures will be held in our lecture theatres.

"Many of the Space University's activities will be right here on our North Terrace campus.

"We will use the opportunity to highlight our own expertise in the field of aerospace engineering, and to build on our relationships with others from around the world in these and other areas," Dr Schneider said.

"The benefits to our staff and students of this event will be immeasurable."

—David Ellis Dr Gerald Schneider at Woomera.



Andy gives thumbs up to space interest

From page 1

"I would also encourage them to think about careers in government, because it will only be when these kinds of people are in public office that they will be able to influence policy. By bringing a fresh new paradigm about what is important to long-term prosperity, and building on their vision, we will be able to turn Australia in a new economic direction, finally breaking from the traditional strategies of the last 20 years that are eroding the economic competitiveness of the country."

He also said it was personally gratifying to know that his own experiences as an astronaut had sparked so much interest in space at a local level.

"More than just gratifying, it has also been very surprising. I sense great excitement in many of the young people when I talk about space flight," he said.

"They will carry that feeling all their lives, and perhaps one day we will see those feelings crystallize into a tangible involvement, by Australia, in some of the exciting space explorations that will be taking place in this century.

"Leaders who have failed to understand the long-term return of these kinds of investments have sentenced their communities to dependency on the strengths of other countries, with a subsequent loss of economic prowess and competitiveness. We have seen this happen in Australia. It is my belief that the new generations of students taking these kinds of studies will be equipped to seize the future opportunities, and thereby reignite the economic strengths of the country."

—David Ellis

New science degrees in 2003



Lasers play a key role in the new Optics and Photonics degree.

From page 1

The degree program consists of core training in the discipline of physics, with emphasis on electromagnetic radiation, optics, fibre-optics, quantum mechanics, solid state physics and lasers.

A strength of the program is the inclusion of tutoring sessions by guest presenters from photonics companies and defence. As with the new Space Science degree, this exposure to industry professionals and academics will enable Optics and Photonics students to form mentoring relationships, providing an insight into varied options for future career paths.

"The Australian photonics industry anticipates that about 25,000 jobs will need to be filled in this area over the next decade," said the coordinator of the new degree,

Dr Murray Hamilton from the Department of Physics & Mathematical Physics.

"Currently Australia has an estimated capacity to produce less than 10% of that number. South Australia is already finding difficulty in obtaining suitably qualified graduates, with job vacancies remaining unfilled," he said.

"This new degree offers exciting opportunities for science students to get involved in a fascinating and rewarding field, and to find lasting employment."

For more information about these and other degrees at the University of Adelaide, visit Information Day on Sunday, August 18, or contact the Student Centre on (08) 8303 5208.

Putting Adelaide on the space map

ADELAIDE has the chance to become one of three world leaders of research and development in the "space environment", according to University of Adelaide scientists.

The World Space Environment Forum was held at the University last month. The forum brought together scientists from all over the world to discuss key space environment issues.

These include the impact "space weather" has on Earth's climate, environment and technology, and how space weather can be forecast.

Space weather includes solar storms and other phenomena, some of which can have a direct impact on the Earth.

The Forum was organised through the University's National Institute of Theoretical Physics, which hosts one of three Centres of Excellence of the World Institute for Space Environment Research (WISER). The Director of WISER is Adelaide's Professor Abraham Chian (Department of Physics & Mathematical Physics).

As a Centre of Excellence, Adelaide physicists have responsibility for coordinating research and training activities in the Asia-Pacific Region.

"The recent Forum and our ongoing work convinces us that Adelaide is primed to lead Australia and the region in further developing expertise in the space environment," said the Director of the National Institute for Theoretical Physics, Professor Tony Thomas.

"With support from governments and industry, there would be many key benefits to the State and the nation from our work," he said.

These benefits include: improving Australia's access to international space programs, encouraging the development of a space industry in Australia, and building on Australia's reputation in hi-tech research and development.

"We are currently involved in work with 20 countries around the world," said Professor Chian.

"Adelaide is also singled out as one of the three world centres of excellence, along with Italy and Brazil, in this area. Now is the time for us to capitalise on that and really put Adelaide on the 'space map'."

—David Ellis



Closer look at musicians behind the music

MUSICIANS ride a roller-coaster of emotions before, during and after their stage appearances. But how much of the self is intertwined with their performances? And how much is identity linked to the emotions experienced in musical performance?

These and other intriguing questions are being explored by a PhD student in the University of Adelaide's Department of Psychology, Ms Gemma Munro, one of the few researchers in the world investigating the social psychology of musical performance.

Ms Munro has interviewed 28 performers—mainly singers—questioning them on such issues as identity, self-fulfilment and performance anxiety.

"Singing is particularly tied up with identity because there's nothing between the performer and the audience," she said.

"Musical performance is seen as a performance of the self. I am taking a close look at the language that performers use when speaking about musical performance, and at how this language constructs their identities as performers.

"I'm also examining how their identities as musicians are influenced by our culture. For example, music is often regarded as an

insecure career choice. Many performers justify their choice of career by saying they have always had an innate passion for music and that that they feel they were born to be musicians."

Ms Munro said performance anxiety is a subject she was interested in exploring further.

"For a performer, there's always a sense of being judged. Many performers will say that they know the performance is not all they are, and will describe themselves as a vehicle for the music. But when a performance is judged badly or goes awry they can have difficulty separating the self from the performance."

Last year, Ms Munro was awarded the Naomi Cumming Postgraduate Musicology prize, an annual award commemorating one of Australia's leading young musicologists, who died from stroke in 1999, aged 38. As part of that prize, Ms Munro presented a public seminar on her research at the University last month in association with the Musicological Society of Australia, SA Chapter.

In April this year, Ms Munro received three scholarships that enabled her to present her research at conferences on music psychology at the Royal College of Music in London and the University of Liege in Belgium.



— John Drislane PhD student Gemma Munro. Photo Ben Osborne.

Mums and babies needed for videotape study

ADELAIDE mothers are being asked to volunteer to be videotaped interacting with their babies as part of a new study at the University of Adelaide looking at mothers' behaviour.

The study aims to improve our understanding of how a mother's life experience affects the quality of the way she bonds with her child. The research may better inform parents about the quality of their interactions with their children in early life.

The study is being conducted by the University's Department of Psychiatry at the Queen Elizabeth Hospital in association with the Department of Psychology.

"This study is looking specifically at how life experience impacts on the mother-child relationship," says Masters student Carrie Kruck, who is supervised by Dr Clara Bookless (Psychiatry) and Dr Jane Blake-Mortimer (Psychology).

"The theory is that in order to have a healthy development, to be able to form relationships in their lives and develop security in themselves, children need to form a strong, positive bond with a significant caretaker. It's believed that the way a caretaker interacts with the infant is one of the things that impacts upon the bond that's formed."



Masters student Carrie Kruck. Photo David Ellis.

Ms Kruck is seeking 60 women from the Adelaide metropolitan area, and their babies (aged 6-24 months), to take part in the study.

The mothers will be asked to fill out a questionnaire, will be given a brief interview, and will be videotaped interacting with their baby. The questionnaire can be filled out at home, while the videotaping and interviews will be conducted at the Queen Elizabeth Hospital.

"This study isn't about looking at mothers and saying 'what are they doing wrong?', it's about trying to understand what are the things that influence good relationships with their kids or what things might make it more difficult for them. It's about how we can better support mothers and learn more about the relationships with their child."

For more information or to join the study, phone Carrie on 8222 6515.

—David Ellis

Infectious diseases and the future

Mutual
Community
Public Health
Lecture



COMMON infectious diseases associated with poor housing, poor nutrition and poor education have largely disappeared from Australian society, but a new threat to public health is emerging: diseases caused by lifestyle factors and age.

In a public lecture for National Science Week, Dr Justin Beilby, Head of General Practice at the University of Adelaide, will address one of the most important questions facing modern Australian society: how should healthcare be delivered in the future?

This talk will examine how the general practitioner in 2002 is adjusting to new management models for people with asthma, diabetes and heart disease at a time when there are little or no new available resources.

A panel discussion featuring medical specialists will follow Dr Beilby's talk.

Where: Florey Lecture Theatre, Medical School North Building, Frome Road

When: 6.30pm, Friday, August 16

Admission is free. For catering purposes please register your interest with Alumni and Community Relations on (08) 8303 5800.

For further details on the lecture contact Robert Perrin, Chair of the Sciences Chapter, on (08) 8303 4965.

The public lecture is a joint presentation of the Sciences Chapter and Florey Medical Chapter of the University of Adelaide's Alumni Association, and is sponsored by Mutual Community.

Dazzling examples of knowledge

A DIVERSE exhibition of artwork—spanning Australian Aboriginal works, paintings from the University of Adelaide's and Barr Smith Library's collections, and images from science—goes on show this month at Urrbrae House.

Called Dazzle, all the works in the exhibition relate to the use of symbols to hold and transfer knowledge and experience.

Curator Anna Willoughby says the idea came from spending eight days and nights camped with several hundred Aboriginal women at a lore gathering in Western Australia. With songs, dances and dreaming images transferred to body, sand, and other objects, Willoughby says it gave her the idea to link Aboriginal and non-Aboriginal cultures and science through visual art.

Images include works from the Kunajarrayi

artists' co-op of Nyirripi, entomologists' work from Applied & Molecular Ecology, and other images from the Centre for Electron Microscopy and MicroStructure Analysis.

Where: Urrbrae House, Waite Campus

When: August 7-18, Wednesdays to Sundays, 11am-4pm

Admission is free



COMING EVENTS

August 2002

FRIDAY, AUGUST 2

1.10pm Elder School of Music Lunch Hour Concert: emerging artists from the Australian National Academy of Music. Sally Cooper (violin), Kristian Winther (violin), Michael Robertson (viola), Minah Choe (cello), Grace Kim (piano) and Professor Frank Wibaut (piano) perform works by Ravel, Kats-Chernin, Milstein/Paganini and Shostakovich. Elder Hall, admission \$4.

MONDAY, AUGUST 5

1pm History Seminar: "Writing William Willshire" by Dr Robert Foster (History) and Dr Amanda Nettelbeck (English). Common Room 420, Level 4, Napier Building.

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

TUESDAY, AUGUST 6

7.30pm Theatre Guild: Shakespeare's Much Adout Nothing. Little Theatre \$20/\$15, 8303 5999.

WEDNESDAY, AUGUST 7

10.10am Electrical & Electronic Engineering Seminar: "Research Activities on Surface Combatant Active Sonar in Australia" by Tim Shaw (Maritime Operations Division, DSTO). Room S112, Engineering South Building.

12.30pm Clinical Nursing seminar: "A descriptive study of patients' satisfaction with wound healing using 'Vacuum Assisted Closure'," by Newton Panicker (CNC Plastic Surgery, RAH). Room 36, Level 3, Eleanor Harrald Building.

1pm Centre for the Molecular Genetics of Development seminar: "A critical role for sonic hedgehog signalling in the early expansion of the developing brain" by Dr Joanne Britto (Western Australian Institute for Medical Research). Room 1.02, Molecular Life Sciences Building.

7.30pm Theatre Guild: Shakespeare's Much Adout Nothing. Little Theatre \$20/\$15, 8303 5999.

THURSDAY, AUGUST 8

12.05pm Psychology Seminar: "Computer game embedded testing: Assessing social behaviour symbolic in a symbolic conflict/cooperation simulation" by Dr Eugene Aidman (DSTO). Departmental Library, Room 526, Hughes Building.

1pm Chemical Pathology Seminar: "To Sleep, Perchance to Breath – Sleep and Breathing Disorders in Children" by Dr Yvonne Pamula (Women's & Children's Hospital). Seminar Room 1, 4th Floor, Reiger Building.

1.10pm Inaugural Lecture: Due to unforeseen circumstances, this lecture has been postponed until next year.

7.30pm Theatre Guild: Shakespeare's Much Adout Nothing. Little Theatre \$20/\$15, 8303 5999.

FRIDAY, AUGUST 9

11am Departments of Social Inquiry and English "Reconciliation, Citizenship and (Auto)biography" seminar: "A comparative analysis of reconciliation and nation-states in Australia Canada, South Africa and New Zealand" by Professor Martine Piquet (Université Paris IX-Dauphine). Seminar room, 3rd Floor, 10 Pulteney Street.

1.10pm Elder School of Music Lunch Hour Concert: William Hennessy (violin) and Lucinda Collins perform works by Weiland and Prokofiev. Elder Hall, admission \$4.

4pm Obstetrics and Gynaecology Seminar:

"Oestrogen: What is the Relevance of Alzheimer's Disease?" by Professor Victor Henderson (University of Southern California). Seminar Room, Level 6, Medical School North.

7.30pm Theatre Guild: Shakespeare's Much Adout Nothing. Little Theatre \$20/\$15, 8303 5999.

MONDAY, AUGUST 12

1pm Colgate Australian Clinical Dental Research Centre Seminar: "Various microscopy technologies in dental research" by Dr Hien Ngo (Research Director). CACDRC Board Room, 2nd Floor, Adelaide Dental Hospital.

1pm History Seminar: "The feminine common welthe': the ladies-in-waiting on Anne of Denmark, queen consort of Jame VI & I: collective biography and an early seventeenth-century female elite" by Dr Helen Payne (Visiting Research Fellow in Department of History). Common Room 420, Level 4, Napier Building.

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

TUESDAY, AUGUST 13

1.10pm Student Workshop: "Developing A Lifestyle That Reduces Stress And Worry". Counselling Centre, ground floor, Horace Lamb Building.

6pm Don Dunstan Foundation and the Academy of Social Sciences "The Price of Prosperity" seminar: Speakers include Professor Sue Richardson (Flinders University), Professor Lois Bryson (Academy of Social Science) and Professor Michael Webber (University of Melbourne). Upstairs at the Stag Hotel, Rundle Street, for bookings and more information phone (08) 8303 3364.

7.30pm Theatre Guild: Shakespeare's Much Adout Nothing. Little Theatre \$20/\$15, 8303 5999.

WEDNESDAY, AUGUST 14

10.10am Electrical & Electronic Engineering Seminar: "Highly Compact, High Performance Parallel Multipliers Based on Threshold Logic" by Peter Cilinski (PhD student, Electrical & Electronic Engineering). Room S112, Engineering South Building.

5.30pm Centre for Biomedical Engineering Seminar: "Mechanoelectric Feedback in the Heart" by Dr David Saint (Physiology). Hone Lecture Theatre, Ground Floor, Medical Building South.

7.30pm Theatre Guild: Shakespeare's Much Adout Nothing. Little Theatre \$20/\$15, 8303 5999.

THURSDAY, AUGUST 15

12.05pm Psychology Seminar: "Risk perception of genetically modified foods- Relationships to information processing strategies" by Dr Carlene Wilson (CSIRO). Departmental Library, Room 526, Hughes Building.

1pm Chemical Pathology Seminar: "Enterprise Bargaining in the Public Sector" by Kate Stephens (Office for the Commissioner for Public Employment). Seminar Room 1, 4th Floor, Reiger Building.

1.10pm Inaugural Lecture: "The Ascent of Woman' – from the tyranny of unwanted pregnancy to the tribulations of longevity" by Professor Alastair MacLennan (Obstetrics and Gynaecology). Council Room, Level 7 Wills Building.

7.30pm Theatre Guild: Shakespeare's Much Adout Nothing. Little Theatre \$20/\$15, 8303 5999.

FRIDAY, AUGUST 16

1.10pm Elder School of Music Lunch Hour Concert: Rosalind Martin (soprano) and Diana Weekes (piano) perform songs by Robert and Clara Schumann. Elder Hall, admission \$4.

4pm Obstetrics and Gynaecology Seminar:

"Sex and the aging motor cortex: Are you ever too old for stimulation" by Dr Julia Pitcher (Physiology). Seminar Room, Level 6, Medical School North.

7.30pm Theatre Guild: Shakespeare's Much Adout Nothing. Little Theatre \$20/\$15, 8303 5999.

SUNDAY, AUGUST 18

11.30am Don Dunstan Foundation Luncheon: "The first 100 days" by Mr Mike Rann (South Australian Premier). Governor Hindmarsh Hotel, Port Road. Tickets \$22 (includes light lunch), for bookings phone (08) 8303 3364.

MONDAY, AUGUST 19

1pm History Seminar: "Unfinished Business: Postcolonial Perspectives on Colonial Lives: Gillian and Angus McLaine in Java and South Australia" by Dr Roger Knight (History). Common Room 420, Level 4, Napier Building.

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

WEDNESDAY, AUGUST 21

12.30pm Clinical Nursing seminar: "Critical "door to needle" time in administration of thrombolytic therapy for acute MI- influenced by the process of procedure and protocol" by Michael Smigielski (CNC, ICU Modbury Hospital). Room 36, Level 3, Eleanor Harrald Building.

THURSDAY, AUGUST 22

12.05pm Psychology Seminar: "Antenatal day care for common conditions of pregnancy-A randomized controlled trial of 395 women" by Dr Deborah Turnbull (General Practice). Departmental Library, Room 526, Hughes Building.

1pm Chemical Pathology Seminar: Departmental Updates from Professor John Hopwood (Enzyme Replacement Therapies), Dr Kim Hemsley, and Enzo Ranieri (Neonatal Screening). Seminar Room 1, 4th Floor, Reiger Building.

1.10pm Inaugural Lecture: "Health services research and the health of Australians" by Professor Janet Hiller (Public Health). Council Room, Level 7 Wills Building.

FRIDAY, AUGUST 23

1.10pm Elder School of Music Lunch Hour Concert: Stefan Ammer (piano) performs works by Schumann and Chopin. Elder Hall, admission \$4.

1.10pm Student Workshop: "Reconnecting Mind and Body: Skills For Study And Life". Counselling Centre, ground floor, Horace Lamb Building.

3pm Departments of Social Inquiry and English "Reconciliation, Citizenship and (Auto)biography" seminar: "Queer citizenship in Tasmania: the impact of the campaign for gay law reform" by Dr Barbara Baird (University of Tasmania). Seminar room, 3rd Floor, 10 Pulteney Street.

4pm Obstetrics and Gynaecology Seminar:

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

MONDAY, AUGUST 26

1pm Colgate Australian Clinical Dental Research Centre Seminar: "Optimisation of the physical properties of glass ionomer cement through varying mixing speeds and storage conditions" by Dr Michelle Fraser (Research Coordinator). CACDRC Board Room, 2nd Floor, Adelaide Dental Hospital.

1pm History Seminar: "Dealing with the Great and Good" by Dr Kerrie Round (History). Common Room 420, Level 4, Napier Building.

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

8pm Classical Association of South Australia meeting: "The Image of the Witch in Antiquity and Beyond" by Dr Marguerite Johnson (University of Newcastle). Council Room, Level 7 Wills Building.

TUESDAY, AUGUST 27

7.30pm Musicological Society of Australia S.A. Chapter AGM: featuring presentation "Colonel Light's Impaired Vision: Musical Life in Colonial Adelaide and its Legacy" by Julia Szuster (MSA SA Chapter president). Room 1107, Level 11, Schultz Building.

THURSDAY, AUGUST 29

12.05pm Psychology Seminar: "Undergraduate and postgraduate training in Psychology: Current lessons from a reading of contemporary philosophy and sociology of science" by Professor Mike Innes (Executive Dean, Humanities and Social Sciences). Departmental Library, Room 526, Hughes Building.

1pm Chemical Pathology Seminar: "Battens Disease: an Update" by Vivienne Muller (Women's & Children's Hospital). Seminar Room 1, 4th Floor, Reiger Building.

1.10pm Inaugural Lecture: "Who matters in law and why?" by Professor Ngaire Naffine (Law School). Council Room, Level 7 Wills Building.

FRIDAY, AUGUST 30

1.10pm Elder School of Music Lunch Hour Concert: emerging artists from the Elder School of Music. Sha Liu (violin), Lauren Turton (viola), Courtney Tainsh (flute), Leigh Harrold (piano), Anthony Hunt (piano) and Michael Ierace (piano) perform works by J.S. Bach, Muczynski, Enesco, Debussy and Ravel.

1.10pm Student Workshop: "Using the Breath". Counselling Centre, ground floor, Horace Lamb Building.

3pm Departments of Social Inquiry and English "Reconciliation, Citizenship and (Auto)biography" seminar: "Personal Narrative in the Time of Human Rights: telling Stories about Sexual Servitude under Japanese Occupation" by Professor Sidonie Smith (University of Michigan). Seminar room, 3rd Floor, 10 Pulteney Street.

Trauma study targets memory loss

THE CAUSE and treatment of memory and concentration problems in people suffering post-traumatic stress disorder (PTSD) is the subject of a new research trial to be conducted by the University of Adelaide.

Difficulty focusing attention and forgetfulness are well-documented symptoms associated with PTSD. The typical memory problems in PTSD patients are in the domain of day-to-day memory that is critical to self organisation. The functions include the ability to remember small things such as to remember where the car keys are and to plan tasks.

Head of the University's Psychiatry Department Professor Sandy McFarlane—an internationally regarded PTSD expert—and PhD student Ms Elizabeth Goble are conducting a study into these memory problems. They are examining the role of one particular chemical, acetylcholine, in functioning of memory in the brain in people suffering from PTSD.

"Acetylcholine is used by a number of areas in the brain to organise memory functions," Ms Goble said. "We suspect that for people with PTSD, the levels of acetylcholine are different to people without PTSD."

"For the first part of the trial, we will try and determine whether this is the case. We can then trial medications which can counteract the imbalance of acetylcholine and therefore counteract the effects of this abnormality."

"While people with PTSD are often most



PhD student Elizabeth Goble. Photo: Ben Osborne.

aware of the distress caused by their recollections of the traumatic event that led to their symptoms, we believe that the problems with day-to-day memory may underpin the severity of their traumatic memories. Improving memory may have the effect of decreasing the entire range of symptoms that people experience. Memory is an important cause of disability and we hope to improve people's ability to function."

Volunteers are now needed for the first stage of this study, which involves both PTSD and non-PTSD people having brain scans to

determine levels of acetylcholine receptors in the brain.

Ms Goble's research has been stimulated by a large body of research that has studied the role of different brain networks in memory disorders such as Alzheimer's Disease.

"Acetylcholine plays a central role in memory function and increasing its availability in the brain has been shown to improve memory," she said.

"For this reason, we believe an investigation of its role in PTSD is likely to be rewarding."

We know that severe stress changes its production and this may have long-term effects.

"Medications that increase the availability of acetylcholine are useful in improving the memory problems in Alzheimer's Disease. While it's still early on in our research with PTSD, we're hopeful that we will achieve some positive results and be able to identify medications that could help with PTSD."

Ms Goble said PTSD was an often-disabling condition which impacted not only on sufferers themselves, but their families and friends—emphasising the need for effective treatment.

"The problems with memory are often some of the most resistant to treatment," she said.

"In the Australian community, nearly 2% of the population currently suffer from the effects of PTSD, indicating the need to address the ongoing distress that traumatic events cause in our lives" she said.

The first stage of Ms Goble's trial will be conducted soon, with people urged to volunteer.

The trial is open to both PTSD and non-PTSD people between the ages of 18 and 65, and involves undergoing a 20-30 minute brain scan to monitor brain receptors for acetylcholine.

If you would like to take part, please contact Elizabeth Goble on (08) 8222 6944, or email elizabeth.goble@adelaide.edu.au

—Ben Osborne

Constitutional convention

AUSTRALIA'S leading constitutional experts will gather in Adelaide this month for a major conference examining the State Constitution.

Hosted by the University of Adelaide, the Constitutional & Parliamentary Reform for South Australia conference is a precursor to the State Constitutional Convention brokered between the Labor Party and Independent MP Peter Lewis, to be held later this year.

The University of Adelaide conference, held on August 17-18, will feature a host of high-profile politicians, legal figures and academics from Australia and overseas speaking on a variety of constitutional topics. Among those speaking will be Attorney-General Mr Michael Atkinson, Mr Lewis, Chief Justice of South Australia John Doyle, and Federal Parliament Speaker Mr Neil Andrew.

Overseas speakers include Professor Hugh Corder and Professor Christina Murray talking on the South African constitutional experience, and New Zealand High Court Justice Ellan France. University of Adelaide academics speaking at the conference include constitutional law expert Dr John Williams, and Politics lecturers Dr Clem Macintyre and Dr Greg McCarthy.

Topics to be covered include the size and function of State Parliament, a bill of rights for South Australia, ministerial responsibility and citizen-initiated referenda.

Conference co-organiser Dr Clem Macintyre said it will be an important forerunner to the State Convention.

"The best constitutional minds in the country will be here, and we expect that the outcomes of this conference will have a major influence on the issues that will be examined at the State Convention," Dr Macintyre said.

Co-organiser Dr John Williams said: "Many of the ideas being proposed by the speakers at our conference relating to the State Constitution and Parliamentary reform are interesting and thought-provoking, and this will provide a stimulus for some engaging debate and discussion."

The Constitutional & Parliamentary Reform for South Australia conference will be held at the Art Gallery Auditorium on August 17 and 18, and has been organised through the Australian Association of Constitutional Law. It is sponsored by the University of Adelaide, Johnson Winter & Slattery (Barristers and Solicitors) and the Attorney-General's Department.

The public is welcome to attend both days of the conference (although registration fees apply): for more information, visit the conference website on: www.arts.adelaide.edu.au/AACLCon/

—Ben Osborne

Libraries turn new page with electronic print

A NEW method of storing academic papers—called E Print—represents the future of scholarly communication, a recent seminar at the University of Adelaide has heard.

Hosted by the University's Barr Smith Library, the seminar papers were presented by two key staff from the Australian National University, Mr Colin Steele, Director of Scholarly Information, and Ms Lorena Kanellopoulos, Electronic Publishing Coordinator, Scholarly Information Services.

E prints are electronic copies of academic research papers. They may be journal articles, conference papers, book chapters or any other form of research output.

At present academic authors largely give their research output to commercial publishers who provide refereed publication. It is then bought back through library journal subscriptions or licensed electronic access.

An 'e print' archive is simply an online repository of these materials in addition to the refereed publication.

The best known international example is for physics and mathematics, mirrored at Adelaide (a Barr Smith Library initiative) at <http://au.arXiv.org/>. The materials may take the form of 'pre-prints' (papers before they have been refereed) or 'post-prints' (after they have been refereed).

E print archives are being established using the internationally accepted open standards of the Open Archives Initiative. Shareware software meeting these specifications was demonstrated at the seminar by Ms Kanellopoulos. As this trend gathers critical mass it would be possible for a number of archives to be harvested and collected together in a searchable database.



Ray Choate, University Librarian (left) with Colin Steele and Lorena Kanellopoulos from ANU.

Mr Steele explained how the creation of such an e print archive extends access freely to a broader community of readers than journal subscriptions or licensed publisher access allow. Such access can only increase the citation and sharing of University research. E print access is also more timely, avoiding publisher bottlenecks, he said.

With these benefits in mind, the Barr Smith Library will be encouraging the E print archive strategy at the University of Adelaide. Interested readers are invited to contact the University Librarian by sending an email to: ray.choate@adelaide.edu.au

COMMENT

OUR MEDICAL WORKFORCE

Our medical workforce: are universities responding to the needs of the nation?

By Dr Elizabeth O'Driscoll

Head of Clinical Education Development
Unit, Queen Elizabeth Hospital

Clinical Studies Advisor, Faculty of Health
Sciences, University of Adelaide

As gatekeepers to the medical profession, there are profound implications for our role as a university in developing students who will form the medical workforce of the future.

A recent survey reported that declarations of ethical commitment are made by graduating medical students at seven of the 12 current Australasian Faculties of Medicine, including the University of Adelaide (Mc Neill & Downton 2002). Whether the oath is the Hippocratic oath, the Geneva Declaration or formulated by students and faculty, all reflect the solemn covenant of Medicine to serve society. Universities too must have a commitment to ensuring that we promote the highest possible standards of care for all Australians.

Acknowledgement of this obligation is gradually leading to a paradigm shift. The selection and training of medical students is moving away from the focus of the university as a "supplier" of education to a model focused instead on the needs and "demands" of society. It follows that the successful university of the 21st century should be asking "what are the needs of our society?" rather than "what are our interests as providers?" Our role is now seen in terms of looking outward to the needs of the health sector, producing graduates who are responsive to societal needs and fully prepared for their future roles.

If the fundamental purpose of medical education is to produce health professionals who can meet societal needs, then it follows that every aspect of our selection and educational process needs to be tailored and accountable to that purpose.

What are the needs of our society and corresponding roles expected of new graduates? Is our institution rising to these challenges?



Firstly, we know that the most pressing needs of Australian society include provision of health care in rural Australia, improving the health of indigenous Australians and developing a health system that can anticipate the needs of our aging population.

Our approach to the rural issue provides one example. Selection of medical students has changed dramatically in Australia in recent years, including greater intakes of students from rural backgrounds. This is based on evidence that students from rural backgrounds are more likely to work in rural areas after graduation. There is also evidence that medical education in rural districts assists recruitment of doctors to rural areas, and this has led to the advent of rural clinical schools and rural clubs. These changes to selection and training are clear evidence of our University's responsiveness to national need, but does our role end there?

Selection, curricular and extra-curricular changes may still not be sufficient to ensure retention of the rural workforce in the long term. Factors such as adequacy of continuing medical education and locum support have a substantial influence, as do non-medical aspects including spouse background, occupation and support, and facilities and

opportunities for families in the rural setting.

Universities need to be more proactive in the postgraduate arena and can derive substantial benefits from following the progress of graduates, being involved in ongoing training and feeding back into undergraduate education those lessons learned from the clinical practice environment. Entwining the two strengthens the position of the university in many areas—politically, financially and morally—and this should be pursued.

The recent "Adelaide to Outback" initiative is an example of the University moving outside the traditional constraints of undergraduate boundaries in medicine and finding an opportunity for cooperation. There are potentially many more.

Secondly, we recognise that it is no longer sufficient for us to produce graduates who have merely completed study of a fixed domain of biomedical knowledge and clinical skills. We know that the future practice of our graduates will be akin to a "trek across rugged ground" where knowledge quickly becomes obsolete and performance will rely more and more on the ability of graduates to recognise their own educational needs and continue with self-directed learning to maintain their competence.

Medical expertise in effective patient care will remain important but by itself will not be sufficient for practice. Society also expects today's doctors to be good communicators, health care team members and collaborators, community health advocates, life-long scholars, ethical and compassionate professionals, as well as wise managers of scarce resources.

These newer expectations of our graduates present challenges for the University to review curricula and develop corresponding new assessment strategies capable of evaluating these objectives.

Previously "difficult to assess" higher order skills of reflective practice, self-regulation of learning and other behavioral and attitudinal objectives are assuming equal importance with traditional knowledge and skills. Accordingly, there is a need to develop and research tools more appropriate to helping undergraduates achieve these professional development objectives.

Because greater emphasis needs to be placed on high-quality assessment, far greater expertise in assessment is needed than in the past. We must acknowledge the pivotal importance of assessment and allocate resources to enhancing assessment quality. This will enable the University to take advantage of opportunities to participate in international assessment consortia, with accompanying educational research and leadership prospects that international cooperation creates.

External stakeholders including government and the community have a particular interest in ensuring the quality of our medical graduates. The unique connection of medical student education to practice is exemplified in recent changes to the Medical Practitioners Act, which will require registration of medical students with the medical board. The assessment objectives and standards put in place by the University must therefore reflect the underlying principle of producing graduates who are fit to practice under supervision in their preregistration intern year. Accountability to the public for the competence of our medical graduates is inherent to our role in medical education. If we are to meet the future medical workforce needs of the nation, nothing less will do.

ASQ has guest player

THE Australian String Quartet is in the process of seeking a new viola player. For its August concert, the ASQ welcomes UK-based Graham Oppenheimer.

Graham studied at the Royal Northern College of Music, Manchester and the Eastman School in the US with Atar Arad. He gave his Wigmore Hall debut in 1989 and since then has played concertos with a number of orchestras including the City of Birmingham Symphony Orchestra and the Jerusalem Symphony Orchestra, and has broadcast in the UK, US, Germany and Italy. Graham is also the founder and Artistic Director of the Leicester International Music Festival.

Australian String Quartet
Homage to Haydn
Adelaide Town Hall August 23, 7pm
Book at BASS 131 246 (service fee applies)
Tickets \$15-\$42

Great graduate returns for concert

VIOLINIST Sally Cooper will return to Adelaide for the opening concert in the Second Semester series of Lunch Hour Concerts in Elder Hall on Friday, August 2, at 1.10 pm.

As one of the youngest students ever to enrol in the single studies program at the Elder Conservatorium, Sally Cooper is recognised as one of Australia's leading young musicians. She has won numerous competitions and scholarships including prizes at the Yehudi Menuhin International Violin Competition and the ABC Young Performers' Awards.

Ms Cooper is currently studying at the National Academy of Music in Melbourne and for this concert she will perform solo and chamber music works with other emerging artists from the Academy. The program features music by Ravel, Kats-Chernin, Milstein/Paganini and Shostakovich.

This is the first in a series of 17 concerts being held in Elder Hall every Friday until November 22. The program features some truly international artists.

Cellist Liwei Qin, a prizewinner at the Tchaikovsky Competition in Moscow, will appear with the Australian String Quartet in a performance of the magnificent quintet by Schubert. The Macquarie Trio featuring Nicholas Milton (violin), Michael Goldschlager (cello) and Kathryn Selby (piano) return to Adelaide for a performance of Haydn and Smetana. Jeffrey Crellin, Principal Oboist with the Melbourne Symphony Orchestra, will give a recital with Lucinda Collins and Keith Crellin, who are respectively Head of Keyboard and Head of Strings at the Elder School of Music.

Several distinguished alumni of the Elder Conservatorium also feature in the new series. Violinist Sophie Rowell will return from Sydney for a recital with Renate Turrini. Ms Rowell leads the Tank Stream Quartet which has just returned from Tokyo after winning the Osaka International Chamber Music Competition. The Serephim Trio, prizewinners at the Second National Chamber Music Competition will perform in the series for the first time. The Trio's violinist,

Helen Ayres, and pianist Anna Goldsworthy are both former students.

There are also a number of very exciting student performances including another concert by the Elder Conservatorium Chamber Orchestra, with student soloists performing concertos by Telemann, Corelli and the double violin concerto by JS Bach. Emerging artists from the Elder School of Music can be heard in recital on August 30 and in competition on November 22.

Admission is \$4 and tickets are available at the door from 12.30pm on the day of each concert. Special subscription passes are also available for the whole or part of the series.

For more information or to obtain a detailed brochure contact the Concert Office on (08) 8303 5925.

The 2002 Elder Hall Lunch Hour Concert Series is proudly supported by the Doris West Bequest and 5UV Radio Adelaide.

—Alison Beare, Elder Hall Concert Manager

Alumni event to draw hundreds from overseas

HUNDREDS of international graduates of Australian universities are preparing to converge in Melbourne next month for one of the biggest events on the alumni calendar: the Australian Universities International Alumni Convention.

The convention, held every two years, offers an opportunity for Australian university alumni from across the globe to network, share experiences, and form new corporate and government connections. It also gives them the chance to renew their connections and links with Australia.

This year's convention is the third, following the inaugural convention in Adelaide in 1998 and Kuching, Malaysia in 2000, both of which were highly successful events.

The theme for 2002 is "Networking in the Knowledge Economy", with corporate, social and education issues on the agenda.

Keynote speakers include Government ministers from Australia and Asia, CEOs of major companies and prominent businesspeople, high profile representatives from government and non-government organisations, as well as leading academics, scientists and educators from around the globe—many of whom are alumni from Australian Universities.

The speakers include Asgari Stephens, CEO of Intelligent Capital Malaysia; Huy Truong, CEO of Wishlist; Dr Tikki Pang, Researcher for the World Health Organisation, and Dr Peter Doherty, Nobel Prize Laureate in Medicine.

According to the latest figures by the agency IDP Education Australia, there are more than 150,000 international students at Australian universities this year.

Australian Universities International Alumni Convention
Melbourne, Australia
September 5-7
www.auiac2002.com

Adelaide at the Convention

The University of Adelaide's new Vice-Chancellor, Professor James McWha, will be chairing a session on Friday, September 6, called "Communities in the Asia Pacific".

Many graduates and staff of the University will be attending the convention to renew their links and build on existing ties.

In conjunction with the Australian Universities International Alumni Convention, the University of Adelaide Alumni Association will be hosting a networking event in Melbourne on Thursday, September 5 at the Melbourne Museum from 4.30pm to 6.00pm.

This event will provide an opportunity for the University's alumni, both internationally and locally, to build new friendships, meet past acquaintances and keep abreast with current events at the University.

All University of Adelaide alumni who will be in Melbourne on that day, especially our Melbourne Alumni, are invited to attend this event.

The Alumni & Community Relations Office is currently compiling a list of alumni residing in Melbourne who wish to participate in an ongoing Melbourne Network. This resulted from alumni expressing interest in maintaining contact with each other in Melbourne and the surrounding region.

If you would like to play a part in this initiative, please register your interest with Ms Joan Soon by phone (08) 8303 3317 or email: joan.soon@adelaide.edu.au

Homecoming

Immediately following the convention will be the inaugural Homecoming program in Adelaide. All international alumni are invited to revisit the city and campus they called home during their study here, and meet with other alumni and University staff during a series of events held over two days (Sunday, September 8 and Monday, September 9).

The program includes a reception at the Adelaide Town Hall, a breakfast on campus hosted by the Vice-Chancellor and a discussion on world firsts and innovation at the University of Adelaide.

Entrance to all events is by invitation only, but expressions of interest are welcome. If you are going to be in Adelaide and would like to participate, please contact Rosslyn Cox as soon as possible on +618 8303 3692 or via email: rosslyn.cox@adelaide.edu.au

Sarawak launch huge success

MORE than 500 alumni and distinguished guests from throughout South East Asia travelled to the province of Sarawak in East Malaysia to support last month's launch of the Alumni Association's fifth international chapter—the Sarawak Alumni of the University of Adelaide (SAUA).

The occasion was as much a celebration as it was an opportunity for guests to learn about the latest developments at the University and how alumni and friends of the University can play a role in its future.

With the Chief Minister of Sarawak, YAB Datuk Patinggi Tan Sri (Dr) Haji Abdul Taib Mahmud, leading the Chapter into its first year as inaugural President, the coming months are sure to bring much activity and a strengthening of bonds with the University of Adelaide.

AGM and Family Picnic

The Sarawak Alumni of the University of Adelaide (SAUA) will be holding its Annual General Meeting on Saturday, August 10 at 4pm. The meeting will be followed by the launch of the new SAUA website and a family picnic-style BBQ. The activities will be hosted by the Chief Minister at his residence in Kuching.

All members of SAUA including their family members are invited to attend.

For further information please contact Mr Rodger Chan, SAUA Secretary, at rodderc@netinc.net.my



A Welcoming Dance performed at the launch of the new Sarawak alumni chapter.



A souvenir exchange at the launch of the Sarawak alumni chapter. YB Dato Sri Haji Adenan Satem hands over a souvenir to Dr Harry Medlin, witnessed by the Deputy Chief Minister YB Tan Sri Alfred Jabu and the Organising Chairman Mr Rodger Chan.



While gathered in Sarawak, some of the international alumni chapters used the opportunity to have a formal meeting. From left: Matthew Thomas Philip, Greg Crafter, Rodger Chan, Harry Medlin and Henry Lau.



More meetings of international friends and colleagues (from left): YB Jacob Sagan, Datuk James Ting, Rodger Chan, Organising Chairman, Hon Greg Crafter, Dr Harry Medlin, Dato Sri Joseph Kong.

ALUMNI NEWS

Reunion Program

The Alumni and Community Relations office is organising the inaugural 30 Year Reunion later this year.

Graduates from 1972 are invited to attend the reunion scheduled for November 23.

Although we have contact details for many of our alumni, there are still graduates for whom we do not have any information. If you know of someone who graduated in 1972 but have not yet received an invitation, please let us know so that they can be invited to participate in this celebration.

The 1952 Golden Jubilee will be celebrated on Friday, October 18. The Alumni and Community Relations office has a 'missing graduates' list for those

readers who may know of a 1952 graduate who has yet to receive an invitation.

For additional information or to provide details about our 'missing graduates' please contact Ms Rebecca McMillen on (08) 8303 5800 or email: rebecca.mcmillen@adelaide.edu.au.

Young Alumni Program

Are you aged between 18-30 years? Do you feel that the current programs offered by the Alumni Association and associated Chapters can be further diversified?

The Alumni Association would like to offer more programs that will appeal to you. A Young Alumni Program has been conceived to facilitate this new initiative. 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

Performance Measurement: Scorecards

A scorecard is like the dials in an airplane cockpit—it gives complex information at a glance. Which dials should you use?

The MBA Alumni Association will present a professional development seminar on using a scorecard approach to measuring performance.

Peter Murchland, Chair of South Australia Business Vision 2010 Scorecard Committee, and David Mazzone, Project

Manager, Scorecard Project, Justice Portfolio, will be the guest speakers.

The seminar will be held on Tuesday, August 20 at 6.00pm in the BankSA Room, Level 5, Adelaide Graduate School of Business, 233 North Terrace, Adelaide.

Tickets at \$10 can be purchased at the door on the evening.

Alumni are invited to network following the seminar over drinks and nibbles. To assist with catering please register your interest with the Alumni and Community Relations office at (08) 8303 5800. Further information can be obtained from Ms Pamela Lee at lee.pamela@agd.sa.gov.au

radio.adelaide.edu.au

August 2002

Radio Adelaide
101.5 FM

Bookmarks
Highlights from Writers Week 2002
Sundays in August, 9am

4 Aug David Malouf, one of Australia's finest writers, opens Writers Week 2002 talking about the reader/writer relationship.

11 Aug Britain's Poet Laureate Andrew Motion with poems from his book *Public Property*.

18 Aug Rachel Seiffert reads excerpts from her first novel *The Dark Room* and discusses how her English/German background has influenced her life & work.

25 Aug Geraldine Brooks, Sebastian Junger, Kim Mahood & Rachel Seiffert share thoughts & experiences on bearing witness through their work.

Live at the Gov
Saturdays 6.30pm

Aug 3 **Warako Musica**
Hotpot of trans-African styles, sensual salsa, solid gold grooves and relentless rhythm from this energetic, dynamic outfit

Aug 10 **James Muller Trio**
ARIA Award-winning virtuoso jazz guitarist and his trio

Aug 17 **Coco's Lunch**
a delicious and filling selection of outstanding and innovative a cappella

Aug 24 **Ed Kuepper**
Prolific independent guitarist, singer & songwriter. Speaks softly but turns up the big feedback

Aug 31 **The Church**
Testament of a legendary Australian group in a state of renaissance

Become a RADIO ADELAIDE SUBSCRIBER in AUGUST - or renew your subscription - and go into the draw for a Wangaratta Festival of Jazz package - a double pass to the Festival in November, festival book & CD - value: \$310
Call us on 8303 5000 for details

World stage for Adelaide music students

STUDENTS and graduates of the Elder School of Music are among those performing at this month's 6th World Symposium on Choral Music in the United States.

The students and graduates are members of one of Australia's leading chamber choirs, the Adelaide Chamber Singers (ACS), which will perform at the World Symposium in Minneapolis from August 7-11. While in the United States the group will also perform in New York.

The 17-member ACS, which has toured Britain and Europe twice, and Singapore in recent years, will be the only Australian choir to participate in the Symposium, which is by invitation only.

The ACS contains eight current students or past graduates of the University of Adelaide, most from the Elder School. The choir was founded and is directed by another University of Adelaide alumnus, Carl Crossin, one of Australia's best-known choral conductors and a lecturer at the Elder School of Music.

The ACS will join more than 20 leading choirs from around the world to showcase their skills and their country's music and culture during the Symposium's formal evening concerts, lunchtime events and workshops.

In preparation for their US appearances, the ACS gave a Bon Voyage Concert in Adelaide late last month. The concert included the group's Minneapolis and New York program featuring music by Maclean, Leek, Crossin and an entirely new work by English composer Roderick Williams.

"The World Symposium on Choral Music is one of the most prestigious events a choir can attend. Our invitation is the result of our highly successful tour to Singapore in 2001 and participation in the first Asia Pacific Symposium on Choral Music," said Mr Crossin.

Adelaide Chamber Singers has toured in the UK, Norway and South-East Asia in recent years. The choir has given highly acclaimed performances at the Norwich and Norfolk Festival (1999); the 10th Annual National Convention of the Association of British Choral Directors (1996); 'live' performances for BBC Radio 3; and concerts in Oslo, London, Cambridge, Oxford, and several regional centres in England and Norway.



Members of the Adelaide Chamber Singers.

The ACS has released three CDs, performed at Australia's leading festivals and given frequent national broadcasts on ABC Classic FM.

The group's repertoire is varied and wide-ranging and includes classics of the chamber choir repertoire as well as an increasing

amount of newly commissioned Australian choral music works.

The Choir's Bon Voyage Concert was the first of three concerts in the Adelaide Chamber Singers 2002 Subscription Series. The second and third concerts will be held in October and December.



NEWSMAKERS

International concern about hormone replacement therapy focused media attention on HRT trials in Australia. Among those interviewed was one of the chief investigators of the Australian trials, Professor **Alastair MacLennan**, on 891 ABC (July 19).

Receiving worldwide coverage for her paper on GM crops in *Science* was **Dr Mary Rieger**, who spoke to the *Wall Street Journal*, *Daily Telegraph* (UK), *Japan Times*, *National Post* (Canada), *Le Figaro* (France) and *Folha de S. Paulo* (Brazil).

Animal scientist **Professor Phil Hynd** told *The Advertiser* (July 8) about the development of an all natural alternative to the process of mulesing sheep to prevent blowfly strike.

ABC TV's *Stateline* program (July 12) featured two University of Adelaide academics: **Professor Maciej Henneberg** speaking about the changing body shapes of Australians, and **Dr Paul Babie** on the government's use of Crown leases as a way of retaining control of Crown land.

Dr Arthur Saniotis was interviewed by *The Australian* (July 22), 891 ABC (July 11) and 5UV Radio Adelaide (July 11) about his timely community course program on Western perceptions of Islam.

Professor Edwina Cornish told *The Advertiser* (July 17) that, on a research level, South Australian universities collaborate and work together better than anyone in the country.

Leanne Redman made local and national TV with her story on the relationship between the menstrual cycle and losing weight, with coverage on Seven News (July 1) and Channel 9's *Today* show (July 4), as well as the *Cordeaux Show* on 5DN (July 4) and ABC 891 radio news (July 5).

Much to rave about

A RAVE warehouse is the unlikely contemporary setting for the University of Adelaide Theatre Guild's latest production, of Shakespeare's much-loved comedy *Much Ado About Nothing*.

Director Martin Laud—who has received acclaim for his direction of *Hamlet* in 2001—has assembled a youthful and energetic cast for the production, and promises that it will reflect a zest and vibrancy not often associated with Shakespeare by young people.

"This is not the Shakespeare of a gently flowing stream or brook, meandering serenely through a lush green valley," he said.

"This is Shakespeare of the rapids: tumbling, fast-paced, and vibrant—so bring a kayak!"

In *Much Ado About Nothing*, sexual rivals Benedick (played by Dominic Pedlar) and Beatrice (Wendy Bos) find themselves in the rave warehouse Club Messina, owned by Leonato (Peter Ferriss). They are determined not to fall in love with anyone—least of all each other.

Meanwhile, their friends Claudio (Simon Davey) and Hero (Zo Poppyjon) are out to prove love can happen at first sight—but the evening takes an unexpected turn for everyone after the devilish Don John (Scott Harrison) gets involved.

Mr Laud, himself a graduate of the University of Adelaide's B.Ed Drama/BA Ed. Theatre course, says the story of *Much Ado About Nothing* carries the play.

Getting up close and personal for the Theatre Guild's production of *Much Ado About Nothing* are cast members Zo Poppyjon and Simon Davey.



"Good drama is great storytelling, and Shakespeare was a great storyteller," he said. "When the matchmaking starts, that's when the story really begins to get interesting, as it documents these feisty relationships as well as jealousy and stealth.

"It's a lot of fun to direct and I'm sure the audience will have a lot of fun too."

Much Ado About Nothing is at the Little Theatre (located at the Cloisters on the grounds of the University) and runs from 7.30pm on selected dates from Saturday August 3 until Saturday, August 17. Tickets are \$20 or \$15 concession, and are available by phoning the Theatre Guild on (08) 8303 5999 or BASS on 131 246.