

Olympic pride burns brightly

WHEN the Olympic cauldron rose high above Stadium Australia and burned publicly for the first time, most Australians felt a surge of pride.

But few felt it as keenly as a group of engineers watching the event on television at a suburban Adelaide house.

The engineers were members of Adelaide University's Turbulence Energy and Combustion group and its industry partner, Fuel and Combustion Technology (FCT), developers of the main stadium burner. The same team also developed the fuel and combustion system for the Olympic Relay torch and for the ceremonial Community Cauldron for the Games.

Adelaide University's joint team leaders for the design of the stadium flame were Dr Gus Nathan and Dr Richard Kelso from the Department of Mechanical Engineering. Dr Nathan said the lighting of the cauldron marked the climax of more than a year's work on the project.

"We're very satisfied with the final performance," he said. "The project has been very exciting for all of us, both because of the international attention associated with it and the technical challenges involved."

The Adelaide-based team was selected by SOCOG (from a national tender process) for its expertise in combustion, aerodynamics and the environment. SOCOG required a specific flame shape for the cauldron, so a key consideration was the aerodynamics associated with the stadium.

"Our team specialises in the application of



Members of the Olympic cauldron flame team working on a one-tenth model of the cauldron under tight security at the Thebarton campus last year. Photo: Richard Kelso.

cost-effective modelling techniques to predict performance and develop designs with confidence," Dr Nathan said.

Wind tunnel testing of air flow over Stadium Australia was conducted first to assess the range of wind conditions to which the burner would be subjected. The aerodynamics associated with the shape of the cauldron was then assessed in the Department's water tunnel. A one-tenth model of the cauldron was then built and tested under tight security at the University's Thebarton campus. The flame

was tested for its luminosity, shape, smoke emissions and stability at wind speeds of up to 100kph. FCT participated in the development and undertook the detailed design of the gas valve train and manufactured the hardware.

"Our close involvement with industry means that our team is used to maintaining confidentiality," Dr Nathan said. "We have a strong culture of openness and cooperation within the team but maintain strict confidentiality outside it."

—John Drislane

Accolade for torch team

ADELAIDE'S Olympic torch team has won an award for engineering excellence.

Researchers from Adelaide University's Departments of Mechanical Engineering and Chemical Engineering and industrial partner Fuel and Combustion Technology have been honoured for their work in developing the torch's flame technology.

At the annual South Australian Engineering Excellence Awards at Adelaide Convention Centre they were named winners of the Innovation category.

In another honour for the University, torch team member Jordan Parharn won a commendation for the SA Division of the Young Professional Engineer of the Year Award.

In making the award to the torch team, the judges said:

"The novel ceremonial torch for the 2000 Olympic Games is clearly visible to the public as a symbol of excellence and it is contributing to the ethos of the Games and of the country. The significant innovative advances on previous designs provides much greater flame stability and it appears that this is the first Olympic torch for which environmental conditions for operation were established, agreed before design, and demonstrated to be achieved.

"The jury was impressed by the combination of principles, by the simplicity of the design and by the integration of the many contributors."

Several Adelaide University graduates were also honoured on the night for their work with private companies. They included Ian Bateman (Rib Loc Australia), Meredith Hue (Hue Technologies) and Ron Ely (Connell Wagner).

Jaw pain relief: a click away?

VIRTUAL technology is the latest weapon to be used in the fight against a painful jaw condition which affects millions of people worldwide.

The reasons for painful or clicking jaw joints still remain obscure. The Adelaide University-based Australian Jaw Joint Project (AJJP) has invited a Canadian academic, whose discipline is neuro-muscular physiology, to contribute to the exploration of the condition.

The AJJP was set up in late 1998 by co-convenors David Wilson, Grant Townsend and scientific director Ole Wiebkin. It is a consortium of more than 30 clinicians, educators, basic researchers and commercial interests from around the world linking together in a bid to fully understand why clicking jaw problems, such as arthritis and painful clicking, occur.

The consortium has received \$50,000 seeding funds from the competitive Special Medical Research Initiative of the Faculty of Health Sciences.



Adelaide University graduate Professor Alan Hannam from the University of British Columbia.

In addition to its many normal functions, in October the AJJP will host a month of specialist activities including seminars and a public lecture exploring provocative updates on jaw joint research.

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Strong links celebrated as Adelaide welcomes Oxford VC

THE University of Oxford Vice-Chancellor Dr Colin Lucas was guest of honour at a reception in Adelaide University hosted by the South Australian branch of the Oxford Society.

Dr Lucas was in Adelaide as part of a tour of Australia's leading universities. During his two-day visit, he toured the North Terrace, Waite and Thebarton campuses, met Faculty deans and other staff and delivered a public lecture on the role and purpose of universities.

More than 100 people, including many old Oxonians, attended the reception in his honour.

Vice-Chancellor Professor Mary O'Kane said Adelaide was pleased with the long-standing links between the two universities.

Since 1904 Adelaide has sent 90 students to Oxford on Rhodes Scholarships. They have included such distinguished names as Nobel Prize winner Howard Florey, who went on to be Professor of Pathology at Oxford; and the current Chief Justice of South Australia, John Doyle.

Professor O'Kane said Adelaide University could also count many Oxford graduates among its staff. Oxford, likewise, had several Adelaide graduates on its staff, including Law professor, John Finnis.

Dr Lucas is a distinguished historian and a specialist in



Adelaide University Vice-Chancellor Professor Mary O'Kane with the University of Oxford Vice-Chancellor Dr Colin Lucas at the reception. Photo: Ben Osborne.

the history of 18th century France, principally the French Revolution.

From 1990 to 1994 he was Professor of History and Dean of the Division of the Social Sciences at the University of Chicago. He became Master of Balliol College in 1994 and has been Vice-Chancellor of the University of Oxford since 1997. He holds an honorary doctorate from the University of Lyon-11 in France and is an honorary fellow of Lincoln College, Oxford.

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COMMENTARY

THE TEAM BEHIND THE OLYMPIC FLAMES

by Dr Gus Nathan
Mechanical Engineering

In the aftermath of the Olympic torch relay, it is perhaps the words of Kelly Nestor, who interviewed our team for the ABC StateLine program last week, which best capture our feelings when she reflected that we had “given the community a gift”.

Such thoughts did not enter our heads when our team was first approached in late 1997 to submit a proposal to design the fuel and combustion system for the relay torch for the Sydney 2000 Olympic Games. At that stage we were attracted by the technical challenge and by the “once in a lifetime” opportunity. We did not anticipate that it would attract such wide media attention, involve speaking to more than 50 schools and community groups, or allow us to provide displays for Scienceworks Museum, the Investigator Centre and the ARC. Nor did we anticipate being awarded the contracts to design the fuel and combustion systems for the community cauldron used in the relay, and also for the main cauldron which sits atop Stadium Australia. The process of competitive tender means that these designs are usually awarded to different organisations.

The Turbulence Energy and Combustion (TEC) group at Adelaide University has a long history of collaboration with Fuel and Combustion Technology Pty Ltd (FCT). Together we have developed and commercialised the Gyro-Therm technology which can reduce NOx emissions from many gas-fired industrial combustion systems by 30-60% while also increasing fuel efficiency. Our track record of bringing new, environmentally friendly technology to the market through our complementary expertise was pivotal in our successful tenders. Also important was the application of cost-effective modelling techniques which can be used to predict performance and develop designs with

confidence. Many of these modelling techniques were pioneered by Dr Peter Mullinger, joint founder of FCT and now a leading member of the TEC group.

Perhaps one of the most important aspects of both projects, and certainly one of the most enjoyable, was the strong team spirit. From the outset we tried to make the projects inclusive. All twenty or so members of the TEC group were given the opportunity to participate in the torch design in some way. We sought both to capture the best of each member’s ideas and to create effective organisation by adopting a team-based structure. Each team addressed specific aspects of the design, such as aerodynamics, selection of the fuel and flame testing. We valued the spirit of openness and co-operation sufficiently to entrust each person in the team with confidential information, such as knowledge of the shape of the torch, while also stressing the importance of absolute confidentiality. The trust proved to be well founded.

The magnitude of the technical challenges is well illustrated by the fact that no torch has even approached the mythical status of the flame that “never goes out” - although our team’s design did reduce flame-outs by an order of magnitude over previous designs. However the Sydney contract imposed the additional challenge of making the torch both the greenest and safest yet.

A major challenge for the stadium flame was to make the flame stand upright in the wind - something no previous design had required. This was achieved using wind tunnel and water tunnel modelling techniques, followed by 1/10 scale model testing of the burning cauldron. Working directly with the artistic designer, Michael Scott-Mitchell, we were able to develop a cauldron design that simultaneously satisfied both engineering and artistic requirements.

The combination of a strong team spirit and the



The Hon John Olsen presents Dr Gus Nathan with the Merit Award for Engineering Excellence (Innovation) with Dr Keith King (3rd from left), Dr Richard Kelso (far right), Dr Peter Lanspeary (2nd, right) and Professor Sam Luxton (3rd from right) at the IEAust Engineering Excellence Awards ceremony. Photo: Kimberley Clayfield.

significant technical challenges contributed both to the adrenaline rush associated with the generation of new ideas and to individuals contributing far beyond the call of duty. Few of us will forget when Dr Richard Kelso, whose boundless energy and creative flare (!) contributed immeasurably to both projects, made a breakthrough in the development of the patented combustor used in the torch design after a 3:00am session in the water tunnel. Likewise Steven Hill, Jordan Parham and Graham Kelly contributed countless hours to the patient and systematic testing of more than 100 combustor configurations. The frustration of repeatedly seeing success within their grasp only to find it slipping away again resulted in a rumour that the combustor would only work when Jordan was wearing odd-coloured socks!

Our society does not often honour its members,

“All twenty or so members of the TEC group were given the opportunity to participate in the torch design in some way.”

and to have participated in an event which honoured 11,000 citizens throughout Australia, each of whom contributed positively to our nation in their own way, is indeed a privilege. Who knows, perhaps history will mark the relay as being of equal significance to our society as the Games itself.

For more information see:
<www.tec.adelaide.edu.au>, and
<www.fctinternational.com>.



Torch Exhibition

THE Investigator Science and Technology Centre is hosting an exhibition on the science behind the Olympic relay torch.

The display includes prototypes, photos and video footage of the fuel and combustion technology used in the torch and community cauldron.

Some of the key people involved in the project will present talks about the work. They include Mr Peter Retallack, Project Manager, who will speak on Friday 22 September; Dr Gus Nathan, Joint Team Leader, (Tuesday 26 September); A/Professor Keith King, Leader, Fuels Team (Thursday 28 September); and Mr Con Mania, Chief Executive Officer, FCT (Friday 29 September). All talks are at 12.30pm.

The South Australian Museum is also hosting an Olympic torch display which runs until Sunday 1 October.

Jaw pain relief: a click away?

From Page 1

The highlight during the month will be the contribution from Professor Alan Hannam from the University of British Columbia in Canada.

Professor Hannam obtained his undergraduate dentistry degree in Adelaide in the 1960s, and has subsequently built an impressive worldwide reputation for his work in understanding mechanisms of jaw joint movement, with current emphasis on the use of the virtual environment.

He will attend a number of the AJJP's October meetings, as well as giving a free public

lecture on Monday, October 16 titled The Masticatory System and the Virtual Environment. The lecture will be held at 6.30pm in the Florey Lecture Theatre, and will cover biomedical imaging, computer simulation and bioengineering in respect of the jaw joint.

Professor Hannam will be in Adelaide through the aegis of a Faculty of Health Sciences Senior Visiting Research Fellowship, and funding from the Colgate Australian Clinical Dental Research Centre, together with other support from the South Australian Branch of the Australian Dental Association.

—Ben Osborne

Adelaidean

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Editor
David Ellis

Layout
Julie Ryke

Printed by
Cadillac Color

Writers
Ben Osborne
Rob Morrison
John Drislane

Contributors
Kay Thompson
Marijke de Weerd

Deadline for next issue is 28 September

Room G07 Mitchell Building, South Australia, 5005.
Tel (08) 8303 5174; Fax (08) 8303 4838; Email: julie.ryke@adelaide.edu.au
<http://www.adelaide.edu.au/Adelaidean/home.html>
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LETTERS

TO THE EDITOR

Nuclear Waste



Dr Matthews (*Adelaidean*, 11/9/2000) has questioned a number of points in the "Expert Panel" feature on Nuclear Waste in SA (14/9/2000) put together by Rob Morrison from a questionnaire sent to G S Laurence, J R Prescott and myself. While individual readers may disagree with our comments, we each have close to 40 years of careful research work in the field of radiation, and although not surprised, I was pleased to note the measure of agreement our responses showed.

Let me add, as requested, some information about the "flood" in the Physics Radioactive Store on July 20. A burst pipe leaked clean water down the wall of one room in the store, across a clean stainless steel bench and formed a pool on the floor. No sources were wet and no escape of radioactivity occurred. This was not classified as a radiation incident. Five buckets of water were

disposed of in a drain, as allowed by the NHMRC Code of Practice and the Radiation Protection and Control Act. In my Report, I recommended closure of our store to avoid a repeat.

In the Channel 7 Forum I said that such floods (and fires) pose a hazard to our Emergency Service people. It is desirable therefore that storage of radioactive materials in the University and other similar places should be minimised by proper disposal in a repository when no longer needed.

The ABC Media Watch (11/9/2000) has shown the Ivy Campaign being run by Channel 7 is a "beat-up" for its own publicity purposes. Also, I have written to Senator Minchin's office to suggest that, in view of the proposed SA Parliament legislation, the long-lived intermediate level waste repository should properly be located in NSW and suggested the Barrier Range area.

John Patterson
Dept of Physics & Mathematical Physics

Thank you

A debriefing session by the University's Open Day organising committee heard that this year's event attracted between 10,000 and 12,000 people—the highest ever attendance.

Vice-Chancellor Professor Mary O'Kane attributed the success to the commitment and dedication of individuals.

"With the organising committee's work now concluded for this year, it's an appropriate time for me publicly to thank all of the many students and staff who worked so hard to ensure that this important occasion was so successful," she said.

"Student involvement on the Barr Smith Lawns and in the Faculties was a significant factor in the promotion of the activities of the University and student life.

"I am very grateful also to the various Faculty, security and maintenance staff who were involved in preparing for the event and/or worked on the day and helped to make it such a great success."

University signs IT deal with HP

ADELAIDE University has selected Hewlett-Packard Australia as its technology partner for desktop computer procurement.

Over the next three years, the strategic alliance will see Hewlett-Packard Australia provide the University's IT infrastructure, including a range of e-services and software solutions.

Under the agreement, the University will lease rather than purchase computers and printers from Hewlett-Packard, ensuring a more cost-effective replacement of desktop technology. Centari Systems will be the equipment reseller. The agreement will also enable students and staff to lease computers for home use at discount rates.

In addition, Adelaide University will join the Hewlett Packard Garage program, a global e-scholarship program offering \$2.5 million in products and services to 10 winners.

The University's Executive Director of Student and Staff Services, Mr Ian Creagh, signed a Memorandum of Understanding in Melbourne with Hewlett-Packard President and Chief Executive Ms Carly Fiorina.

The Director of Strategic IT Initiatives, Mr



Hewlett-Packard President and Chief Executive Ms Carly Fiorina signing the Memorandum of Understanding with Mr Ian Creagh, Executive Director, Student & Staff Services.

Peter Nissen, said the agreement would help to standardise the University's desktop IT and reduce support costs significantly. He said it also offered opportunities for strategic business arrangements between the University and Hewlett-Packard.

Forensic experts to join forces

AN INNOVATIVE development between Adelaide University and the State Forensic Science Centre (FSC) looks set to bring substantial benefits to the State's legal system.

FSC director Dr Hilton Kobus approached the University recently with a view to establishing closer working relationships with the numerous University departments which specialise in many areas fundamental to the application of forensic science.

Following Dr Kobus' approach, Associate Professor Bob Moles from the School of Law and Professor Maciej Henneberg from the Department of Anatomical Sciences have taken on the task of identifying all relevant individual and departmental expertise.

The State's criminal lawyer fraternity has also taken an interest, with Sam Abbott representing a team of lawyers who are exploring the possibilities in working with both the University and the FSC on various aspects of the project.

Dr Moles said the FSC often needs access to specialist expertise, but there are not enough cases to warrant full-time employment of a specialist in particular areas.

"The forensic centre may have a request from a legal practitioner or from police for some particular forensic work to be done," Dr Moles said. "If the forensic centre hasn't got the resources or the expertise in that particular field, then Adelaide University has a huge pool of expertise in many different areas to draw upon.

"We are in the process now of determining just which people at the University could be involved in such a partnership, and would love to hear from anyone who thinks they have expertise which could be of use."

Dr Kobus said he was looking forward to the FSC working closely with Adelaide University.

"We have had a good working relationship with the University in the past, and this will only strengthen it," he said. "There are many



Major players in developing a closer working relationship between Adelaide University, the Forensic Science Centre and the State's criminal lawyer fraternity are (from left) lawyer Sam Abbott, Associate Professor Bob Moles, FSC assistant director operations Bob Lokan, Professor Maciej Henneberg, and FSC director Hilton Kobus. Photo: Ben Osborne

people at the University who are outstanding in their field of research and we are looking forward to working with them."

Areas of research which the FSC is keen to explore at Adelaide University are Law, Medicine, Genetics and Microbiology, Computer Science, Physics and Chemistry, Engineering, Anatomy, Odontology, Pharmacology, Psychology, Entomology, Geology, Botany, Meteorology, Microscopy and Photography.

Any Adelaide University staff member who would like to know more about the project, or who would like to offer their services, should contact either Dr Moles or Professor Henneberg.

—Ben Osborne

E-team follows the waste trail

RECYCLING at Adelaide University came under the microscope when six Seaford 6-12 School students spent a week studying how efficiently the University manages its waste.

The students were at the University as part of the E-Team program for high schools. E-Team members use quality management principles to analyse a particular section of their host business's work and then make recommendations on what improvements might be introduced.

The Seaford students concluded that the University's current system for recycling organic waste products (such as water, lawn clippings and leaves) was quite efficient, but that a lack of awareness surrounded the University's internal and office recycling processes.

Students suggested this could be addressed in a number of ways. One novel idea was to develop a screensaver promoting recycling. This could be used at workstations throughout the University and serve as a constant reminder to the operator and people passing by.

—Ben Osborne



Pictured with University facilitator Joan Zilm (third from right) are students (from left) Hazel Lungershausen, Jessica Atkinson, Lauren Clark, Lauren Steele, Hayley Pluck and Jennifer Veale.



Stirring the cauldron of higher education

The Olympic cauldron—and our University's outstanding work on it—is not the only cauldron that's been occupying my thoughts recently.

Oxford University Vice-Chancellor Dr Colin Lucas stirred the bubbling cauldron of higher education when he delivered an excellent public lecture on *What are universities good for?* during his visit to Adelaide.

It was a delight to welcome Dr Lucas on his first visit here. Our University's relationship with Oxford has been a long and fruitful one, founded on a continuing flow of Rhodes Scholars from Adelaide, the appointment of Oxford graduates to our staff (and vice versa) and the increasing research collaboration between the two institutions.

Dr Lucas's lecture was a well-argued, robust defence of universities and a ringing call for greater government and industry support.

As a distinguished historian, Dr Lucas brought an interesting historical perspective to the debate. He dismissed the notion that there was ever a "golden age" when universities were stable, unchanging institutions and argued that perceptions of their role and function had changed constantly throughout history. The current model of the university as a research-intensive institution driving economic growth had originated during the Cold War, he said.

Dr Lucas made it clear he believed he was not qualified to comment on tertiary institutions in Australia. But what struck me—and most other listeners, no doubt—was how relevant to Australia were his comments on British universities. Oxford and the other UK universities are facing most of the same issues confronting us here in Australia—dwindling government funding, the need to form strategic partnerships with industry and others, the challenge of globalisation, the need to capitalise on research innovation, and so on.

Many points resonated with his Australian audience. He said "the less the government funds us, the more it regulates us". Governments could not expect to enjoy the spill-over benefits provided by universities without paying for them, he argued. And he maintained it was unrealistic to expect universities to become totally self-sustaining. He also said he had been "forced to the conclusion" that deregulation of universities in the UK was necessary ultimately.

Dr Lucas set the tone for his lecture by saying that while public policy in the UK recognised the central, essential importance of universities in the creation of the knowledge economy, public policy was by no means clear as to how to implement it.

"Above all it is caught—often unconsciously—between a sense of higher education as a public good and of it as a private good, and these tensions and uncertainties are particularly evident of course in the question of the funding of higher education: should government fund higher education and, if so, to what extent; what should government expect to get in exchange for funding; what should be the relationship of the university to its society in the new economy and how is that best mediated?

"...The problem that has to be managed here is how do you retain the public investment in universities, which is not simply a financial necessity, though it's certainly that, but it is a public obligation. Because of the spill-over effect of what we do, society ought to pay for that..."

"Universities are about much more than just the economy. That is a short term preoccupation. Universities are about the inquiry into the very nature of things."

He finished: "We as academics must assume our necessary function of determining what knowledge is, always aware that we are flawed creators of knowledge. It doesn't rule out, of course, the essential importance of economic actors, but we are not vessels which can bear the weight that is currently being put upon us, and putting that weight upon us does seem to me to be very dangerous—not just to us but to what we represent in a society."

MARY O'KANE

Florey lecture on human organ transplantation

THE often complex and difficult ethical considerations of human organ transplantation will be the subject of this year's Florey Lecture at the Florey Lecture Theatre on Wednesday, 4 October at 5.30pm.

The lecture will be given by US-based transplantation surgeon, Dr David McGiffin, who is regarded as one of the world's leading authorities on transplantation issues.

Dr McGiffin was born and educated in Australia but has spent much of his working life in the United States. He is currently Professor of Surgery,

Attending Cardiac Surgeon and Director of Lung Transplantation at the University of Alabama at Birmingham, Alabama.

He received his undergraduate degree from the University of Queensland in 1975 and, after doing postgraduate study between 1976 and 1985, was the Staff Cardiac Surgeon and Surgical Director of Cardiac Transplantation at the Prince Charles Hospital in Brisbane between 1986 and 1993. Since 1993 he has been based at the University of Alabama.

The Florey Lecture is sponsored by the Florey Research Fund.



—Ben Osborne Dr David McGiffin

A flag for change

ADELAIDE University played its part in SA Aboriginal Youth Health & Education Cultural Week.

Wilton Yerlo hosted an Official Flag Raising Ceremony at the start of the week, which had the theme "Make a Change for Aboriginal Survival".

The ceremony, held in Pfizner Court, attracted many students, staff and guests who enjoyed the entertainment and sunshine. It was organised by the SA Aboriginal Youth Cultural Week Reference Group in collaboration with Wilton Yerlo.

Guest speaker Maurice Karpany, the NAIDOC SA Aboriginal and Torres Strait Islander Youth of the Year, strongly urged

those present to choose a path for change.

The highlight of the event was the raising of the flags by Maurice Karpany and Lewis O'Brien, a Kurna elder. Mr O'Brien had earlier given an official Kurna welcome to start the day.

Anthony Pak Poy coordinated entertainment for the event with The Centre of Aboriginal Studies in Music (CASM) choir Keriba Wakai, led by Mr Eddie Peters, performing traditional Pitjantjatjara and Torres Strait Islander songs.

Russell Ellis, a current CASM student, also performed several songs, including one of his own. Master of ceremonies for the day was Jonathon Newchurch.



Maurice Karpany (left) and Lewis O'Brien at the ceremony. Photo by David Hart.

Visitor helps Clinical Nursing

PROFESSOR Alison Tierney was a distinguished recent visitor to the University's Department of Clinical Nursing.

Professor Tierney holds a personal chair in nursing at the University of Edinburgh and is Head of the Nursing Studies Department.

During her visit she presented two public lectures, Managing Research in an Academic Department of Nursing and Evaluating Outcomes of Nursing - Why is it so Difficult. Both lectures were very well attended by nurses from most of the hospitals in Adelaide and from all three South Australian universities.

In a two week stay Professor Tierney met senior nurses in the hospital, supervised research students and contributed to strategic planning in the Department of Clinical Nursing.

Professor Tierney was impressed by the clinical focus of the Department's research and teaching and the successful collaboration between the Department and Royal Adelaide Hospital.

BresaGen: \$4.8m grant

ADELAIDE biotechnology company BresaGen Ltd has been offered a \$4.8 million Commonwealth Government R & D START Grant to strengthen and accelerate its Cell Therapy Research Programme.

The research is being conducted at Adelaide University's Department of Molecular Biosciences under the scientific direction of Professor Peter Rathjen.

The General Manager of BresaGen's Cell Reprogramming Division, Dr Paul Tolstoshev, said the grant would almost double the resources available to the company's Cell Therapy Program.

"The major goal of the programme is to develop novel stem cell-based cell therapies for a number of important human diseases for which there are currently no satisfactory treatments," he said. "Initial disease targets of the programme are Parkinson's Disease and bone marrow disorders".

The R & D START Grant is a Commonwealth Government initiative aimed at supporting research and development activities with high commercial potential, and matches funding already being provided by the company.

Advertisement

Walford

To commemorate Walford's centenary in 1993 the school initiated a public lecture known as the

Annual Walford Lecture

You are cordially invited to attend the 2000 lecture

"What's in a Name?"

presented by Dr Tom Burton, Reader in English (Adelaide University), author and broadcaster

and chaired by Mrs Marilyn Haysom, Headmistress

Tuesday 10 October 2000 at 8.00pm

in the Helen Reid Hall at Walford Anglican School for Girls 316 Unley Road, Hyde Park.

Please telephone the School on 8373 4062 for reservations.

Free Admission

Excellence in Education

My life with the Science Circus

Marijke de Weerd from Adelaide is undertaking a Graduate Diploma in Science Communication at the Australian National University. It is the only course of its kind in the world. Marijke recently spent a week with the Media Marketing and Publications Unit and wrote this article about the course.

Running away to join a circus sounds like an odd idea for a scientist, but this year five science graduates from Adelaide University and Flinders University did just that.

The Shell Questacon Science Circus, which is the premier outreach program of Questacon, the National Science and Technology Centre, has 15 members. They are undertaking a Graduate Diploma in Science Communications at the Australian National University. The course is run through the Centre for the Public Awareness of Science (CPAS).

Amy Blaylock, Lucy Andrew and Deb Shaw all completed science degrees at Adelaide University while Lyndal Gully and Marijke de Weerd studied Biotechnology at Flinders University. The other members came from Queensland, Western Australia, Victoria, New South Wales, ACT and New Zealand.

The scholars come from a range of backgrounds varying from environmental management to physics, biotechnology to chemistry. The course is open to science and technology graduates of all Australian universities and is also offered to overseas students. The one thing scholars have in common is a love of science and a desire to have fun.

The 15 scholars are based in Canberra but don't spend much time there. The field work component requires that they travel to regional and remote areas of Australia performing science shows at schools and putting on public exhibitions. Six tours are run every year, each lasting about three weeks.

The Science Circus aims to make science fun and accessible. It visits each state once every two years and every regional area every five years.

This year, scholars are performing outside Homebush Stadium during the Olympics. They will also be travelling to remote Aboriginal communities as part of the science and society course work. This includes three days of training at the Investigator Centre in Adelaide.

As with most degree courses there are assignments to do. The course work covers writing, exhibition design and evaluation, marketing, television and radio. Scholars also take part in the Science Festival as well as other activities at Questacon.

The graduate diploma is a great way to get into science



communications. It is the only course of its kind, combining performance with the theoretical side of communications. It is a fun and exciting year with the opportunity to take part in an assortment of different activities. All you need is a science or technology degree from any Australian university and the ability to communicate science to people of all ages and backgrounds.

Past scholars work in a variety of fields. A few have gone back to working in research but most have stayed in science communications. Scholars can be found working on television, radio, at most science centres around Australia, newspapers, science festivals and overseas. The choices after completing a diploma are huge. Applications for next year's course have already closed but anyone interested should keep an eye out for the call for the year after.

—Marijke de Weerd

On-line course targets China

FOUR Adelaide University linguistics students are helping to develop an on-line English-language course for students in China.

Local Internet service provider, Chariot Internet, has recruited the four to join a team of writers for the course which will be delivered to a minimum of 22,000 Chinese students. The initial program will then be adapted for delivery to students in Thailand, Japan and Korea.

Linguistics Department lecturer Dr Peter Mickan said the course, titled English for Living, was a series of online learning modules to develop English communication skills for social, vocational and educational use.

"Graduates in Linguistics are applying knowledge and skills developed in their study of language and communication to the complexities of online language learning and teaching," he said. "Technical uses of multimedia are combined with a knowledge of language learning and information exchange in electronic environments."

Dr Mickan said the employment opportunities with Chariot were a good example of how the Department was providing a curriculum which responded to the changing world.

"We are increasingly operating in electronic environments for our personal communication, business transactions, public administration and education," he said. "In these environments we are developing new patterns of language use for accessing, creating and negotiating information.



Linguistics Department lecturer Peter Mickan (far left) with some of the Linguistics students now working for Chariot Internet (back) Deb Coleman-George, Ray Adams, and (front) David Fairbrother. Absent was Michael Wilkins. Photo: Ben Osborne.

"The courses at Adelaide University are designed to prepare graduates to meet the challenges of technoliteracy, and to take advantage of the opportunities information technologies offer for employment with innovative industries such as Chariot.

"We want our graduates to have the practical skills to contribute to uses and developments of information technologies. At the

same time we consider it essential that our graduates participate in democratising information access and distribution. So our students in Communication and Media studies explore practically and analytically the social roles of language in societies and its judicious uses for strengthening civil and socially just societies."

—Ben Osborne

Thebarton open day success

THE Open Day at Adelaide University's Thebarton campus has been hailed by organisers as a resounding success.

More than 40 research and development enterprises employing a combined total of more than 400 people opened their doors to the public for the Radnet (research and development network) event. Radnet was founded in 1996 to promote links between businesses at Thebarton.

Businesses showing off their wares included those in the fields of computer software, engineering, industrial design and biotechnology.

The day's activities were officially opened by well-known business identity Dr Patricia Crook, managing director of surgical products manufacturer Dynek Pty Ltd.



Taking a tour of facilities of the Thebarton Campus are Vice-Chancellor Professor Mary O'Kane, Open Day coordinator Andrew Rogers, and Federal Minister for Industry, Science and Resources, Senator Nick Minchin.

Dental student wins top postgraduate award



Patricia Diaz. Photo: Marijke de Weerd.

A postgraduate student at Adelaide University's Dental School, Patricia Diaz, has won the postgraduate division prize in the annual Colgate poster competition.

The prize was announced at the annual meeting of the Australian and New Zealand Division of the International Association for Dental Research (IADR) in Perth.

Ms Diaz will now compete for the prestigious Edward Hatton Award in Japan at next year's international meeting of the IADR. Last year she won a travel award enabling her to present her Honours' year research at the international meeting in Washington.

Ms Diaz, a dental graduate from the Instituto de Ciencias de la Salud-CES (Medellin, Colombia), completed a B.Sc. (Dent.) Honours degree in the Dental School's Oral Microbiology Laboratory last year and is currently enrolled in a Ph.D., supported by an International Postgraduate Research Scholarship.

The title of her award-winning poster was "Anti-oxidant protection of Fusobacterium nucleatum for Porphyromonas gingivalis grown in continuous co-culture."

The two bacteria are among a number of species that exist in dental plaque below the gum margin and P. gingivalis has been strongly linked to periodontal (gum) diseases. These species are anaerobic; that is, they live without air - indeed, oxygen is normally toxic for them.

However, Ms Diaz's studies have shown that F. nucleatum can grow under highly aerated conditions, metabolising the oxygen present and creating an environment allowing the survival and growth of potential pathogens, such as P. gingivalis. This study helps us to explain the complex ecological relationships between co-habiting bacterial species. It thus suggests new ways of disrupting such ecosystems, thereby leading to alternative treatments for periodontal diseases.

Sleeping Olympians...and much more

FOR some Olympic athletes, getting enough sleep before their ultimate test is a concern. For others, exhaustion, exhilaration or disappointment will have its effect on the night that follows. All can expect changes in their sleeping patterns in the post-Olympic period.

Just how athletes' sleep is affected when they stop exercising is one of dozens of presentations currently being assessed for Research Day at The Queen Elizabeth Hospital on Friday 6 October. The papers are by Honours and Postgraduate students enrolled predominantly at Adelaide University.

"The annual Research Day gives young researchers valuable experience in delivering an oral or poster presentation before a broad audience," said Dr Prue Cowled, who is coordinating the event. "The work presented must have been substantially undertaken at The Queen Elizabeth or Lyell McEwin Hospitals."

While the experience of presenting their research in a conference setting is valued by the participants, so are the prizes offered for the best presentations. Prizes of \$500 are offered for the best oral presentations in six categories, while another of \$350 will be given for the best poster presentation.

While Research Day will feature presentations mainly by new researchers, Professor Grant Sutherland will deliver a mid-day plenary lecture on the Human Genome Project. Professor Sutherland is Director of Cytogenetics and Molecular Genetics at the Women's and Children's Hospital. He has a long-standing interest in the Human Genome Project and was President of the international Human Genome Organisation. His laboratory has been involved in the project since the 1980's and has a particular interest in the mapping of chromosome 16.

Further details: Dr Cowled (08) 8222 7541, or the website: <<http://www.nwahs.sa.gov.au/research/resday.htm>>.

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Early-rising high achievers win Show honours

GETTING out of bed before sunrise in the middle of winter takes a lot of commitment, dedication and... a warm jacket.

For Tiffany Munro and Melissa Fraser, it's just another day at university.

The two young women are studying for Agricultural Science degrees at Adelaide University's Roseworthy Campus, and can often be found milking cows at 5am.

Their hard work and enthusiasm is paying dividends.

Both were members of the Roseworthy Dairy Team that enjoyed some well earned success at the recent Royal Adelaide Show. The team consisted of 20 Bachelor of Agriculture and Bachelor of Natural Resource Management students, along with Agronomy and Farming Systems lecturer Darren Koopman and half a dozen Holstein Friesian dairy cows.

Team leader Ms Munro said the team was especially proud of winning the Cleanest

Stall Competition for the second year running.

"To win this award shows how hard and how well we work together as a team, which is really encouraging," she said.

In the Junior Judging competition Amanda Senior was placed second and Kate Dowler came third. Helen Kennedy gained a third placing for her leading skills in the handling competition and the team achieved a further three fourth placings.

Ms Munro said the high level of competition from professional studs was an incentive for the Roseworthy team to perform especially hard.

Fellow show team member Ms Fraser has also found her love of agriculture leading to exciting personal and career opportunities. She's recently been chosen as the Gawler Show Young Rural Ambassador. She will spend the next year honing her communication and community skills, and is hoping to compete at the Royal Adelaide Show

Young Rural Ambassador Awards in 2001.

Both students believe their studies at Adelaide University have allowed them to try many different areas within the agricultural field to help them determine their future career paths. And neither student is worried about finding rewarding employment when they finish. Ms Munro said she was planning to continue working with dairy cattle, with her ultimate career ambition to work in genetic or stud classification. Ms Fraser is planning a career in agronomy and said her degree would allow her to gain an advisory role rather than just a job in the field.

Their advice for others interested in studying agriculture at Roseworthy?

"The degrees are a great combination of practical knowledge and hands-on experience for people who like agriculture and the environment," Ms Fraser said.

"And the occasional 5am start is really not that bad," Ms Munro insisted.



—Sally Raphael Tiffany Munro (left) and Melissa Fraser. Photo: Sally Raphael.

Lemberg medal winner

BIOCHEMIST Dr John Wallace has been awarded the prestigious Lemberg Medal by the Australian Society for Biochemistry and Molecular Biology (ASBMB).

Dr Wallace, a Reader in Biochemistry with the Department of Molecular Biosciences, won the ASBMB's most prestigious annual award for his work on the structure and function of the enzymes known as pyruvate carboxylase, in particular their insulin-like growth factors and their binding proteins

The Lemberg Medal has been awarded since 1968 in memory of Emeritus Professor M.R. Lemberg, who was the society's first president and honorary life member. The Medallist also presents the Lemberg Lecture at the annual conference of the Society.

Dr Wallace joins five previous Lemberg Medallists from Adelaide University's Department of Biochemistry (which became known as the Department of Molecular Biosciences in June 2000)—Dr JRE Wells (1989), Professor R.H. Symons (1985), Dr DB Keech (1980), Professor GE Rogers (1976) and Professor WH Elliott (1975).



Dr John Wallace.

In addition, two graduate students in the department have recently received travel fellowships: Michael Lees (under Dr Murray Whitelaw) was awarded the Progen Fellowship, while Steven Polyak (under Dr Wallace) was awarded an ASBMB Fellowship.

—Ben Osborne

Art donations encouraged

ADELAIDE University alumni and staff are being encouraged to take advantage of new Commonwealth legislation regarding the donation of art to universities.

University art curator Mr John Perkins said the new legislation makes it extremely attractive for art owners to donate works to accredited institutions such as Adelaide University.

"Under the new legislation, donations of works of art are exempt from capital gains tax," he said. "This mean that the owner can realise the full value of the work and not lose a portion of its value through tax.

"Donors are also able to apportion the deduction for gifts over a period of up to five years."

Under the scheme, the value of donations is determined from two valuations by accredited valuers of the donor's choice, Mr Perkins said.

"It's ideal for alumni or staff who collect art and perhaps may wish to realise their investment for a variety of reasons, while at the same time, making a valuable contribution to the University," he said.

For more information about the scheme, phone Mr Perkins on 8303 4031.

* The University has taken delivery of its latest art acquisition: a massive-sized work by noted Australian artist Syd Ball.



Adelaide University's latest art acquisition, *Flemish Days* by noted artist Syd Ball.

Flemish Days is 4m wide and 2.4m high, and is hanging near the Reading Room in the Barr Smith Library (turn left at the main entrance).

It was painted by Ball in 1977 and represents the early period of his career, with its use of bright primary colours and hard-edge abstraction.

Flemish Days was previously hung in the Latrobe University Art Gallery in Victoria.

—Ben Osborne

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IREX Grants awarded

SEVEN Adelaide University researchers have received funding in the latest International Researcher Exchange Scheme (IREX) grants announced by Federal Education Minister Dr David Kemp.

Grants have been awarded to Professor A Bradbrook (Law), Dr B Dawson (Physics), Dr M Griffith (Civil and Environmental Engineering) Dr M Jaksa (Engineering, Computer and Mathematical Sciences), Dr G Nathan (Mechanical Engineering) and Professor I McMillen (Physiology)

An IREX Fellowship has been awarded to Dr M Gibson (Pathology).

Kids' congress focuses on environmental issues

A children's international conference on the environment will take place at Adelaide University next month.

Kids' Congress 2000: Making a Difference will bring together environmentally-minded children from around the world to share experiences and discuss environmental improvement.

Major issues for discussion during the four-day event (3-6 October) will be biodiversity, catchments and coasts, natural resource management and sustainable practices. All delegates will be aged between 11 and 13.

The conference program will feature presentations, workshops, performances and field trips, with activities culminating in the development of an International Charter for the Environment.

More information is available from Kids'Congress, tel 8264 8099 or the Kid's Congress website at <www.belair.scholols.sa.edu.au>.

Adelaide “must lift profile”

ADELAIDE needs to lift its profile as a city if it wants to attract more students from Indonesia, according to Jakarta-based education and services company Winik.

On a familiarisation visit to Adelaide University recently, company representatives Nico Sosrowibowo and Adi Kasmanputera said few students in Indonesia knew anything about the city.

“It’s not just a case of promoting the University and its courses - it’s a matter of promoting the city, too,” they said.

“Adelaide is not well known in Indonesia, not in the way that Sydney, Melbourne and Perth are known. The image people have of the city is that it’s a small place somewhere in the outback, and we need to change that.”

Winik acts an official representative in Indonesia for a range of Australian tertiary institutions, including Adelaide University.

Mr Sosrowibowo and Mr Para said they were impressed by what they had seen on their first visit to Adelaide. They were struck particularly by its multiculturalism and by the “outstanding” facilities at Adelaide University.



Nico Sosrowibowo and Adi Kasmanputera.

“Staff at Adelaide University are very professional to deal with,” they said. “The information and support they give us is better than what we get from most other Australian institutions.

“Our main aim is to attract high quality students to Adelaide and not simply look for numbers. We want to find the right people who want to study here for the right reasons.”

How to talk to the media

A WORKSHOP to help scientists communicate their research to the press will be held in Adelaide on 10th October.

The workshop will be hosted by Dr Sue Stocklmayer, Director and co-founder of the Australian National Centre for the Public Awareness of Science in Canberra. She will be appearing in Adelaide as a guest of the Australian Society for Medical Research (ASMR).

“All the evidence suggests that the Australian community will only support science if it understands what scientists do,” Dr Stocklmayer said. “It follows that the community must be well informed about science if it is to take full advantage of the scientific expertise that exists within it.”

In the workshop, Dr Stocklmayer will discuss the problems of science communication, especially between scientists and the media, and explain why there is a worldwide trend towards training researchers in science communication skills. She will also provide pointers to more successful communication techniques.

The workshop will be in the Verco lecture theatre at the IMVS, Frome Road, from 5.30-8pm. All scientists, students and interested parties are welcome. For more information contact Wendy Ingman, tel 8303 3932, email <wendy.ingman@adelaide.edu.au>.

The John Bray Oration 2000

THE John Bray Law Chapter of the Adelaide University Alumni Association is pleased to announce the John Bray Oration 2000 to be held on Friday, 20 October 2000 at 6.00pm at Urrbrae House, Waite Campus.

The John Bray Oration 2000 will be delivered by The Honourable Justice Callinan, Justice of the High Court of Australia. Justice Ian Callinan was appointed to the High Court in February 1998.

He is also a playwright and author, a former Chairman of the Trustees of the Queensland Art Gallery, a former Honorary Chairman of the Brisbane Community Arts Centre and was formerly a Director of a number of public companies as well as the Australian Broadcasting Commission.

At the conclusion of the Oration drinks and light refreshments will be served. Admission is free (a donation to cover costs would be appreciated). Free parking is also available. Additional details will appear in the next issue of the *Adelaidean*.

For further information please contact Kim McBride, Coordinator of Alumni and Community Relations (Australia), telephone (08) 8303 3196.

Would you like a guided tour of Adelaide University’s historic North Terrace campus?

Learn about the history and heritage of South Australia’s oldest University. See the University’s historic buildings and beautiful grounds.

Individuals, families and groups are all welcome.

Tours are conducted by trained guides from the University’s Alumni Association. Tours last one hour. There are some strenuous sections, including stairs; your guide can advise of alternative outdoor routes.

Regular tours are offered each Tuesday morning at 10:30 am and are free of charge. Groups may make arrangements for tours at other times by calling the Alumni and Community Relations office on (08) 8303 3196.

Please meet at University Gate 20 next to the Art Gallery of South Australia on North Terrace.

Public lecture by renowned biologist

A free public lecture by Professor John Maynard Smith, Professor of Biology at the University of Sussex, will take place at Adelaide University on Tuesday 17 October.

Professor Smith is the founder of mathematical biology and is noted for his contributions of games theory to biology and ecology. His achievements have earned him the Royal Medal of the Royal Society.

Professor Smith has also been honoured by the institution of the John Maynard Smith Prize which is awarded by the European Society for Evolutionary Biology to outstanding young researchers in the field of biology. He is the author or co-author of 11 books.

His lecture on The Major Transitions of Biology will be in Lecture Theatre 102, Napier Building, at 7.30pm. All are welcome.

Cornell Chapter Annual Dinner

The Cornell Chapter’s Annual General Meeting will be held on 9 November 2000 at St Mark’s College from 6:30pm - 7:00pm. All members are encouraged to attend.

The Chapter’s Annual Dinner will be held directly after the Annual General Meeting commencing at 7:00pm.

The guest speaker at the Dinner will be Mr Greg Mackie, Councillor, City of Adelaide, Founding Chairman of the Adelaide Festival of Ideas, and Co-Proprietor of Imprints Bookshop. The subject of his address will be ‘Building a Public Intellectual Culture in Adelaide’. Live music will also be provided between courses.

Further details and bookings for the Dinner (\$50 per head, BYO) are available through the Alumni and Community Relations office, Alumni House, 44 Kintore Avenue, tel: (08) 8303 5800.

The Cornell Chapter is also planning two roundtable discussion evenings focusing on the present state, role and importance of the Arts (Humanities and Social Sciences) and Performing Arts in the educational system in South Australia for the first half of 2001.

The first evening will give consideration to the attitudes and forces currently influencing the perceived status of teaching and research in the Humanities and Social Sciences at universities, and the second, the state of teaching of Arts and Performing Arts subjects in the state’s secondary school system. More information about these evenings will be made known in coming issues of the *Adelaidean*.

Adelaide University Alumni Association

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Date of Birth Country of Birth
Adelaide University Degree(s) or Qualification(s):
Qualification Course Year of Graduation
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I would be interested in receiving information and details about events from the following Chapters:
☐ Agricultural and Natural Resource Sciences Chapter

☐ Chapman Association (Engineering)
☐ Sir Joseph Verco Dental Chapter
☐ Cornell Chapter (Arts/Performing Arts)
☐ Florey Medical Chapter
☐ Science and Mathematical Sciences Chapter
☐ MBA Alumni Association
☐ Roseworthy Old Collegians Association (ROCA)
☐ Economics/ Commerce Chapter
☐ Leonardo da Vinci Chapter (Italian-Australian alumni)
☐ John Bray Law Chapter
☐ The University of Adelaide Chapter of Australian Alumni Singapore
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☐ The University of Adelaide Alumni Association Hong Kong Inc.
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All information provided on this form will be added to the University’s Alumni and Community Relations databases for University and University related purposes only and will not be passed on to any third party not affiliated with the University.

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Rostrum Club 11 is a public speaking club, which helps its members develop their meeting procedure skills, and presentation and public speaking skills. The club meets every 2nd and 4th Wednesday of each month, at the University of Adelaide Club.

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Sunday School and Creche

Bald facts exposed for diabetes

IT'S a secret that cannot be kept any longer: some of Adelaide University's most senior managers are going bald.

And we're not afraid to name names: that means you, Executive Director of Student and Staff Services Mr Ian Creagh; you, Executive Director Finance and Infrastructure, Mr Tony Siebert; you too, Financial Controller Mr David Carver; and also you, General Manager of Human Resources Mr Steve Daysh.

It also means General Manager ITS, Scott Snyder; Project Endeavour's Richard Arrowsmith, and HR's Charles Mooney and Albert Oates.

What's more, they're all going bald for a very good reason: to raise money for charity.

A total of nine men will lose their locks on Friday, October 6, when they have their heads shaved for the Juvenile Diabetes Foundation of Australia (JDF).

They are going for the chrome dome look at the behest of Administrative Services Manager Mr David Lamb, whose seven-year-old daughter Alexandra has diabetes.

Alexandra is taking part in the JDF's major fundraising event of the year, the Walk For The Cure walkathon, on October 15. Money from the University headshave will form a significant part of her fundraising efforts.

"I thought a headshaving event would be a good way to do something a little bit different but still act as a fundraiser, and I'm really pleased that we've got so many people to come on board," said Mr Lamb, who himself will also be shorn.

"We're looking for as many people to come along to the headshave as possible, for a bit of a laugh and to help out a very worthy cause. Donations of \$2 or more are tax deductible.

"What we're also doing for the headshave is operating an auction system for the people who will actually do the cutting. The highest bidder for a particular individual will have the pleasure of giving them the shave."

The event will take place from 4pm on Friday, October 6, at the Barr Smith lawns, with all welcome. For more information or to make a donation, contact Mr Lamb on 8303 5164.

—Ben Osborne



Adelaide University staff members Steve Daysh (left) and David Carver look pleased to be two of the nine brave men losing their locks to help seven-year-old Alexandra Lamb—who has recently been diagnosed with diabetes—raise money for charity.

Harpsichord treat for all lovers of Bach

A UNIQUE performance of one of J.S. Bach's most loved keyboard works will take place at the Cynthia Poulton Hall at St Peter's Cathedral on Saturday, 30 September, at 7.30pm.

Harpsichordist and Elder Conservatorium lecturer Mrs Lesley Lewis will perform Bach's six French Suites—the first time they have been performed in their entirety on the harpsichord in Adelaide.

Mrs Lewis has established herself as a prominent identity in the performance and teaching of music from medieval to baroque. She has had a long association with the Elder Conservatorium as lecturer in Early Music, founding the University Waits and Elder Baroque Ensembles.

The performance forms part of a worldwide

tribute to Bach and his music on the 250th anniversary of his birth.

Unlike his famous 48 Preludes and Fugues, which are also often chosen for a complete performance, the French Suites offer an attractive melodic sweetness and characteristic rhythms which have made them favourites of keyboardists from the time they were composed.

Bach composed the suites for his children and students, but the works also stand out as chamber music of the highest quality.

Six French Suites by J.S. Bach and performed by harpsichordist Lesley Lewis will take place at Cynthia Poulton Hall at St Peter's Cathedral at 7.30pm on Saturday, 30 September. Tickets are \$20 single, \$12 SPU and \$50 family, and are available through BASS or at the door.

Jazz series gets underway

A HOST of past and present Adelaide University jazz players feature in Jazz Co-ordination SA's Jazz Series 2000, which gets underway in early October.

The first concert, Gents of Jazz, is on Sunday, 8 October and features Luke Thompson and John Francis on vocals, along with Mike Stewart and Bob Jeffrey on saxophones, David McEvoy on piano, Tim Bowen on bass and Ben Riley on drums.

The second concert, The Three Tenors, is on Sunday, 5 November and features three saxophonists: Mike Stewart, James Annesley and Adam Page. They will be performing with Mark Ferguson on piano, John Aué on bass, and John McDermott on drums.

Concert Three, Leslie Millar Mode, will be held the following Sunday (12 November) and features the "bass-ically" unique Leslie Millar, along with Schmoe on tenor sax, Ted Nettelbeck

on piano, Paul Whitney on guitar and Laurie Kennedy on drums.

"Voices" is the fourth concert and is being held on Sunday, 3 December. It features The Adelaide Connection and other guest ensembles, and is directed by Ross Burford.

The last concert in the series, Jazz Originals, will be held on Sunday, December 10. It features an exposé of brilliant new SA tunes, played by the composers with an ensemble led by Bruce Hancock on keyboards.

All Jazz Series 2000 concerts are held at the Governor Hindmarsh Hotel, and begin at 7.30pm. Tickets are \$12 adult/\$8 concession for each individual concert, or \$50 adult/\$30 concession for a "series" ticket for of all five concerts.

For bookings or enquiries, phone Jazz Co-ordinator SA, at Adelaide University's School of Performing Arts on 8303 4339.

ACCOMMODATION

AVAIL: Renovated farm house near London Ontario avail for rent from Dec 00 - Dec 02. 10 minutes from Uni of Western Ontario. Contact <jmcgarry.lots@sympatico.ca>.

BEACHFRONT: Fully furn & fully self contained double storey apartment with beautiful sea views. 2 br, study, 1.5 bathrooms and many extras, avail now. Ph 8400 8120 or 0419 380 503.

FAIRVIEW PARK: Share accomm. Non-smoker to share 3 br home, close to transport. \$60 p/w + exp (excluding water bill). Ph Emma, 8288 7219 (ah) or email <emma.moore@adelaide.edu.au>.

PARKSIDE: Modern 1-2

br house, spacious living, European design with charming garden, secluded location, suit couple, available Oct 00 - Feb 02. \$250 pw. Ph 08 8272 0588 or email: <schwerdt@arcom.com.au>.

GLEN OSMOND: 3 brs, unfurn. house (some built-ins), close to transport & good shools. Walking distance to Waite., no pets, lawns mown. Available now. \$220pw + bond. Ph 8379 4869.

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SHARE HOUSE: With mature Australian female. Furn rm avail to Japanese female student only. Sep study with computer. Very secure home in a quiet

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area. Use of all facilities - must buy own food, personal requirements and pay for phone calls. Ph 8262 5134 (h) or 8303 3410(w) or 0413 912 061.

WANTED: Academic family seeks 3-4 br, furn and equipped home for 1 year beginning in Jan 01. Prefer near Waite Campus. Email <ullman@udel.edu>.

WANTED: Academic and family require accomm, prefer 3 br, near transport and within cycling distance of the city from 21 Jan 01 - 21 Apr 2001. Mail Associate Professor Peter Svensson, Center for Sensory-Motor Interaction, Aalborg University, DK-9220 Aalborg SE,

Denmark or fax + 45 9815 4008.

WANTED: Academic requires accomm from 15 Nov 00 - 15 May 01. Would prefer 3 br house within walking distance to the Waite Campus, Urrbrae, biking distance (10 kms radius) from Waite is also a possibility. Ph Daryl Stephens (08) 8303 8533.

FOR SALE

APPLE MAC LC 475. 8Mb RAM. 14" colour monitor. Apple Stylewriter 2500, colour inkjet printer. Manuals, software + extra ink cartridges. \$250 ono. Ph Debbie 8303 7298(w) or 8381 3841 (ah).

BIKE: Girls, in good cond, Repco 20", suit 8-12 yr old. \$45 ono Ph 8362 2820.

MISC: Boy's mountain bike 18", Repco Maxtracx, \$90. Grey laminate computer desk \$70. Ph 8303 3706 (w) or 8362 9444 (ah).

MISC: Table laminex top 150 x 75 cm with 2 drawers perfect cond, vinyl based steel chair, teak bookshelf 180 cm height and 90 cm width with drawer ideal for office or study, \$150 the lot. Architects chair as new, hardly used, \$100 ono. SABCO carpet sweeper, SABCO hand carpet shampooer, single bed mattress, as new, price neg. Ph 8365 3829 or 8303 5084.

MISC: Water Bed, single, good cond. \$130. Bedhead,

single, \$50. Ph 8322 6456 (ah).

SANBLASTER: Quite lge, hardly used, complete with light gloves and hand piece with compressor hose attached. Around 1 metre in square diameter. \$850 ono (genuine buyers only). Ph Arthur 0402 414 684.

WANTED

GENTLEMEN: Up to four to escort four ladies to the Urrbrae House "Blast from the Past" 1920's Ball (7 Oct). Age and height open, some dancing required. Ph Lynne 8303 5120.

MISCELLANEOUS

GIVE AWAY: Clean earthfill, Craighburn area, cartage nego. Ph 8322 6456 (ah).

Bulletin Board

SEPTEMBER 25, 2000

ADELAIDE UNIVERSITY

PAGE 1



LINCOLN COLLEGE

(AFFILIATED WITH THE UNIVERSITY OF ADELAIDE)

Applications are invited from suitably qualified women and men for the positions in the College in 2001 of:

Residential Tutor(s)

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

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

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

Remuneration is by way of substantial rebates on residential fees. Applications should be lodged by 13 October 2000. The College reserves the right not to appoint or to appoint by invitation.

For further information or application forms contact the College on (08) 8290 6000 or write to: The Principal, Lincoln College, 45 Brougham Place, North Adelaide, 5006 or email: <p_gunn@lincoln.college.adelaide.edu.au>

The Don Dunstan Foundation and UANTaR present

Mandatory Sentencing Seminar

with music by CASM

Thursday 12 October, 12.45pm - 2.30pm, Union Cinema, Level 5, Union House, Adelaide University

Guest speakers: Justice Elliott Johnson (Commissioner on the Royal Commission into Aboriginal Deaths in Custody), Dr Judith Gardam (Reader, School of Law, Adelaide University) and Chris Charles (Senior Solicitor, Aboriginal Legal Rights Movement).

All welcome. Optional gold coin donation towards the aims of UANTaR appreciated.

PhD Studentship: Microbiology – University of Otago

Applications are invited for a studentship investigating the role of co-factors in p53 mediated apoptosis and in particular the role of viral proteins in this pathway. The position is available immediately.

This studentship is supported by a grant from the Marsden Fund to the value of \$15,000/year for 3 years (tax-free). A further supplement of \$3,000/year is available to support university fees over the 3 year duration.

This position will be under the joint supervision of Professor Antony Braithwaite and Dr Marilyn Hibma.

Please apply in the first instance to Dr Marilyn Hibma, Department of Microbiology, University of Otago by sending a CV (including an academic record and names of three referees). Fax (03) 479 7744, email: <merilyn.hibma@stonebow.otago.ac.nz>.

Closing date for applications: 16 October 2000.

The Don Dunstan Foundation and the Centre for Labour Research present

Changing Track: A new political and economic direction for Australia

by Associate Professor Frank Stilwell, 6.00 - 7.30pm, Wednesday 11 October 2000, Scott Theatre, Adelaide University

Come and hear Frank Stilwell talk about alternatives to economic rationalism as he provides an overview of some of the ideas from his new book Changing Track.

Members of the public are encouraged to attend these events. Tickets are \$10/\$5 concession and can be ordered through the Don Dunstan Foundation office by calling Alison on (08) 8303 3364.

ALL WELCOME

TUESDAY 26 SEPTEMBER

12noon Child Health Research Institute Seminar: Dietary Docosahexaenoic Acid (DHA) and Breast Milk Cytokines by Dr Jo Hawkes (CNRC). Seminar Room, 7th Floor, Rieger Building, WCH. Light refreshments will be provided by Interpath Services.

WEDNESDAY 27 SEPTEMBER

1.10pm Horticulture, Viticulture & Oenology Seminar: Horticultural development of Australian native plants, particularly Eucalypts, in Western Europe and California by Ms Kate L Delaporte (Horticulture, Viticulture & Oenology). Plant Research Centre Auditorium, Waite Campus.

THURSDAY 28 SEPTEMBER

12noon Hanson Centre for Cancer Research Seminar: Genomic discovery and functional characterisation in vivo: Lessons from platelet GPV1 by Dr David Gearing (CS Limited, Victoria). Robson Theatre, RAH.

FRIDAY 29 SEPTEMBER

1.10pm Elder Conservatorium Lunch Hour Concert: Elder Conservatorium Percussion Ensemble; Jim Bailey - conductor. Admission \$3 including GST at the door. Elder Hall.

4.00pm Obstetrics & Gynaecology Seminar: Antigen presenting cells in the murine uterus by Sarah Hudson (Obstetrics & Gynaecology). Seminar Room, 6th Floor, Medical School, North Wing.

COMING EVENTS

26th September — 6th October

5.00pm Postgraduate Students' Association Award Ceremony: Postgraduate Staff Awards 2000. Speaker Professor Mary O'Kane (Vice-Chancellor). Wills Refectory, Ground Floor, Union House.

TUESDAY 3 OCTOBER

3.15pm Anthropology Seminar: The Feast of the Saint: Patrons, Brokers, Peons and the Carib Community of Arima, Trinidad by Max Forte (Anthropology). Room 722, 7th Floor, Napier Building.

5.00pm North Terrace Neuroscience Discussion Group: Neuropharmacology of drugs of abuse by Dr Rob Irvine (Clinical & Experimental Pharmacology). Seminar Room, 6th Floor, Medical School, North Wing.

WEDNESDAY 4 OCTOBER

10.10am Electrical & Electronic Engineering Seminar: One the Application of Threshold Logic in VLSI Design by Peter Celinski (Electrical & Electronic Engineering). Room EM212, New Engineering & Mathematics Building.

12.30pm Clinical Nursing Seminar: Applied Change Management and Adult Learning Principles in a Falls Prevention Project for Acute Health Care by Ms Robyn Clark (Clinical Lecturer). Room 36, Level 3, Eleanor Harrald Building, RAH.

1.10pm Horticulture, Viticulture & Oenology Seminar: Grape tannins and red wine astringency quality: What do we know? By Dr Jim Kennedy (Horticulture, Viticulture & Oenology). Plant Research Centre Auditorium, Waite Campus.

1.10pm Geology & Geophysics Seminar: Applications for contemporary stress related structural permeability by Dr Scott Mildren (NCPGG). Mawson Lecture Theatre, Mawson Laboratories.

1.10pm Genetics PhD Update: Dave Wheeler (third year). Seminar Room, Ground Floor, Fisher Building (southern entrance).

5.30pm Centre for Biomedical Engineering Seminar: Fluid-Flow/Structure-Deformation Modelling for Cardiac Assist by Associate Professor Chris Bertram (University of New South Wales). SG15 Hone Lecture Theatre, Ground Floor, Medical School South.

THURSDAY 5 OCTOBER

12noon Hanson Centre for Cancer Research Seminar: IgE receptor signalling in basophils and mast cells by Dr Janet Oliver (University of New Mexico). Robson Theatre, RAH.

12.05pm Psychology Seminar: Integration strategies among Persian women by Tahareh Ziaian (postgraduate structured program). Room 527, Hughes Building.

1.00pm Environmental Biology

Seminar: Running in agamid lizards - is bipedal better? By Stephen Milne (Environmental Biology). Benham Lecture Theatre, Ground Floor, Benham Building.

FRIDAY 6 OCTOBER

10.00am Animal Science Seminar: Final seminars for Honours students. Video Conference Room E35, Roseworthy.

10.00am Social Inquiry - Labour Studies Seminar: Researching Trade Union culture and campaigns by Sonya Mezinec. Seminar Room, 3rd Floor, 10 Pulteney Street.

11.00am Asian Studies Seminar: The Significance of Postal Savings in Japanese History by Dr Katalin Ferber (Visiting). Room 518, Level 5, Ligertwood Building.

11.30am Social Inquiry - Gender Studies Seminar: The Politics of Shame by Pru la Motte. Seminar Room, 3rd Floor, 10 Pulteney Street.

12.45pm Dentistry Seminar: How does Eikenella grow? By Neville Gully. Lecture Theatre 1, 6th Floor, Adelaide Dental Hospital.

1.10pm Elder Conservatorium Lunch Hour Concert: Ronald Woodcock - violin (Distinguished visiting artist from NSW) and Stefan Ammer - piano (former Associate Professor of the Elder Conservatorium). Admission \$3 including GST at the door. Elder Hall.

4.00pm Obstetrics & Gynaecology Seminar: Epigenetic consequences of embryo manipulation by Ms Katrina Hartwich (Turretfield Research Centre, Rosedale). Seminar Room, 6th Floor, Medical School, North Wing.

SITUATIONS
VACANT

For further information about the following vacancies please refer to Human Resources' Web page at <<http://www.adelaide.edu.au/HR/advpos.htm>> or the contact person named in the advertisement.

Please note that applications, in duplicate, addressing the selection criteria and quoting the relevant reference number should include names and full addresses of three referees. The address for applications is C/- the Department or Officer named in the advertisement. **Selection criteria and applicable duty statements may be obtained from the contact officer named in the advertisement.**

Applications for the following vacancy will be considered only from members of the staff of the University*

IT SUPPORT OFFICER
(Ref: 2148/10038)
(Continuing)
Information Technology Services
Salary: HEO5 \$35,191-\$39,268
Two IT Support Officers are required to work in the Technology Support Centre within the Information Technology Services department of the University.
Both positions are continuing. Position 2148 is available from November 2000 and position 10058 is available from December 2000. Further details including the duty statement and selection criteria from Ross Hubber, Acting Team Leader - Customer Support Team, tel 8303 5160. Applications close 3 October 2000.

* includes only those persons who hold current written contracts of appointment with the University.

Applications for the following vacancies are not restricted to members of the University.

TENURABLE LECTURER/ SENIOR LECTURER IN GENETICS
(Ref: 10574)
Dept of Molecular Biosciences
Salary: Lecturer Level B \$49,249-\$58,484 / Senior Lecturer Level C \$60,329-\$69,564*
We are seeking to appoint a suitably qualified geneticist with a proven record of excellence in research and teaching and with skills in computing and bioinformatics.
This tenurable position is available from 1 January, 2001. Details from Ms Silvia Augello (Secretary) tel (61 8) 8303 5563 or email <silvia.augello@adelaide.edu.au>. Applications close 1 November 2000.

RESEARCH FELLOW: PETROLEUM GEOLOGIST/ FAULT SPECIALIST
(Ref: 10556) (Fixed-term)
National Centre for Petroleum Geology & Geophysics (NCPGG)
Salary: \$49,249-\$58,484
A position is available for a

Petroleum Geologist to work on fault seal evaluation at the NCPGG at Adelaide University in South Australia.
This fixed-term position is available immediately, for two years in the first instance. Further information and selection criteria may be obtained from the, Director, NCPGG, tel (61 8) 8303 4299, fax (61 8) 8303 4345 or email <jkaldi@ncpgg.adelaide.edu.au>. Applications close 15 November 2000.

RESEARCH FELLOW IN THE SOUTH AUSTRALIAN BARLEY IMPROVEMENT PROGRAM
(Ref: 4151) (Fixed Term)
Department of Plant Science, Waite Campus
Salary: Research Fellow \$49,249-\$58,484
The position is located in Plant Science, Waite Campus, and funded by the Grains Research and Development Corporation, Project UA353.
This fixed term position is available from September 2000 to June 2001. Further information from Sam Merchant, tel (08) 8303 6815, fax (08) 8303 7109, or email <smerchant@waite.adelaide.edu.au> or Professor Andrew Barr, tel (08) 8303 6553, fax (08) 8303 7109, or email <andrew.barr@adelaide.edu.au>. Applications close 9 October 2000.

DEVELOPMENT OFFICER (ANNUAL AND PLANNED GIVING)
(Ref: 10588) (Continuing)
Alumni and Community Relations Office
Salary: HEO6 \$39,402-\$42,664
Adelaide University has embarked upon a major, innovative fund-raising program. Under the general direction of the Director, Development, the senior professional fundraising adviser to the Executive Director, Finance and Infrastructure, who has overall responsibility for fund-raising, the University is seeking to appoint a Development Officer (Annual and Planned Giving).
This continuing position is available immediately. Details from Ms Judith Edwards, tel 8303 3234 or email <judith.edwards@adelaide.edu.au>. Applications close 6 October 2000.

PROJECT OFFICER (COMMUNICATIONS & RESEARCH)
(Ref: 10587) (Continuing Part Time)
Alumni & Community Relations
Full-time Salary: HEO6 \$39,402-\$42,664
Adelaide University Alumni and Community Relations Office is seeking a communications and research professional to support its program of alumni, community relations and development activities and initiatives.
This continuing position is

available immediately on a 30 hours per week basis. Further information from Ms Judith Edwards, tel 8303 3234 or email, <judith.edwards@adelaide.edu.au>. Applications close by 6 October, 2000.

ARC RESEARCH ASSOCIATE/POSTDOCTORAL FELLOW
(Ref: 10592) (Fixed-Term)
Department of Applied Mathematics
Salary: \$38,414-\$46,786
The successful applicant will be required to work with Associate Professor Peter Taylor, Dr Sergei Berezner (University of Melbourne), Professor Tony Krzesinski (University of Stellenbosch, South Africa) and Dr Ake Arvidsson (Ericsson Utvecklings, Sweden), on the Australian Research Council funded project "Scalable Dynamic Control of Telecommunication Networks".
This fixed-term position is available immediately until 31 December 2002. Further information from Associate Professor Peter Taylor. Department of Applied Mathematics, tel (08) 8303 5192, fax (08) 8303 4395 or email <ptaylor@maths.adelaide.edu.au>. Applications close 9 October 2000.

RESEARCH OFFICER
(Ref: 6911) (Continuing)
Department of Anatomical Sciences
Salary: HEO 5/6 \$32,337-\$42,664
To support research of the Wood Jones Professor of Anthropological and Comparative Anatomy.
This continuing position is available immediately. Further information from Mr John Cecchin, Laboratory Manager, Department of Anatomical Sciences, tel (08) 8303 5192. Applications close 15 October 2000.

RECEPTIONIST/ ADMINISTRATIVE OFFICER
(Ref: 10589) (Continuing)
Media Marketing & Publications
Salary: HEO2 \$18,071-\$27,445 (Junior rates apply to persons 20 years of age and under)
To provide reception and administrative services in a busy public relations environment.
This continuing position is available from 1 November 2000. Further information may be obtained from Pue-San Ng, tel 8303 6479, fax 8303 4838 or email <puesan.ng@adelaide.edu.au>. Applications close 6 October 2000.

HUMAN RESOURCES DEADLINES FOR ADELAIDEAN
For the *Adelaidean* of 9 October, advertising paper work must be received in Human Resources by 22 September.
For the *Adelaidean* of 23 October advertising paper work must be received in Human Resources by 6 October.

GENERAL
NOTICES

Staff car services

Adelaide University staff who travel as part of their work can avail themselves of new transport services following agreements between the University and two private companies, AVIS Rental Cars and Hughes Cars.

Cars may be hired at preferential rates from AVIS by phone (136 333) or via the Internet, quoting the AVIS Worldwide Electronic Billing (WEB) number and the Wizard number appropriate for your department. These numbers are available from departmental offices, faculty finance managers or Judy Telfer at the Waite Campus (ext 37345). Staff who make frequent bookings can be enrolled as AVIS Preferred Customers. Account manager for the University is Helen Thompson, tel 8221 5525 or email <helen.thompson@avis.com.au>. Staff can also avail of the same preferential rates when they hire an AVIS car for private use.

Hughes Cars has been contracted to provide a car and driver hire service as an alternative to taxis. (The company provides the same service to UniSA and Flinders staff). Bookings must be made at least 20 mins in advance by phone 8234 0835 or fax 8234 1068. The University account number and departmental cost centre numbers, available from the department office, will be required. Staff wanting to hire a vehicle for private use can do so by calling CITICAR, a subsidiary of Hughes Cars, tel 8443 3033.

Details of the new travel arrangements for staff can be obtained from the department offices or from Judy Telfer ext 37345. General enquiries about either of the services can be referred to Bill Aukett ext 34466, email: <bill.aukett@adelaide.edu.au>.

Overseas visitors health cover

Staff coming from overseas on temporary resident visas or business visas are required to pay the Medicare Levy through the PAYG tax system, but are not entitled to Medicare benefits. However, you may be eligible to claim back your Medicare Levy Surcharge that is deducted from your payroll tax. For more information contact: 1300 300 271 or Levy exemption Circular Unit, Health Insurance Commission, GPO Box 98222, Hobart TAS 7001.

Mutual Community are offering Adelaide University a special cover for temporary residents in Australia, who are not eligible for benefits from Medicare. Without Medicare cover visitors or temporary residents could be forced to pay thousands of dollars to cover unforeseen medical costs.

For an information kit tel Gail DuBois ext 35790 or Michelle Radford ext 35255.

STEVE DAYSH
General Manager
Human Resources

Women's Professional Development Network

The WPDN runs a variety of activities including breakfasts, lunchtime speakers and workshops. For more information and instructions on how to join our listserver, visit our web site at: <<http://www.adelaide.edu.au/wpdn>> or contact Danielle Hopkins (danielle.hopkins@adelaide.edu.au, ext 33937) or Catherine Edis (catherine.edis@adelaide.edu.au, ext 36151).

COMING EVENTS
Social Breakfast
8.00am Monday 16 October, Union Gallery, L6 Union Building, North Terrace Campus.

Sexual Harassment Contact Officer Training Course

A 12 hour training course is offered to staff and students who are interested in becoming a Sexual Harassment Contact Officer for the University. The role of the contact officer is to be a first point of contact and to provide support and information to staff and students who have experienced sexual harassment. The contact officer may assist in clarifying the nature of the concern and give information on options for resolution. Contact officers do not become involved in directly resolving or investigating cases of sexual harassment or liaising with the person against whom a complaint is made. More information about the role of the contact officer can be found in the University Sexual Harassment Policy: <www.adelaide.edu.au/EO/shpolicy.htm>

If after completing the training, staff and students wish to become contact officers, their name will be listed on the University website.

Course details(participants need to attend each session):

- Thursday 12 October 9.00am-1.00pm (Canon Poole Room, Level 5, Union Building)
- Thursday 19 October 9.00am-1.00pm (WP Rogers Room, Level 5, Union Building)
- Thursday 26 October 9.00am-1.00pm (WP Rogers Room, Level 5, Union Building)

Course Facilitators: Jane Copeland (Student Support Services) and Des Ford (Bfriend Project, Adelaide Central Mission).

If you wish to enrol or would like more information, please contact Jane Copeland tel 8303 4456, <jane.copeland@adelaide.edu.au>.

Project Odyssey – the journey begins...

Since June this year major network up-grades have commenced across the North Terrace campus. All this work is part of Project Odyssey, which will completely upgrade the existing data and communications network and introduce network connectivity to some specific locations where previously there was none.

The whole project will take 18 months to complete and is being coordinated by Information Technology Services (ITS) with major input from Property Services. Logical Networks were chosen as the implementation partners who are working with the equipment suppliers, Cabletron and cabling contractors, Data & Voice.

Some history: In 1987 the University installed its first data network (Ethernet 10Mbps) for the North Terrace campus that connected 3 buildings. The network has progressively expanded to roughly 70 buildings over 3 campuses and 4 teaching hospitals. The bandwidth has been upgraded in stages over the last 13 years and currently the network supports 2,500 staff and 14,000 students. This relates to around 5,000 desktops and 9,000 data/voice points.

Why the Odyssey Network? The network is overloaded and there are still some departments and buildings with no network connectivity. The network was built over a number of years and designed by immediate needs rather than an overall design philosophy. With the introduction of the new Management Information Systems (PeopleSoft), demands for improved bandwidth to other campuses and the increased use of Internet/Intranet for research and teaching, the demand for a faster and more reliable network has increased.

What does all this mean? The Odyssey network will offer a state of the art network, run 10 times faster (100 Mbs) and offers enhanced security and increased reliability. However, users will probably not notice any considerable changes in speed across the network.

The benefits are that every building will be connected to a 4-point core at very high speeds, reducing the impact of network congestion and failure across the University.

Where are we now? If you work in Engineering North, Engineering South or the Mitchell building you couldn't help noticing cabling contractors climbing up walls or clambering around the roofs, moving PCs and desks to get cables installed. This is the first rollout stage of the project, which involves installing new cables in parallel with existing cables and is being lead by Peter Schuitemaker from Data and Voice. Depending on the number of cables to be installed and the condition of the buildings, we expect this stage to take approximately 4 weeks per building.

The second stage of the process is the installation of the new networking equipment in the communications rooms. This will not cause any disruption to your connectivity.

The third stage is connecting the new cabling to the new network equipment which will involve network downtime. Endeavours are being made to minimise the visibility of downtime by scheduling the cutover phase during weekends or after normal hours. Unfortunately those occupants in larger buildings with a large number of data points, the cutover may extend either side of the particular weekend. Building occupants will be notified at least 3 weeks beforehand of any outages. Telephones and faxes will also be connected to the new cabling at this time. The old cabling will be removed during the following weeks. This is the end of the process, you will be connected to the Odyssey network and there should be no further disruption.

The cabling and building schedules for North Terrace are available from the Project Odyssey web site and show the estimated start and finish dates for cabling and the day the building will be expected to be cutover to the Odyssey network.

As the project is in the early stages of implementation, the other three campuses: Waite, Roseworthy and Thebarton; are scheduled for late 2001. Dates and building sequences will be made available nearer the time. Network equipment in the teaching hospitals will be replaced as soon as the main campuses have been connected. Please note that there will be no cabling in any of these hospitals.

Project progress and updates will be published on the web page each week including updated building schedules. We recommend that these schedules be checked frequently to obtain the latest information.

For further information please log on to our website: <<http://www.adelaide.edu.au/ITS/Odyssey/>> or email <project.odyssey@adelaide.edu.au>.

JESSE GRAINGER
ITS Project Officer

PhD & MSc Scholarships in Zoology

Department of Zoology, University of Otago, Dunedin, NZ

Applications are invited from suitably qualified students for one PhD and one MSc scholarships to work under the supervision of Dr Robert Poulin. The scholarships are funded by the Marsden Fund and are available for three years.

The research program entitled "Biodiversity maintained by parasites: The community ecology of New Zealand intertidal ecosystems" will involve field and laboratory experiments aimed at elucidating the role played by parasitism in the structure of soft-sediment intertidal communities. The main study organisms are molluscs and crustaceans, and their parasites. There will be some scope for students to develop a project that meets their interests, as long as it remains within the framework of the research program.

Candidates should have interests and/or experience in either marine ecology, host-parasite interactions, or behavioural ecology. More importantly, candidates should be highly motivated and enthusiastic about this sort of research.

Specific enquiries may be made to Dr Robert Poulin, tel 64 3 479 7983, Fax 64 3 479 7584 or email <robert.poulin@stonebow.otago.ac.nz>.

Closing Date: Friday 17 November 2000.

Further details regarding the University and how to apply for admission in postgraduate programs can be found at our homepage at <<http://www.otago.ac.nz>>.

Research Branch: Special Notices

AUSTRALIAN HOUSING AND URBAN RESEARCH INSTITUTE (AHURI) - APPLICATIONS FOR 2001 FUNDING

AHURI aims to link quality research and the development of ideas with policy development, program evaluation and project development in the public and private sectors. Its research program consists of practical, applied policy relevant research within program themes that have been established through consultation with key stakeholders. The current program themes are:

- Housing Assistance Programs
- Program Integration and Housing Assistance
- Urban Management & Infrastructure
- Indigenous Housing
- Housing Futures
- Innovation in the Provision of Housing
- Transforming Communities
- Homelessness and Marginal Housing

Applications for support (ranging from up to \$25,000 to up to \$250,000) for projects to be conducted in 2001 are now invited and close on 20 October 2000. Draft proposals are to be submitted to Dr Andrew Beer, Director, AHURI SA, NT and Tasmania at the School of Geography, Population and Environmental Management, Flinders University by 6 October. Copies of the Application pro forma, Guidelines, Research Agenda for 2001 and related documents are available through the Research Branch website at: <<http://www.adelaide.edu.au/RB/new.html>>. Enquiries can be directed to Sondra Gould in the Research Branch, Professor Graeme Hugo at GISCA or Dr Beer at Flinders.

AUSTRALIAN-GERMAN JOINT RESEARCH CO-OPERATION SCHEME

The Australian-German Joint Research Co-operation Scheme is a two year pilot scheme which is jointly funded and managed by Adelaide University, Australian National University, the Commonwealth Government Department of Industry, Science and Resources, and the German Academic Exchange Service (DAAD). The scheme aims to foster international scholarly and scientific cooperation through funding of researchers who participate in co-operative research projects between Australia and the Federal Republic of Germany. It is envisaged that up to 100 staff exchanges will be funded during the course of the pilot scheme.

Please note: Applications will be invited for the first round on 1 October 2000 and will close on 31 October. The Research Branch will forward further information to Departments once the details have been finalised. In the interim, for more information contact Lynette Kelly, Research Branch, 35175.

ARC CLOSING DATES, 2001

Contrary to earlier indications, recent advice from the ARC is that there will be two separate closing dates in 2001, one for the Discovery Program (Large Grants and Fellowships) and the other for the Linkage Program (SPIRT and RIEF). Precise dates have not yet been determined but it now seems likely that the closing date for Large Grants and Fellowships will be the same as for 2000. If so, the closing date will be approx 8 Feb 2001. Details will be provided as soon as they are available.

Research Branch Web Site <<http://www.adelaide.edu.au/RB>>

Revised rollout of student records and student financials

The target date of 31 October 2000 for the go live of the Student Records and Student Financials modules of the PeopleSoft system is being reviewed, and a decision taken to analyse alternative implementation timetables in place of a go-live date of 31st October. Due to a combination of the four week delay in the Admissions go-live and the pressure on resourcing levels in both the business areas and the Project Team, there has been insufficient progress with the configuration of the system to reflect Adelaide University requirements. It is therefore unrealistic to contemplate a 31 October go live without significant risk and pressure in all student administration areas.

To avoid placing the 2001 enrolment process at risk, this review is being undertaken now rather than waiting until closer to the end of October. As a result, the SIS will need to be used to capture all 2001 enrolment information.

The immediate activities which need to occur, coordinated by Heather Howard and Graham Feltham together with the Project Office, include:

- a re-assessment by the Administrative Services Branch and Faculties/Schools of the impact on the re-enrolment processes currently in preparation; and
- a full analysis of options regarding alternative strategies for the implementation and their impact on student administration functions.

The two most attractive options for the move to PeopleSoft for 2001 are as follows:

- having captured all 2001 enrolments in SIS this information would be converted to PeopleSoft following the completion of the first DETYA submission in May 2001, from which point the new system would provide full functionality; or
- postpone the implementation until August 2001 and follow the phased delivery approach of the current model but for the 2002 admissions/enrolment cycle and beyond.

Although we lose some of the benefits of having the PeopleSoft functionality available for 2001 enrolments and student fees, there are opportunities which present themselves for using the delay in the rollout to better prepare for the necessary levels of technical support; to complete business process re-engineering in advance of the system being implemented; to review training strategies and super user roles; and to progress some of the other organisational changes which have been foreshadowed.

These issues were discussed by the Executive Steering Committee at its Friday 1 September meeting. A full analysis of the options will be tabled at the next Executive Steering Committee in order to determine the best way forward for the implementation of these modules.

Further updates will be provided as we work through these processes.

IAN CREAGH
Executive Director, Student & Staff Services

RESEARCH GRANTS AND SCHOLARSHIPS
AND OTHER FUNDING SCHEMES

Research Grants & Fellowships

The following is a sample of grant, fellowship and other research funding schemes currently available for application. The complete listing, together with guidelines and application forms for some of the major schemes, are available at: <<http://www.adelaide.edu.au/RB/>>. For hard copy application forms and guidelines for the funding schemes listed below, please contact the Research Branch, ext 35137; email <kelly.parish@adelaide.edu.au>.

Sponsored Programs Information Network (SPIN): SPIN Australia - A database containing current and comprehensive information on over 2,600 government and private funding opportunities. The SPIN web site is accessible via the Research Branch web site.

International Wool Secretariat - Research and Development Projects: Applications may be submitted at any time.

Industry, Science & Resources; Dept of (DISR), Technology Diffusion Program (TDP): This program has three integrated components:

- Technology Alliances (includes Industrial Research Alliances Program),
- Technology Transfer and
- On-line Business.

Further information about the TDP is available from the AusIndustry web site: <<http://www.ausindustry.gov.au/tdp>>.

Lady Davis Fellowship Trust, Israel - Fellowships: Various closing dates. Web site: <<http://www.sites.huji.ac.il/LDFT>>.

Gastroenterological Society of Australia Awards For 2000: Grants, Travel Awards and Postdoctoral Fellowship for 2000 and 2001: Internal closing dates: 29 September and 20 October. Web Site: <<http://www.gesa.org.au>>.

Australian Housing and Urban Research Institute (AHURI) - Project Funding: Draft proposals due 6 October 2000, Final Proposals due 20 October 2000. Proposals to be sent directly to Andrew Beer at Flinders University.

Rebecca L Cooper Medical Research Foundation Ltd - 2001 Research Grants: Internal closing date: 6 October 2000.

The Garnett Passe & Rodney Williams Memorial Foundation Awards for 2001: (for research in Otorhinolaryngology or the related fields of biomedical science). Senior / Principal Research Fellowship, Project Grants, Sabbatical Fellowship, Overseas Research Fellowship. Internal closing date: 6 October 2000

AMRAD Corporation - 2001 Postdoctoral Awards (biomedical): Internal closing date: 13 October 2000. Web site: <<http://www.amrad.com.au>>.

Research Institute of Innovative Technology for the Earth (RITE) - Research Proposals: Internal closing date: 17 October 2000. Web site: <<http://www.rite.or.jp>>.

International Society of Arboriculture Research Trust - John Z. Duling Grant Program: Internal closing date: 18 October 2000. Web site:< <http://www.isa-arbor.com/ISAResearchTrust/duling.html>>.

University of Calgary, The Calgary Institute for the Humanities - Postdoctoral Fellowships 2001-2002: Internal closing date: 23 October 2000. Web site: <<http://www.ucalgary.ca/UofC/Others/CIH/CIHApplication.html>>.

The Ditchley Foundation - conferences: Internal closing date: 24 October 2000. Web site: <<http://www.anu.edu.au/cabs/general/ditchley.html>>.

Australian Academy of Science - Scientific visits to the United States of America, Canada and Mexico: Internal closing date: 25 October 2000.

Web site: <<http://www.science.org.au/internat/exchange/usavis.htm>>.

National Heart, Lung, & Blood Institute, USA - Supplements for Embryonic Cryopreservation of Rats in Hypertension Research: Internal closing date: 26 October 2000. Web site: <<http://www.nih.gov/grants/guide/pa-files/PAR-98-009.html>>.

University of Jerusalem - Golda Meir Fellowships: Internal closing date: 30 October 2000.

Rockefeller University - Rockefeller Archive Centre Residencies and Grants-in-Aid: Internal closing date: 17 November 2000. Web site: <<http://www.rockefeller.edu/archive.ctr/ac.giap.html>>.

University of Cambridge - Corpus Christi College - Visiting Fellowships: Internal Closing Date: 1 December 2000/ Web site: <http://www.corpus.cam.ac.uk/fellowship/visiting_fellow.shtml>.

National Facility Steering Committee Oceanic Research Vessel Franklin - Call for applications for use of Franklin in 2002 and expressions of interest for 2003 and beyond. Internal closing date: 24 March 2001. Web site: <<http://www.marine.csiro.au/franklin>>.

Natural Sciences and Engineering Council of Canada - Visiting Fellowships in Canadian Government Laboratories: Applications may be submitted at any time. Web site: <<http://www.nserc.ca>>.

The Royal Society - International Scientific Opportunities - Fellowships, Study Visits and Joint Projects: Various closing dates. Web site: <<http://www.royalsoc.ac.uk>>. Guidelines and application forms available from <<http://www.royalsoc.ac.uk/ies/ies.htm>>.

Department of Communications, Information Technology and the Arts: Visit the web site - a single point of access to a full range of information and opportunities available (more than 4,500 grants, programs and services). Web site: <http://www.dcita.gov.au>

Boehringer Ingelheim Fonds - Travel Allowances: (biomedicine): Applications may be submitted at any time. Web site: <<http://www.bifonds.de>>.

Australian Spinal Research Foundation: Grants-In-Aid / Travel Grants: Applications may be submitted at any time.

Dairy Research and Development Corporation : Postdoctoral and Visiting Scientist Fellowships: Sponsorships - Conduct/Host Conference: General Training and Development. Applications may be submitted at any time. Web site: <www.drdc.com.au>.

Human Frontier Science Program (HFSP) Organisation - Short-Term Fellowships: Applications can be submitted throughout the year. Web site: <<http://www.hfsp.org>>.

AusIndustry - R&D Start Program: Please contact Luminis Pty Ltd (ext 35020) for enquiries regarding the Program. Web site: <<http://www.ausindustry.gov.au>>.

Water Services Association of Australia (WSAA) - Research Projects: (Previously Urban Water Research Association of Australia). Web site: <<http://www.wsaa.asn.au>>.

Ford Foundation - Grants: Applications may be submitted at any time. Web site: <<http://www.fordfound.org/>>.

Thrasher Research Fund - Scientific Program and Innovative Program Grants: (children's health): Applications may be submitted at any time. Web site: <<http://www.thrasherresearch.org/>>.

Motor Accidents Authority of New South Wales - Awareness/Prevention & Rehabilitation Projects: Applications may be submitted at any time.

Australian Agency for International Development (AusAID) - International Seminar Support Scheme (ISSS): Applications may be submitted at any time.

National Research Council of Canada (NRC) - Research Associateships Program: Apply at any time. Web site: <<http://www.nrc.ca/>>.

National Health & Medical Research Council (NHMRC) - Eccles Awards and Burnet Fellowships: The NHMRC is inviting expressions of interest in the Eccles and Burnet Awards, with no firm closing dates. Web site: <<http://www.health.gov.au/nhmrc/>>.

Scholarships

Unless otherwise indicated, further information and application forms are available from the Student Centre, Level 4, Wills Building. Please lodge all applications with the Student Centre unless otherwise stated.

Adelaide Postgraduate Coursework Scholarships: Available to students intending to enrol in a Masters by coursework at Adelaide University in 2001. Applicants must be Australian citizens or Permanent Residents; have completed four years of tertiary study and have been awarded a First Class Honours or equivalent. Awards are not available to those who will be receiving in 2001 another equivalent scholarship/award to undertake the proposed program. Applicants should apply separately for admission into the proposed course. Closing: 31 October (Student Centre)

Australian Postgraduate Awards/ Adelaide University Scholarships 2001: Available to students intending to enrol in a PhD or Masters by research at Adelaide University in 2001. Applicants must be Australian citizens or Permanent Residents, have completed four years of tertiary study and have been awarded a First Class Honours or equivalent. Awards are not available to those who will be receiving in 2001 another equivalent scholarship/ award to undertake the proposed program. Closing: 31 October (Student Centre).

Cambridge University - Peterhouse - Friends of Peterhouse Bursary: Open to a those who intend to be candidates for a degree at Cambridge, either undergraduate as an affiliated student or to pursue a one or two year taught course as a graduate student. Applications available from Senior Tutor, Peterhouse, Cambridge CB2 1RD. Those wishing to be affiliated students are reminded that applications for places at all University colleges close on 15 October 2000. Information sheet available on request. Closing: 1 April 2001.

Cambridge University - Peterhouse - Research Studentships: Applicants must intend to be candidates for PhD at Cambridge University. First consideration will be given to candidates who nominate Peterhouse as their College of preference in their Cambridge Intercollegiate Graduate Application Scheme form (CIGAS). Applications available from Senior Tutor, Peterhouse, Cambridge CB2 1RD. Information sheet available on request. CIGAS applications and prospectus available from the Board of Graduate Studies, 4 Mill Lane, Cambridge CB2 1RZ. Closing: 1 April 2001.

Canadian Studies Awards: ICCS Graduate Student Thesis/Dissertation Scholarship: \$CAN3,500 for Masters or Doctoral candidates to undertake thesis-related research at a Canadian university for 4-6 weeks.. Further details from Canadian High Commission, Academic & Public Affairs Section, Commonwealth Avenue, Canberra ACT 2600, tel: (02) 6270 4000, fax: (02) 6270 4083, email: <eva.zarka@dfait-maeci.gc.ca> or visit the ACSANZ

Web Site: <<http://www.powerup.com.au/~acsanz>>. Closing: 15 November (ACT).

Commonwealth Scholarship & Fellowship Plan 2001 - UK Awards: Open to Australian students wishing to undertake postgraduate study at Masters or Doctoral level in the UK commencing October 2001. Applicants should hold a bachelors degree or equivalent with upper second class honours or above. Closing: 29 September (Student Centre) .

Fujitsu Asia Pacific Scholarship Program: Applications are invited for the Japan-focussed Executive MBA (JEMBA) and the China-focussed Executive MBA (CHEMBA) programs offered by the University of Hawaii in conjunction with the Japan-America Institute of Management, Hawaii. Applications available from Lynette Taylor (02) 9776 4790 or Petra Gillan (02) 9776 4533 or via the web page: <<http://www.fapsp.com/apprequest.html>>. Closing: 20 October (NSW).

George Murray Scholarship: Open to Adelaide University graduates who wish to undertake postgraduate study or postdoctoral research in approved universities or other institutions outside of Australia. Postgraduate study tenable for up to three years, postdoctoral research tenable for one year. Closing: 31 October (Student Centre).

Gowrie Research Scholarships: When awarding the scholarships, consideration will be made to the character and other activities of the candidates, and special attention shown to lineal descendants of a member of the Forces who was killed on active service or who died as a result of any occurrence which happened during period of enlistment. Value: \$4000 pa. Closing: 31 October (Student Centre).

Health Research Scholarships: Offered by the Department of Health & Aged Care for research into the Quality Use of Medicines in Australia. Application kits can be downloaded from <www.qum.health.gov.au> or requested via email to <QUMEP@health.gov.au>, ph: (02) 6289 7706, fax: (02) 6289 8641 Closing: 25 October (ACT).

National Heart Foundation Postgraduate Research Scholarships 2000 (Non-medical): Open to Australian citizens or permanent residents for full-time postgraduate research studies leading to a PhD at an Australian university. Research should be concerned with cardiovascular function, disease or related problems. Closing: 25 October (Student Centre).

Newman College - Archbishop Mannix Travelling Scholarship: Open to graduates of an Australian university wishing to undertake a postgraduate course at an overseas university. Tenable for two years but may be extended to three years. Value: \$A20,000pa. Preference will be given to graduates of Melbourne University although the award may be made to graduates of other Australian universities. Applications available from The Rector, Chairman, Selection Committee, Newman College, tel: (03) 9347 5577, fax: (03) 9349 2592 or email: <rector@newman.unimelb.edu.au>. Closing: 30 September (Vic)

RSPCA - Alan White Scholarship 2001: Open to full-time students seeking funding for original research aimed at improving the welfare of animals in Australia. The scholarship is not restricted to any particular discipline and applications for all fields of study are invited. Value: \$2,500. Closing: 30 March 2001 (ACT).

Zonta International - Amelia Earheart Fellowship: Open to women of any nationality in an effort to encourage and support women to expand their horizons by pursuing aerospace-related sciences and aerospace-related engineering. Value: \$US6000. Applications and further details may be downloaded from <www.Zonta.org>. Closing: 15 November (USA).