

## Fujitsu contract is a 'major step forward'

A CONTRACT worth US\$50,000 has been awarded to the University of Adelaide's Teletraffic Research Centre (TRC) by United States company Fujitsu Nexion.

Fujitsu Nexion is a manufacturer of ATM (asynchronous transfer mode) telecommunications switches. ATM is the international standard format for telecommunications—all forms of communication, including voice and data, are sent around the world in ATM format.

Under the six-month contract, the TRC will conduct performance analysis of a new ATM transfer

capability known as 'controlled transfer'. It is hoped this new method will improve efficiency of telecommunications resources and prevent loss of data during transfer.

"Controlled transfer gives extremely high performance for the sort of applications that can't afford to lose data," said the co-director of the TRC, Dr Peter Taylor.

"Some applications can afford to lose data—for example, with voice, if you lose a few little bits you can still understand what the person's saying. But other applications, such as data transfers for banking, have to be

absolutely perfect.

"Another difference is that with voice, it has to be sent down the line in real time. Other applications can afford to wait until there's enough room for them to be sent, but they can't afford to lose any data. This controlled transfer capability is designed specifically for those applications."

Dr Taylor said not only would the TRC perform mathematical modelling and simulations to test the performance of controlled transfer, the Centre would also present their findings to Australian and international study groups.

He said the contract from Fujitsu Nexion was a major step forward for the TRC's research efforts.

"This represents a diversification of our research funding away from Australia to a major international company, and also away from telecommunications carriers to a switch manufacturer.

"This will also enable us to build up our skills in representing companies at a national and international level, based on our research. If we do a good job with this contract, we can expect further international recognition."

—David Ellis

## 1998 Australia Prize to Adelaide genetic scientist

GRANT SUTHERLAND, an affiliate professor in the University of Adelaide's Department of Paediatrics, is one of the winners of the 1998 Australia Prize.

Professor Sutherland, Director of the Department of Cytogenetics and Molecular Genetics at the Women's and Children's Hospital, shared Australia's most prestigious science prize for his discoveries in inheritance which have caused a landmark shift in conventional genetic theory.

The prize is awarded to researchers who have promoted human welfare with their outstanding contributions to science and technology. This year the prize was awarded to four researchers in the field of molecular genetics.

Professor Sutherland was honoured for his work in developing methods to allow the reliable observation of fragile sites on chromosomes. These studies culminated in the recognition of fragile X syndrome as the most common familial form of mental retardation.

Cytogenetics laboratories around the world wishing to find fragile X chromosomes had to change their methods for chromosome study following Professor Sutherland's research.

Professor Sutherland, who until last year was the president of the Human Genome Organisation, later demonstrated how an increased number of repeating triplets in the DNA could cause the fragile X mutation.

This new process of mutation explained a number of previously unaccounted-for features of the inheritance of several genetic diseases. More than a dozen genetic diseases are now recognised as having their molecular basis in this novel mutation process and the list is growing.

The other Australia Prize winners were Professor Elizabeth Blackburn, Chair of the Department of Microbiology and Immunology at the University of California, San Francisco; Professor Suzanne Cory, Director of the Walter and Eliza Hall Institute of Medical Research in Melbourne; and Professor Sir Alec Jeffreys, the Royal Society Wolfson Research Professor at the University of Leicester.

Grant Sutherland was made a Fellow of the Royal Society in 1996. In 1997 he was elected as a Fellow of the Australian Academy of Science.

He was also the recipient of an AC in this year's Australia Day Honours.



Instrumentation Manager Bruce Lucas with some of the Glenunga students. Photo courtesy of Civil & Environmental Engineering.

## 'Three Little Pigs' come to campus

TWENTY-EIGHT enthusiastic Year 8 technology students from Glenunga International High School had the chance to put their work to the test when they visited the Department of Civil & Environmental Engineering in March to make use of the earthquake rig.

The students had been working on a technology project around the theme of the "Three Little Pigs" and were looking into various building techniques and their relative strengths. They brought with them six models that had been built from materials ranging from clay to lego. The models were clamped onto

the earthquake rig and subjected to three earthquakes: initially one-half the strength of a 7-point earthquake on the Richter Scale, then two-thirds, and finally the full 7-point quake. To this stage, most of the models were still intact.

Earthquake researcher Dr Michael Griffith, who was supervising the testing, then increased the frequency of shaking until some of the structures failed.

"The students were excited to see how their 'buildings' would react to an earthquake and asked many questions of Dr Griffith," said the Faculty of Engineering's Outreach and Liaison Manager, Jennie Hayes.

Following the earthquakes the students observed tensile testing of two different samples of metals. The students were given the metal samples and graphs that had been produced to take back to their school, where the graphs will be used as part of mathematics classes and the metals samples in technology classes for other students at the school.

"The excitement, enthusiasm and interest shown by the students was wonderful, and stemmed from the time and effort put in by many staff of the Civil & Environmental Engineering Department," Jennie Hayes said.





## A Great Grant

We are now celebrating the award of the 8th Australia Prize. It is the most prestigious scientific award offered from Australia and by no means restricted to Australians. The Australia Prize is an international award given by the Government of the Commonwealth of Australia for an outstanding specific achievement in a selected area of science and technology promoting human welfare.

The University of Adelaide has a long and remarkably close association with the Australia Prize. The inaugural Prize, awarded in 1990 in the field of Biological Sciences related to agriculture and the environment, had as its only Australian winner Emeritus Professor Alan Kerr of our Department of Crop Protection. The next Prize, awarded in 1992, was won by a team including Dr Jim Howarth of Mineral Control Instrumentation Ltd here in South Australia. Jim has been of great assistance to us in applying for collaborative grants. In 1994 the Australia Prize was awarded in the field of sustainable land management to pioneering ecologist Professor Gene Likens, Director of the Institute of Ecosystem Studies at Millbrook, New York. He was the sole winner of the Prize and was nominated by, yes, you guessed it, the University of Adelaide. The 1995 Australia Prize was awarded in the field of remote sensing and among its winners was Dr Ken McCracken, founding Chief of CSIRO's Division of Mineral Physics and a former Professor of Physics at this University. In 1996 the Australia Prize was awarded in the field of pharmaceutical design and among the winners we were very proud to note was Dr Peter Colman, now Director of the Biomolecular Research Institute in Victoria. Peter Colman, of course, is a graduate of this University, completing his PhD with Dr Harry Medlin.

This year's Prize was awarded in the field of Molecular Genetics, and it is particularly appropriate in the year when we celebrate the centenary of the birth of Lord Florey, one of the two graduates of this University to win a Nobel Prize, that someone connected with our Medical School should be one of the recipients of the Australia Prize. Again, we spotted a winner. We (and several others) nominated Professor Grant Sutherland for his discoveries in inheritance, which have caused a landmark shift in conventional genetic theory. Grant is the Director of the Department of Cytogenetics and Molecular Genetics at the Women's and Children's Hospital and is an affiliate Professor of our Faculty of Medicine. Congratulations Grant and thank you on behalf of the University for bringing so much honour to our institution and to South Australia.

More generally, this award provides me with a chance to thank all of our affiliate title holders who often give a great deal, generally for no reward except access to facilities. We are very grateful for these associations with senior people whose eminence lends lustre to this great University.

MARY O'KANE

# COMMENTARY

## THE ACADEMIC BOARD AND THE VICE-CHANCELLOR

The various recent attempts to define the province of the Academic Board, including Pennington's, and including the current one, have all foundered on a confusion as to the distinction between academic and managerial. And lately, with the problem of enterprise bargaining, the issue has been compounded by the entry of 'industrial' into the category stakes.

As to the latter, the distinction is the same one: 'industrial' is the other side of the 'management' coin, and contrasts in an equivalent way to 'academic'. So I shall consider only the academic/managerial distinction.

The distinction is confused whenever it is applied to subject-matters of deliberation. Thus when something is proposed to be ruled out of order in the Academic Board because it has a managerial content, it is implied that it is a subject matter beyond the jurisdiction of the Board. There is no such distinction. Everything that the Vice-Chancellor does is academic; and everything the Board concerns itself with is managerial. The former follows from the fact that it is a University she is leading (were it a brewery everything she did would concern beer). The latter follows from the fact that the Board is not a debating society; that is, every question before it is connected to the running of a real university, the University of Adelaide.

But there is nevertheless a very important distinction between the two. It is a distinction of function, not subject-matter. To take an example, suppose Academic Board declares that it is against fees and conveys that to the Vice-Chancellor. Is it thereby purporting to manage the University? Of course not. It is expressing an academic opinion (by which I mean to describe a function, not a subject-matter) to which the Vice-Chancellor will give due weight. It is an important opinion. If the Academic Board is functioning well it has a much greater store and variety of academic wisdom than any Vice-Chancellor could ever have. But this wisdom is not immediately and clearly connected to exigencies of management: in a practical sense the Board's opinion might be "academic". The Vice-Chancellor, on the other hand, is so connected, and has the responsibility for practical implementation. To follow the example through, if she were to decide that the University could not function at an appropriate level without fees, she would discharge her managing responsibility accordingly. It would not even be necessary to think that there was a conflict in this matter between her and the Board. They would simply have discharged different

by  
**Michael Detmold**  
Law School

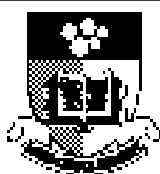
functions; in fact, each might say of the other: yes, if I had had your function I would have decided/done the same.

We can see the confusion in the current working-party report when it recommends that certain managerial matters be ruled out of order in the Academic Board, and that there be a pretty tight control on the movement of matters from the Vice-Chancellor's committee to the Board. A tight control on the prerogative of management is right. But there is no interference with that prerogative by virtue of Academic Board comment. The Board may well comment on management matters. But it is not by that fact managing; that is, there is no confusion of function, no interference with anyone's prerogative. And no problem at all for the relations between the two functions when they respect each other. The confusion here is that it is thought that by dealing with a management subject-matter there is a trespass beyond proper function.

So the point is not to try to limit the subject-matter of issue that can come before the Board; it is to attend carefully to expediting its discharge of function, efficiently relating it to the Vice-Chancellor's management function, and ensuring there is a harmonious relation between the two. On these matters the most important thing has already happened. The Convenor sits in the Vice-Chancellor's committee, and is therefore appropriately placed to bring matters to the Board and to inject Board opinions into the management function. I suggest all we need is some fairly general instruction to the effect that:

The Convenor will bring items of importance and general University concern to the Academic Board for information, discussion and, if it desires, the expression of an opinion.

The Convenor herself has an important responsibility here, which will have to be discharged with independence, tact, a proper constitutional sense, and sometimes respect for confidence. There is no reason to think this will cause trouble. In fact the opposite is the case. The independent judgement of the Convenor in this matter is essential if we are not to descend again into the distrust of a few years ago. There are other matters for the Board, as well—course approvals, for example—but I have in this paper addressed only the main issue of respective constitutional functions. It is this issue, I think, which is causing much concern in the Board.



### ADELAIDEAN

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# Botswana Minister's visit builds on Adelaide links with Africa

BOTSWANA'S Minister for Agriculture visited Adelaide recently to assess the training and education capabilities of the University of Adelaide's Roseworthy and Waite Campuses and to explore technology transfer and trade opportunities.

The Hon. Ronald Sebego MP met with the Vice-Chancellor, Professor Mary O'Kane, and the Head of Agricultural & Natural Resource Sciences, Professor Malcolm Oades, during his visit.

The Division has had an association with Botswana since 1992 when senior lecturer in soil science Iain Grierson was appointed for six months to advise on soil conservation policies for the government of Botswana.

Mr Grierson has since conducted short courses in land capability assessment, soil structural measurements, catchment planning, remote sensing, and GIS.

Professor Oades said the Minister's visit was an opportunity to present the University as a preferred source of academic training, research, short courses and consultancy services in agriculture, specifically for Botswana's needs.

"In particular, we emphasise that South Australia is the best State for dryland farming and rangeland management, water and other natural resource management training, expertise and equipment," he said.

These services are delivered in conjunction with PIRSA, SARDI,



Minister Sebego with Roseworthy students. Photo: Elizabeth Butler.

SAGRIC International and John Shearer Ltd.

The University last year signed an agreement with the Macpherson Consulting Group in Harare, Zimbabwe, to recruit mainly agricultural students in southern Africa.

It currently has four students enrolled, three at Roseworthy in the Department of Agronomy and Farming Systems, and one at Waite in the Department of Soil Science.

"Our objective is to greatly increase student numbers and to explore other areas of mutually beneficial cooperation," Professor Oades said.

"The link with Botswana is an example of the expanding international focus of the University of Adelaide, particularly through areas of world standing such as the Division of Agricultural & Natural Sciences," said Professor O'Kane.

—Anne Lucas

## Medicine set to revamp sixth year curriculum

THE FACULTY of Medicine is implementing a major curriculum change to the sixth year of the medical course, to begin in 1999. Trials have already begun in the Department of Surgery.

The changes will see students given the opportunity of nominating four elective attachments, each of four weeks' duration. Thus the year will consist of a semester of compulsory traditional internship placements, and a second semester of elective attachments.

Students will have the chance to spend time in areas of medicine that are of particular interest to them, and at least one of the elective attachments must be in a rural area.

Feedback from the Surgery trials is reported to be encouraging. In particular, students placed in the rural area have been very happy with their experiences, including their treatment by country medical staff and the wide variety of surgical procedures to which they were exposed.

Many of these students have expressed an interest in returning to rural areas, which for some had not previously been a consideration.

The Faculty is currently seeking proposals for elective attachments from interested groups. For further information, contact Catherine Leahy on 8303 5336, or fax 8303 3788.

## A review for the 21st century

THE UNIVERSITY OF ADELAIDE has begun a review of its Property Services Branch with the aim of positioning the institution as a world leader in managing its physical environment over the next 25 years.

The new Director of Finance and Infrastructure, Mr Tony Siebert, will convene the Review Panel, which also includes Council member Ms Jane Jose, the Director of Facilities and Services at Monash University, Mr John Trembath, and Mr Wayne Stokes, Managing Director of NL Stokes Pty Ltd and Chair of the Land Management Corporation.

Submissions are now being invited from Divisions, to which staff will be able to contribute, but interested individuals are also invited to make personal submissions. The closing date is Friday 22 May. (See Bulletin Board for terms of reference and other details.)

The Review is taking place in the overall context of the University's Strategic Plan, and its vision of creating an "excellent, accessible and sustainable", world-leading physical environment for teaching, learning and research by the year 2022.

Last year, as part of that vision, the Vice-Chancellor established a new Buildings, Sites and Space Committee to advise her on the interrelationship between the development of the University's strategic goals in teaching, learning and research and its physical fabric and associated services.

"Good property management is central to this development, and it's important that we position ourselves to be able to carry out that role effectively," Mr Siebert said.

The responsibilities of the Property Services Branch are undoubtedly complex. The University has four campuses on which there are some 300 buildings of different sizes, construct and age, grossing approximately 300,000m of floor area. Four of its buildings have heritage status, and a number are relatively old.

In all, the University has land holdings of around 2,000 hectares, with a further 70,000 hectares of farming land.

With some 2,500 staff and around 14,000 students, it is really like a small city.

In recent years, Property Services has been moving to improve its service delivery and eliminate wastage in the management of this vast portfolio.

It has worked to foster an environment of continuous improvement and greater levels of all staff participating in formulating and implementing procedures and work instructions.

"In this context, it's an appropriate time to have a Review, to enable us to consolidate and build on the good work that has already been achieved," Tony Siebert said.

—John Edge

## NEWS IN BRIEF

### TOP SURGERY AWARD

Professor Guy Maddern, RP Jepson Professor of Surgery, has been awarded the Royal Australasian College of Surgeons John Mitchell Crouch Fellowship for 1998.

The \$45,000 Fellowship is the College's highest research award. It is made to an individual who in the opinion of Council is making an outstanding contribution to the advancement of surgery and must be used to assist continuation of this work.

Professor Maddern will use the Fellowship to further the development of new techniques for the management of hepatic metastatic tumours, and continue with the development of efficient surgical practice within the public hospital sector.

### LAW WEEK PANEL

Who studies law and why? How do we train lawyers? Where do law students go after Law School? What do lawyers do? Do we need lawyers?

Answers to these questions and more will be available at a panel staged by the University's Law School as part of its contribution to Law Week (15-22 May).

The panel takes place on Wednesday 20 May between 5pm and 6pm in Lecture Theatre 2, Ligertwood Building. A group of academics and students will be available to answer questions about the study of law and the role of law graduates in today's society. All welcome. For further details contact Sarah at the Law School on 8303 5545.

### LIBRARY BOOKS SALE

The University of Adelaide Library will hold its first book sale on Tuesday 26 May from 9am to 5pm, in the Ira Raymond Exhibition Room, Barr Smith Library. 2000 books and journals on a wide variety of subjects, hardback and paperback, in English, French and German, will be offered at bargain prices—most under \$10 and many for \$1 and \$2.

Most of the books for sale are those donated to the Library which duplicate titles already held, or which do not come within the Library's collection guidelines. The donors have all generously agreed that the Library may dispose of their gifts as appropriate, and the books are now being offered to the University community, with all funds raised to be used for the purchase of new books.

### HENNEBERG ON EVOLUTION

The 1998 series of Inaugural Lectures sponsored by the Vice-Chancellor, Professor Mary O'Kane, begins on 15 May and runs to 3 July on Fridays at 1.15pm in Napier Theatre 102.

Professor Maciej Henneberg, the Wood Jones Professor of Anthropological and Comparative Anatomy, will head off this series on Friday 15 May.

His lecture, entitled "Human evolution is not a theory about the past: it happens now", explores changes in human morphology through time—such as reductions in brain size and loss of muscle mass—and how the occurrence of these phenomena relates to changing opportunities for natural selection. Professor Henneberg suggests that a further increase in human anatomical variation in the future can be predicted.

On Friday 22 May, Professor Robin Graham from Plant Science will talk about a new alliance between the agricultural and health sciences.



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## Statistics in the Workplace

The Statistical Consulting Group in the Department of Statistics is again offering this popular introductory course on statistical methods. It is ideally suited for postgraduate students, preferably at the early stages of their research, and a subsidy by the University gives them a very much reduced fee.

The emphasis is firmly on applications and understanding the ideas, with a focus on identifying the problem, asking the right questions, and collecting the right data to answer the question, as well as analysing the data.

**The course will run for 10 sessions, Monday and Wednesdays mornings, commencing 15 June. Each session will involve two lectures, a tutorial and a hands-on computer session using Excel. The course will be led by Professor Richard Jarrett.**

For more information, costs and a brochure, contact the Secretary, Faculty of Mathematics & Computer Sciences on 8303 5030.

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# Fruitful Mexico visit for CRC leaders

**PROGRAM LEADERS** and key researchers from the Adelaide-based CRC for Molecular Plant Breeding have recently completed a successful visit to CRC partner, the International Maize and Wheat Improvement Centre (CIMMYT) in Mexico.

CRC Director Dr Bryan Whan, Research Director Dr Peter Langridge, Professor Geoff Fincher and Professor Robin Graham were joined by SARDI's Dr Hugh Wallwork on the visit.

Professor Fincher and Dr Wallwork lead the CRC's Program 1 on Disease Resistance, while Professor Graham leads Program 3 (Abiotic Stress.)

CIMMYT is a core participant in the CRC and is committed to helping alleviate poverty in developing countries and enhancing sustainable food security through partnerships in agricultural research and development.

Its wheat breeding program is the largest in the world and has had a profound influence on food security in developing countries. CIMMYT germplasm is also a very important source of genetic variation for Australian breeders, and several Australian wheat varieties have been direct imports from the

CIMMYT program.

Australia has had a long association with CIMMYT, through funding and also many staff who have been trained in Australia. CIMMYT's current Director, Tim Reeves, was an Adelaide University staff member.

"The visit to CIMMYT by the Program Leaders was very successful," said Dr Langridge. "The first couple of days was spent at the El Batan headquarters where Tim Reeves gave an overview of CIMMYT and discussions followed with various groups involved in information technology, software development, maize improvement, economics, apomixis, genetic engineering and molecular markers.

"We then travelled to Obregon, and spent time in the field looking at the programs on bread and durum wheat, triticales, disease resistance, nutrients, agronomy and physiology."

Dr Langridge said the extent of the program and the way it has been focused on important issues were very interesting.

"There is some interesting new germplasm coming through the program, in particular the new wheats derived from the synthetics

involving *Triticum tauschii*," he said.

The visit culminated in a meeting which involved most of the CIMMYT researchers to discuss how CIMMYT and the Australian research organisations could complement each other most effectively as partners within the CRC.

"CIMMYT and the Australian organisations have different strengths, and the challenge of the CRC is to bring these strengths together in a complementary way which will add value to all partners," said Dr Bryan Whan.

"The objectives of the current research programs were presented, and areas of interest to CIMMYT identified, as well as a number of possible new initiatives.

"It was a most fruitful and positive meeting, and will serve as a useful starting point for the CRC's Strategic Planning exercise in May."

For more information about the CRC for Molecular Plant Breeding contact Dr Donna Murray, Education Officer, CRCMPB, Waite Campus, University of Adelaide, Glen Osmond, SA 5064, e-mail: <crcmpb@waite.adelaide.edu.au>.

# Study warns on economic/social impact of ETSA sale

A MAJOR STUDY into the State Government's proposed ETSA sell-off has warned that South Australian taxpayers will be worse off if ETSA is sold for anything less than \$7 billion.

The study—by Professor John Quiggin from James Cook University's Department of Economics and Mr John Spoehr from the University of Adelaide's Centre for Labour Research—examined the likely social and economic impact on South Australia as a result of the ETSA privatisation.

In a report of the study's findings released last month, Professor Quiggin and Mr Spoehr argued that the sale of ETSA would cut off a substantial flow of income to the public sector and would most likely entail a huge loss to the State in the first 10 years following privatisation.

It also claimed a prior analysis conducted by former Auditor-

General Tom Sheridan had undervalued ETSA's worth to the South Australian economy.

"The Sheridan report grossly overestimated the potential income from sale of ETSA by failing to take account of the statutory sales levy and retained earnings, as well as undervaluing interest payments," Mr Spoehr said.

"The net result of this is that ETSA would have to be sold for around \$7 billion for the sale to be of any benefit to the taxpayer at all.

"If ETSA is sold for \$5.5 billion, as anticipated, taxpayers will be \$660 million worse off at the end of 10 years than they would have been if ETSA were retained in public ownership," he said.

The study also examined the experience overseas from privatisation. In Britain, for example, domestic electricity tariffs rose by 28% during

1989-91. The rise was 4% above the rate of inflation and occurred despite a significant drop in the price of coal. A similar picture emerged from the corporatisation of the electricity industry in New Zealand, and in Victoria consumers have been hit with increased fees and charges since privatisation in 1995.

"Experience in the United Kingdom, New Zealand and Australia has shown that the long-term losses to the public sector from privatisation greatly exceed the once-off sale of proceeds, even where these are used exclusively to repay debt," Mr Spoehr said.

"Our analysis shows that a similar outcome can be expected from the privatisation of ETSA."

The study was commissioned by union organisations—the ASU, CEPU, PSA and UTLC.

—David Ellis L to R: John Quiggin and John Spoehr. Photo: David Ellis



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# Cultural perspective builds ties

A NEW APPROACH to German Studies in Germany is helping to strengthen ties between the universities of Adelaide and Hamburg.

Earlier this year, the University of Adelaide's German Studies Discipline (part of the Centre for European Studies) played host to a Distinguished Visiting Scholar, Professor Ortrud Gutjahr.

Professor Gutjahr was recently appointed Professor of German Literature & Intercultural German Studies at Hamburg University.

Because of the European Union, Hamburg has been expanding its links with other universities in the European region. It already has links with a number of overseas universities and, on Professor Gutjahr's initiative, is looking to extend these to include Australia.

"I was first here in Adelaide four years ago, also as a Distinguished Visiting Scholar, and I enjoyed my stay and interaction with

the staff and students very much. Since then we have developed closer ties, and hence my particular interest in establishing exchange programs with Adelaide," Professor Gutjahr said.

During her visit to Adelaide, Professor Gutjahr held lectures and seminars on German language and literature. She also presented two research seminars on "Intercultural Studies" from a German perspective.

By including non-German perspectives on German culture and employing interdisciplinary approaches, Intercultural German Studies aims to shift the focus of traditional literary studies, to contribute to a critical re-evaluation of aspects of German culture and to promote intercultural understanding.

The Adelaide-Hamburg link will provide a further opportunity for staff and student exchange with Germany.

"To study German, you



Professor Ortrud Gutjahr—Photo: David Ellis

really have to understand the social, historical and cultural context of the country.

"In the end it is the language which gives you access to the cultural context," Professor Gutjahr said, "but in future more courses may be made available to international students in English."

As part of the Hamburg-Australia exchange Professor Gutjahr is planning in 1999 to publish a bilingual volume on Australian-German relations, and it is hoped that this will lead to further research collaboration between the two countries.

—David Ellis  
—Judith Wilson

# Kaurna language link to German research



Rob Amery and Reinhard Wendt with copies of the recovered Kaurna texts. Photo: David Ellis

KAURNA LANGUAGE researchers at the University of Adelaide have been able to build on their invaluable collection of materials written in Kaurna thanks to links with an overseas historian.

Dr Reinhard Wendt from Freiburg University in Germany visited Adelaide recently to hand-deliver two letters and pages from a copy book written by Kaurna Aboriginal children in the 1840s.

These materials are some of the only existing texts written in the Kaurna language and are vital for University of Adelaide efforts to restore and teach the lost Aboriginal language.

Kaurna was the language of the people of the Adelaide

Plains. Its last known fluent speaker died in 1929. In recent years there has been a strong movement to revive the language—a new subject on Kaurna language and language ecology was last year established within the University of Adelaide's Discipline of Linguistics.

"Until now, the only Kaurna religious texts available to us were six German hymns translated into the Kaurna language and the Ten Commandments," said Mr Rob Amery, associate lecturer in Linguistics and coordinator of the Kaurna language subject.

"The page of 'Biblical truths' from Kartanya's copy book is an important addition. The two letters and that one page of the copy book are three of just

five surviving texts which were produced by Kaurna people themselves. The revival of Kaurna is based on those historical materials, and this new material represents a fair slice of what we know of Kaurna texts.

"It's highly significant for Kaurna people to be able to see the way in which their ancestors picked up literacy so quickly, the skill in writing in such a short period of time. They've been really fascinated to see this kind of material," he said.

The letters and copy book page were written by two young Kaurna boys and a girl at an Adelaide school run by German missionaries in the 19th century. The material was sent back to the mission authorities in Dresden, and then later to Leipzig when the mission society changed its headquarters.

"This was very fortunate given that Dresden was later firebombed during World War Two," Mr Amery said. "Otherwise those materials could have been lost forever."

The Kaurna materials were kept hidden during both the Nazi and Communist periods in Germany. They were finally retrieved this year by Dr Wendt, who acted on information supplied to him by the Adelaide researchers.

*The subject "Kaurna Language and Language Ecology" starts again next semester and is available as a community access course. Classes are scheduled for Thursday evenings, 5.00-8.00pm. Contact Rob Amery on 8303 3405 or 8303 5638.*

"The materials were hidden and stored in a cellar, where some of the boxes are still sitting waiting to be unpacked," Dr Wendt said. "There could be a slight chance that more materials will be discovered, and there are still some materials that we are looking for."

Dr Wendt, from Freiburg's Department of History, has been collaborating with Adelaide's Foundation Professor of Linguistics, Peter Mühlhäusler, on research involving German missionaries and their impact on the cultures of indigenous peoples.

"My interest is in learning about the intercultural exchange started by the missionaries—learning languages, getting access to cultures, reporting on those cultures, forming the image of the non-European world back in Europe, in Germany," Dr Wendt said.

"This work brings together our different expertise. I can profit from the linguistic expertise here in Adelaide, and I hope that I can bring to the research project some historical knowledge about the missionaries."

Dr Wendt, who was in Adelaide two years ago, said the collaboration between Adelaide and Freiburg universities was a "fruitful cooperation".

—David Ellis

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These entrance scholarships, awarded by the Council of Governors, commemorate Walford's centenary in 1993. All enquiries are welcome, especially for entry to Years 5, 8 and 10 where limited vacancies exist.

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Applications close Wednesday 20 May 1998.

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Monday 11 May at 9.30am or  
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Walford Anglican School for Girls  
316 Unley Road, Hyde Park 5061  
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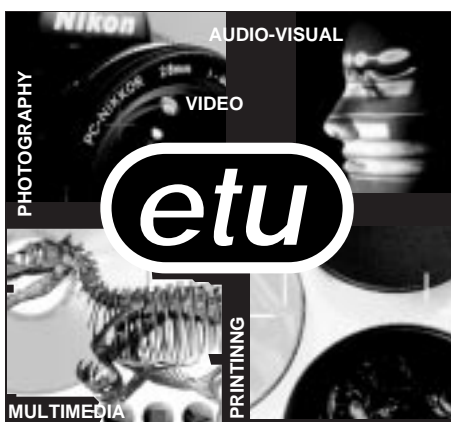
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## Good response to Golden Key Chapter invitation

MORE THAN HALF of the University's top 15% of students, some 700, have signed up for the University of Adelaide Chapter of the Golden Key National Honour Society. Many of them will gather with their families in Bonython Hall on Thursday 14 May for a reception to induct the new members.

The Vice-Chancellor, Professor Mary O'Kane, will address the reception, as will Golden Key's Director of International Development, Mr Mark Herndon.

It is also expected that the winners of three undergraduate awards of around \$600 each will be announced.

The Golden Key Society was founded at George State University in 1977 by a group of outstanding undergraduates to recognise and encourage scholastic achievement and to develop a strong community service ethos. It has now grown to over 260 chapters at colleges and universities in the United States, Puerto Rico, the Virgin Islands, Australia, Canada and Malaysia.

Membership of Golden Key is by

invitation only, is based purely on academic merit, and is limited to the top 15% of bachelor degree students who have completed at least one year of study.

The Society has an active program of awards for both undergraduate and postgraduate students, as a tangible way of recognising outstanding academic achievement. So far, more than \$US2 million has been disbursed in the form of scholarships to students around the globe.

Golden Key chapters are student-run, but each chapter also has an academic advisor who provides guidance for chapter programs and activities and assists the executive committee and members. The Deputy Vice-Chancellor, Professor Doug McEachern, is the Advisor for the University of Adelaide Chapter.

Further information on the Golden Key Society is available at <<http://gknhs.gsu.edu/>>. Information on the Adelaide Chapter is available from Andrew Starcevic, 8303 5902, email <[astarcevic@registry.adelaide.edu.au](mailto:astarcevic@registry.adelaide.edu.au)>

—John Edge

## Women in Physics

AUSTRALIA'S first international Women in Physics lecture series begins this month.

Featuring a world expert in the field of computational particle physics, Dr Christine Davies, the lectures are to be held in capital cities around the nation.

Called "Gluons and Gigaflops", the lecture will describe how the amazing power of supercomputing technology is being used by theoretical physicists to look deep inside the nuclei of atoms.

Constituents of the protons and neutrons that make up the nucleus can be simulated on these computers, enabling scientists to calculate the masses and properties of the protons and neutrons themselves.

Dr Davies is a Reader in the Department of Physics & Astronomy at the University of Glasgow. She collaborates regularly with physicists throughout the US and the UK.

The lecture series is sponsored by the Australian Institute of Physics and is aimed at recognising the contribution of women to advances in physics, as well as raising the profile of physics and women in physics, particularly among students at high school and university.

The Adelaide lecture will be held on Tuesday 26 May, at 7.30pm in the Flentje lecture theatre. For more information call (08) 8303 5316.

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**5UV<sup>531</sup> News**

- 5MBS has been given another 12 months temporary community broadcasting licence but on the new frequency of 101.5MHz.

News, too, about the conversion of 5UV to FM. The Australian Broadcasting Authority will be publishing its draft licence Area Plan for Adelaide by the end of this year. From that we'll know whether 5UV will be allowed to convert to FM. If so we'll be on FM and AM for a period of transition—possibly twelve months.

- The Aboriginal radio station 5PY, part of PY Media, had its official launch on Friday 8 May at Umuwa in northern South Australia. 5PY's team have been training at 5UV since the beginning of 1997. Chair of ATSIC, Gatjul Djerrkurra, officiated and the ABC's Julia Lester broadcast her morning program from the area.
- 5UV's Training Coordinator Deb Welch leaves this week to take up a senior position at 8KIG in Townsville. In her five years in the position Deb and her team have further increased 5UV's reputation as the best training environment for broadcasters in the country. 5UV has appointed an Aboriginal Small Business Trainee, Tate Omond, and a multi-media trainee, Luke Ballard—further cementing the station's key role in training.

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# Eminent ecologist leaves a lasting legacy

INTERNEED by the Japanese in Changi prisoner of war camp, Tom Browning survived World War II to become the first graduating PhD at the University of Adelaide, and an eminent zoologist and ecologist.

His speciality was the ecology and physiology of insects, for which he has an international reputation. He had a deep interest in the arid areas of Australia where he conducted much of his early research on the ecology of kangaroo ticks, and was a strong exponent of such ideas as "sustainable development" and "biodiversity", long before these became buzz words of the 90s. As a university teacher, he was both dedicated and passionate, and his occasional abrupt manner belied a deep concern for the well-being of his students.

In addition to academic life, he was also influential in the "The Peace Movement", vigorously protesting the British nuclear tests at Maralinga, and later the war in Vietnam. He was an avid patron of the arts and was instrumental in developing Adelaide University's art collection, being responsible for acquiring some of its most significant pieces.

Born at Maitland, South Australia, on 26 January 1920, Thomas Oakley Browning moved to Sydney with his parents at the height of the depression in 1929. There he attended Kings School at Paramatta where he excelled at sports and distinguished himself academically. He started a BSc at the Uni-

versity of Sydney but enlisted in the AIF before completing his first year. With the rank of sergeant he was stationed in Singapore with the 2/18 battalion, who fought a rear guard action against the Japanese before the fall of the island. His exceptional conduct during that campaign was later mentioned in dispatches. Interned in Changi, he attempted to escape with several other men, but unfortunately the small boat they stole sank. For some inexplicable reason, on being recaptured by Japanese soldiers, they were not shot, as was the standard fate for escapees.

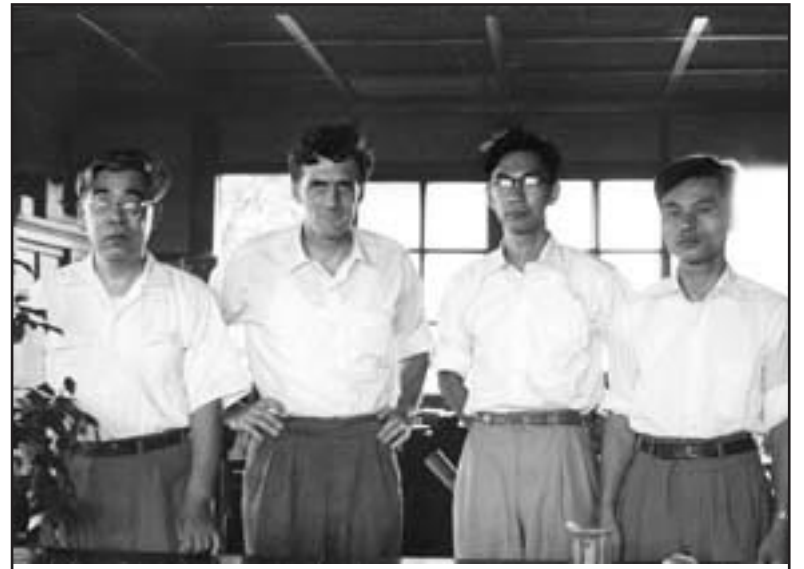
At the end of the war he returned to Sydney in poor physical condition, but within a few months he had become engaged to Janet Mary Goode, who he married on Valentine's Day 1946, and had recommenced his studies at Sydney University. He graduated BSc in September 1948, then moved to Adelaide where he achieved first class honours in zoology. Soon after, he enrolled for a PhD in zoology under the guidance of Professor HG Andrewartha, and studied the ecology of field crickets, which were an important agricultural pest in South Australia.

Graduating in 1951, he was awarded a Nuffield Foundation Fellowship and spent a year at Cambridge University. He returned to Adelaide and took up a lecturing position in zoology. The following ten years were arguably the most stimulating period for ecological research in Australia.

The ecologist Charles Birch from Sydney and the geneticist Michael White from ANU were regular visitors to the Zoology Department, where Andrewartha and Browning were avidly working on factors that regulate the size of animal population.

During the 1950s he was an active anti-nuclear campaigner, and his letters to newspapers protesting the British Maralinga tests earned him a personal visit from ASIO. He was a member of the Scientific Committee of "The Peace Movement", representing them at meetings in Japan, where he struck up a close friendship and long-term collaboration with Dr Sinzo Masaki. In 1963 he was appointed to the Chair of Entomology at the Waite Agricultural Research Institute, a position he held until retirement in 1983. During this time his research focused on the physiology of insects but always with a view to providing a clearer explanation of their ecology. During the early 1970s he was instrumental in changing the University's appointment procedures for Heads of Departments, from one permanently occupied by the Professor to being an elected fixed-term position. This became known in some quarters of the University as the "Browning Plan".

In pursuing his research he received numerous distinguished fellowships and visited universities in the USA, Japan, France and the UK. He was Research



Members of the Scientific Committee including Tom Browning and Sinzo Masaki at The Peace Movement conference, Japan 1957. Photos courtesy of Browning family.

Director (external) to the International Centre for Insect Physiology & Ecology in Nairobi from 1971-77, and a member of the Australian Research Grants Committee from 1977-80 (now the ARC). At the time of his retirement he was President of the Australian Entomological Society, and soon after chaired the Environment Protection Council of South Australia. Although he maintained a strong interest in science during retirement, much of his attention turned to other pursuits, particularly the arts and his love of woodcarving.

Tom died in Adelaide on 9 April, aged 78, and is survived by his wife Janet and children Denby and Anni. His legacies are many but probably the most long-lasting are the generation of students he

trained, many of whom are now highly placed in universities and government research organisations throughout Australia.

—Assoc Prof Andrew Austin  
Department of Crop Protection

## Emeritus Professor T.O. Browning

26-i-20 — 9-iv-98

Janet, Den and Anni invite Tom's friends and colleagues to join them at Urrbrae House, Waite Campus (entry from Fullarton Road) on Friday 15 May any time between 4.30pm and 6pm in memory of his life.

## Singapore Alumni 4th AGM

The 4th Annual General Meeting of the University of Adelaide Chapter of Australian Alumni Singapore is to be held on Friday, 29 May 1998 at 7.00pm at the Dalvey Room, NUS Guild House, 9 Kent Ridge Drive, SINGAPORE 119241. The meeting will be chaired by Mr Michael Khor JP, Chapter Chairman.

After the AGM, a buffet dinner will be held at the same venue at 7.30pm, to be followed by a talk by Mr Michael Abbott QC. The title of his address is, "The Getting of Wisdom—Realities and Ideas for a New World."

This is the theme of the Convention to be held in Adelaide in October this year, which is to be hosted by the three universities in South Australia. As Chairman of the Convention, Mr Abbott will give a general briefing on what the four-day meeting hopes to achieve, as well as all para-conference activities inclusive of reunions of individual universities and their respective chapters, and pre/post-convention tours and visits.

All Adelaide alumni in Singapore and any staff members who may be visiting are welcome to attend. The cost will be \$28 per person. Contact the Secretary, Dr Richard Yung, on 65 468 5365

## Victoriana Evening: an episode in colonial taste



BRIAN ANDREWS, the speaker at the Evening of Victoriana at Ayers House on 26 May, is a fortunate man.

He and his family were my next-door neighbours some years back—and a very agreeable one. He has an Honours degree in Electrical Engineering, and at that time he had a position of some responsibility with the DSTO, and every now and then would be off to an international conference in Geneva or Montreal or somewhere.

I discovered quite soon, though, that he had a passion for architecture, and particularly the architecture and the decorative arts of the Gothic Revival. Alongside the responsibilities of a demanding job and a family with teenage children he was also a leading scholar of the Gothic movement in Australia. In the intervening years he

has successfully negotiated the transition from the career of a public servant to the service of his passion: he is now full time an architectural historian and consultant—and appears to be working even harder than he was when commuting daily from the Adelaide Hills to Salisbury, and working on the Gothic only in his spare time.

That is why I call him fortunate: the passion has become his career.

Brian was the curator of an exhibition, 'Gothic in South Australian Churches', at the Flinders University Art Museum in October 1984, soon after we first met. What impressed me particularly was the range of the material displayed. There were architectural drawings and photographs from many places and various denominations, but there were also sketches of pew-ends, church banners, and colour slides of stained glass. Many beautiful objects had been borrowed—candlesticks, chalices, splendid vestments, or copybook patterns of gothic lettering—so that an impression was given of the whole area of taste of Victorian society, not just the buildings which housed it. The catalogue was elegant and well illustrated, and its text (I quote Joan Kerr of the Power Institute) showed "exemplary scholarship, readable and passionate".

Ten years later Brian was a contributor to the exhibition 'Pugin: a Gothic Passion' at the V&A Museum in London and wrote the article 'Pugin in

Australia' for the accompanying book. In the same year, 1994, he was awarded the Minister's Prize for his contribution to the work of the Defence Science Technology Organisation. In 1996 he won a Churchill Fellowship, and went to Central Europe to study the antecedents of the Barossa Valley's early Lutheran churches. He is currently working for the Anglican Diocese of Adelaide, and the Catholic Archdiocese of Hobart, and a big book on Australian Gothic is with the publisher.

From Brian's Talk at Ayers House we may expect profound scholarship and passion for his subject, and it will be carried lightly and with wit. His illustrated lecture will provide the climax of a memorable evening: food for the body from the Ayers House kitchens, for the spirit from the musicians, and for the intellect from Brian Andrews, and all of the highest quality.

—Tim Mares  
Chair, Cornell Chapter

### An Evening of Victoriana

**When:** Tuesday 26 May at 7.30pm

**Where:** Ayers House

**Cost:** \$50 per person for three-course dinner with pre-dinner champagne and bottled wines.

**Bookings:** Ms Kinga Gasiorowski at Alumni House, tel 8303 4275.



# FACES OF ACHIEVEMENT

## ON CAMPUS

### 'Great opportunity' pays off at graduation



Sonja Kurtzer pictured with her mother and daughter after her graduation.  
Photo: David Ellis

THE YEARS of hard work have finally paid off for Sonja Kurtzer.

Not only has she graduated at the University of Adelaide with a Bachelor of Arts, she also achieved the highest academic result in her final year in Women's Studies.

Ms Kurtzer, one of five Aboriginal people to graduate at last month's commemoration ceremonies in Bonython Hall, received the International Soroptimists Association Prize for her outstanding academic result.

For much of her undergraduate work Ms Kurtzer explored issues of race and gender, such as perspectives in sexualities in women's biographical writing, and the impact of colonisation on indigenous men and women.

"I had a very strong interest in anthropology, but I was drawn to Women's Studies because it offered me a good opportunity to concentrate on the issues I was most interested in—in particular, power and equality," Ms Kurtzer said.

She said she was very proud to have received her degree, which involved juggling part-time study, work at Wilto Yerlo (the University's Aboriginal and Torres Strait Islander Programs) and taking care of three children.

She hoped to go on to further study next year, having taken a year off to work on some special projects for Wilto Yerlo.

"The staff at Wilto Yerlo and Women's Studies have been very supportive," Ms Kurtzer said. "But I guess my biggest inspiration and support has been my mother."

"In school she was always telling me: 'you've got to get a good education'. Even when I didn't want to study, she encouraged me to go on. So I owe her a lot for that—it was really worth it. I'd definitely encourage Aboriginal and Torres Strait Islander people to study at university, because it's a great opportunity."

—David Ellis



ABOVE: PNG PIONEER—Papua New Guinea's deputy Solicitor-General, Mr Bonny Ninai, graduated Master of Laws (Corporate & Commercial) on Wednesday, 29 April. He is believed to be the only PNG student to have graduated from the University of Adelaide with a Master of Laws. Mr Ninai said he wanted to continue his study of law, despite working in the profession for many years. Many of his family attended the graduation.

RIGHT: SECOND TIME AROUND—Mekondjo Kaapanda graduated last year with a Bachelor of Arts in Politics. This year she received her degree with Honours. A recipient of the John F. Kennedy Memorial Scholarship, Ms Kaapanda is the daughter of Namibia's High Commissioner in New Delhi. Her parents, Joel and Rauna Kaapanda, also graduated in Arts at the University of Adelaide in the early 1990s.



ABOVE: AN EMOTIONAL TIME—Intensive Care nurse Susan Woods celebrates graduation day with her husband and son. Ms Woods, who works at the Repatriation General Hospital's Intensive Care Unit, received a Graduate Diploma in Intensive Care Nursing on Wednesday, 22 April. She was one of 23 students from the University's Department of Clinical Nursing to receive the graduate diploma.



RIGHT: ENGINEERING QUARTET  
Engineering students (from left) Tony Waters, Ross Arnold, Beth Pettrey and Adam De Ruyter graduated with a Bachelor of Engineering in Mechanical Engineering on Monday, 27 April.



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**MEDINDIE GARDENS:** Share accom in lge house with dog & cat. Suit

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**NORTH ADELAIDE:** Federation style 2 storey townhouse, 1 of a pair, 3 br (b-ins) main with wir, lge 2-way bathroom, ducted air, balcony, lock-up garage, rear courtyard, very private, avail now. Length/rent neg. Ph/fax 8265 3485.

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## ADELAIDEAN CLASSIFIED

#### FOR SALE

**BUILDING MATERIALS:** Approx 400 S/H Eureka Ballarat roof tiles @ .75c ea. Approx 500 new bricks (commons) @ .25c ea. Ph Stephen 8303 5467 or 8361 2835 (ah).

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**COMPUTER:** Notebook, Compaq, colour 486, 8MB RAM, 120 MB HD, carry case, Windows 95, Microsoft Office, Word 6, Excel 5, Powerpoint. \$700. Ph 8297 1848 (after 8pm).

**COMPUTER:** Pentium 90,

24 MB RAM, 850 MB HD, CDROM, soundblaster, 15" monitor, fax modem, printer, Windows 95, Microsoft Office 97. \$1,100 ono. Ph 8297 1848 (after 8pm).

**FORD LASER:** KE, 1988, 4 door hatch, excellent cond, very reliable. UOO 029. \$6,500 ono. Ph 8265 2928.

**HOUSE:** Salisbury - Solid brick, 3 br all with b-ins, polished jarrah floorboards, modern kitchn, set on lge corner block with trees & cottage garden. Public transport within walking distance. \$72,500 ono. Ph Garry or Athena 8266 7726.

**HOUSE CLEARANCE SALE:** Furniture, bedding, cookware, china, electrical goods, etc. Ph 8265 2928.

**MASSAGE CHAIR:** Niagara Cyclo, for back, seat & feet, b-in heater, mustard upholstery. Ph 8267 1898 (after 9pm).

**MISC:** 2 berber recliner chairs, \$100 ea. Sanderson print 3 seat sofa bed, \$250 ono. Ph Wendy 8291 4134.

**MISC:** Rocker, \$10. Yoyo, \$15. Pram, \$25. Capsule, \$50. Baby car seat, \$25. Oil heater with dryer, \$60. Sharp video, \$120. Vertical electric bbq, \$10. 50sqm carpet, \$150. 2 single seat leather lounge chairs, dark green with matching coffee table, \$35. Single bed, \$15. Ph 8303 5043.

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# Bulletin Board

MAY 11, 1998

THE UNIVERSITY OF ADELAIDE

PAGE 1

## MONDAY 11 MAY

- 12 noon Plant Science Seminar:** Setting the nutritional agenda for agricultural research: An update by Professor Robin Graham (Plant Science). Charles Hawker Conference Centre, Waite.
- 1.00pm Clinical & Experimental Pharmacology Seminar:** Cardiovascular effects of edible oils and antioxidants by Dr Mahinda Abeywardena (CSIRO Division of Human Nutrition). Seminar Rm, Level 6, Medical School Nth.
- 1.10pm History Staff/Postgraduate Seminar:** Soccer, spies and strudel: Croats in South Australia since World War II by Dr Vesna Drapac (History). Common Room 420, 4th Floor, Napier.
- 1.10pm Public Health Seminar:** Policy development for a baby friendly environment by Mrs Ellen McIntyre. Seminar Room, Level 6, Bice Bldg, RAH.
- 2.15pm English Staff/Postgraduate Seminar:** Postcolonial Studies: Global Culture, Local Identity and Post-Colonial Transformation by Dr Bill Ashcroft (Senior Lecturer, University of NSW). Room 618, Level 6, Napier.
- 4.00pm Crop Protection Seminar:** Molecular genetics of host manipulation and competition in an insect parasitoid system by Mr Markus Beck (PhD student). Lecture Room 1, Teaching Wing, Waite.
- 4.15pm Geography Seminar:** Population movement in Australia: comparing temporary and permanent migrants by Dr Martin Bell (Geography). Room 819, 8th Floor, Napier Building.

## TUESDAY 12 MAY

- 1.10pm Anatomical Sciences Seminar:** Cellular biology of ovarian follicles by Dr Ray Rodgers (Medicine, Flinders University). Room S127, Medical School, South Wing.
- 3.15pm Anthropology Seminar:** Sheep Farming in the European Community: The borders and rural by Dr John Gray. Rm 405, 4th Flr, Schulz Bldg.
- 5.30pm Social Inquiry / Centre for Labour Research Seminar:** The meaning of the waterfront dispute: an analysis of the waterfront dispute and its significance for Australian industrial relations, presented by Social Inquiry staff. Kerr Grant Lecture Theatre, Physics.

## WEDNESDAY 13 MAY

- 10.10am Electrical & Electronic Engineering Seminar:** Psychological Approaches to the Representation of Information by Michael Lee (DSTO). Lecture Room S112, Engineering South.
- 12.30pm School of Pharmacy and Medical Sciences Seminar:** Biotechnology: from Bedside to Barnyard by Dr Cynthia Bottema. Room 058, FW Reid Building, Frome Road, UniSA.
- 1.00pm Zoology Seminar:** The book: an endangered species by Mr Ray Choate (Barr Smith Library). Seminar Room, 4th Floor, Fisher Building.
- 1.00pm Environmental Science and Management Seminar:** Stony Desert's Biological Survey by Robert Brandle (Dept of Environment, Heritage and Aboriginal Affairs). Stefanson Lecture Theatre, Williams Building, Roseworthy.
- 1.10pm Genetics Seminar:** Dpp regulates G1 arrest of the cell cycle in the developing *Drosophila* eye by Dr Jules Horsfield. Seminar Room, Fisher Bldg.
- 1.10pm Horticulture, Viticulture and Oenology Seminar:** Gall midges - unknown pests of Australian plants by Dr

## COMING EVENTS

May 11th - May 23rd

Peter Kolesik (HVO). Plant Research Centre Auditorium, Waite Campus.

- 4.00pm Physiology Seminar:** Fat, food intake and leptin by Dr Gary Wittert (Medicine, RAH). Seminar Room N416, Medical School North.
- 4.10pm Botany Seminar:** Phosphorus compartmentalisation in *Pinus Serotina* by Sarah Ayling. Benham Lecture Theatre, Ground Floor, Benham Labs.
- 6.00pm Public Lecture Series - Weaving the Social Fabric:** Global Integration, Local Disintegration? by Hugh Stretton. Room H1-44, Amy Wheaton Bldg, UniSA, Magill Campus.

## THURSDAY 14 MAY

- 12noon HCCR/IMVS Seminar:** Post transcriptional regulation of plasminogen activator inhibitor type 2 (PAI-2) by Dr Robert Metcalf (Medicine, Monash University). Verco Theatre, IMVS.
- 12.05pm Psychology Seminar:** Coping with traumatic stress by Professor Sandy McFarlane (Psychiatry). Room 527, Level 5, Hughes Building.
- 1.00pm University of Adelaide Australians for Native Title and Reconciliation:** Promoting reconciliation and supporting native title and coexistence on campus. Postgraduate Students Association, Level 2, George Murray Building. Details: Barbara Baird, ext 33158 or Gus Nathan, ext 35822.

- 1.00pm Chemical Pathology Seminar:** Dysmorphic Features in Selected Biochemical Disorders by Dr Elizabeth Thompson. Seminar Room 1, 4th Floor, Clarence Reiger Building, WCH.
- 1.10pm Physics and Mathematical Physics Seminar:** The Evolution of Light Elements in the Galaxy by Prof David Dearborn (Lawrence Livermore National Laboratory, University of California / 1998 Selby Fellow of Australian Academy of Science). Kerr Grant Lecture Theatre, Physics Building.
- 3.15pm Centre for British Studies Seminar:** The Poorest She that is in England: Women and Citizenship in Early Modern England by Professor PM Crawford (History, University of WA). Seminar Room 420, 4th Floor, Napier.
- 7.00pm Adelaide University Film Society:** The Rocky Horror Picture Show. Union Cinema, Union Building.
- 7.30pm Philosophy Club:** Plato's Pharmacy and Derrida's Drugstore by Chris Mortensen. Room 527, Hughes.
- 7.45pm Field Geology Club of SA Lecture:** Some new perspectives of the Mount Lofty Ranges by Dr MSandiford. Mawson Lecture Theatre, Mawson Labs.

## FRIDAY 15 MAY

- 1.10pm Asian Studies Seminar:** Establishing education in early Meiji: the myth of Monbusho management by Ms A Schweber (Doctoral candidate, Harvard University). Rm 518, 5th Flr, Ligertwood.
- 1.10pm Elder Conservatorium Lunch Hour Concert:** Niall Brown - cello, Isabelle Trüb - piano. Works by Shostakovich, Dvorak, de Falla and Cassado. Admission \$2. Elder Hall.
- 1.15pm Inaugural Lecture Series:** Human evolution is not a theory about the past: it happens now by Professor Maciej Henneberg (Anatomical Sciences). Lecture

Theatre 102, Napier Building.

- 2.15pm Philosophy Seminar:** Problems with Michael Smith's "The Moral Problem" by Mr Peter Woolcock (UniSA). Seminar Room 707, Hughes.
- 3.30pm Agronomy and Farming Systems Seminar:** Redesigning farming systems. Ley farming in China! What? by Professor David Coventry and Dr Bill Bellotti. Seminar/Lunch Rm, Roseworthy.
- 4.00pm Research Centre for Women's Studies Seminar:** Writing a History of Women in England 1550-1720 by Prof T Crawford (University of WA). Room G08, Napier Undercroft, Napier.
- 4.00pm Obstetrics & Gynaecology Seminar:** Street stimulants: cardiovascular and other effects by Dr Rod Irvine (Clinical and Experimental Pharmacology). Seminar Room, 6th Floor, Medical School North.

## TUESDAY 19 MAY

- 3.15pm Anthropology Seminar:** Indian Magical Realism: Notes on Popular Visual Culture by Chris Pinney (University of London / Visiting ANU). Room 405, 4th Floor, Schulz Building.
- 6.30pm Australian Institute of International Affairs Talk for Non-Scientists:** Cloning, The Patenting of Plant Species, and Intellectual Property Rights. Speakers: Dr Ben Robinson (Consultant in Horticulture) and Mr Alexander Ferrante (Apprentice Patent Attorney). Margaret Murray Room, Level 5, Student Union Building.
- 7.30pm Music Studies / Musicological Society of Aust SA Chapter Seminar Series:** Franz Schubert (1797-1828): A post-centennial celebration. Schubert and the City: Vienna and the Three Song Cycles by E/Prof Brian Coghlan and The Song Cycles: A Singer's Perspective by E/Prof David Galliver. Room 1116, Schulz Building. Refreshments provided - gold coin donation.

## WEDNESDAY 20 MAY

- 12.30pm Clinical Nursing Seminar:** Vietnamese-born women's participation in pap smear screening by Mr Jeff Fuller (Faculty of Nursing, UniSA). Room CB5-55, Centenary Building, Faculty of Nursing, UniSA).
- 1.00pm Zoology Seminar:** Biogeographical aspects of the Solomon Islands coral reef fauna by Mr Bob Lewis (SA Fisheries Research Advisory Board). Seminar Room, 4th Floor, Fisher Building.
- 1.00pm Environmental Science and Management Seminar:** Why has *Acacia baileyana* become a weed? by Anne Morgan (PhD student, HVO). Stefanson Lec Theatre, Williams Bldg, Roseworthy.
- 1.10pm Genetics Seminar:** Characterisation of null alleles of *Drosophila* gene dead ringer Tamzin by Dr Tetyana Shandala. Seminar Rm, Fisher Building.
- 4.00pm Physiology Seminar:** The fetal renin-angiotensin system and the Barker hypothesis by Professor Eugenie Lumbers (School of Physiology & Pharmacology, University of NSW). Seminar Room N416, Medical School Nth.
- 4.15pm Botany Seminar:** Algae: you think it's boring but its not! by Justin Brookes. Benham Lecture Theatre, Ground Floor, Benham Laboratories.

**5.00pm Law School:** A panel of distinguished and dedicated academics and students will be available to answer questions from you about the study of law and the place and role of law graduates in today's and tomorrow's society. Lecture Theatre 2, Ligertwood Building.

**6.00pm Public Lecture Series - Weaving the Social Fabric:** Warping the weft and pulling the threads by Eva Cox. Room H1-44, Amy Wheaton Building, UniSA, Magill Campus.

## THURSDAY 21 MAY

- 12noon HCCR/IMVS Seminar:** Transplantation of Tissues at the Front of the Eye by Dr Keryn Williams (FMC). Verco Theatre, IMVS.
- 12.05pm Psychology Seminar:** Understanding and treating violent behaviour by Prof Kevin Howells (UniSA). Room 527, Level 5, Hughes Building.
- 1.00pm Chemical Pathology Seminar:** Regulation of Zn Homeostasis by Dr Peter Coyle. Seminar Room 1, 4th Floor, Clarence Reiger Building, WCH.
- 1.00pm University of Adelaide Australians for Native Title and Reconciliation:** Promoting reconciliation and supporting native title and coexistence on campus. Postgraduate Students Association, Level 2, George Murray Building. Details: Barbara Baird, ext 33158 or Gus Nathan, ext 35822.
- 7.00pm Adelaide University Film Society:** Nanook of the North; plus shorts *Duel* and *Clockwork Lemon*. Union Cinema, Union Building.

## FRIDAY 22 MAY

- 1.10pm Asian Studies Seminar:** Secondary vocational-technical schools in urban China by Ms Zhang Ning (Lecturer in Chinese). Room 518, 5th Floor, Ligertwood Building.
- 1.10pm Elder Conservatorium Lunch Hour Concert:** Robert Dawe - baritone, Anne Adamek - piano. Works by Brahms and Carl Loewe. Admission \$2. Elder Hall.
- 1.15pm Inaugural Lecture Series:** Agricultural and health sciences: a new alliance by Professor Robin Graham (Plant Science). Lecture Theatre 102, Napier Building.
- 2.15pm Philosophy Seminar:** Peeking at the Impossible by Chris Mortensen. Seminar Room 707, 7th Floor, Hughes Building.
- 3.30pm Agronomy and Farming Systems Seminar:** Why don't the producers listen? The changing face of extension by Jay Cummins (PhD student / PISA). Seminar/Lunch Rm, Roseworthy.
- 4.00pm Obstetrics & Gynaecology Seminar:** Applications of pig transgenesis by Dr Paul Tolstosheu (Bresagen). Seminar Rm, 6th Flr, Medical School Nth.
- 4.00pm Research Centre for Women's Studies Seminar:** What's wrong with invoking the history of abortion in contemporary "pro-choice" rhetoric? by Ms Barbara Baird. Room G08, Napier Undercroft, Napier Building.

## SATURDAY 23 MAY

**10.00am - 4.00pm Engineering Jobs Expo:** Meet company representatives from all fields of engineering. Open to all. Bring your CV and discuss jobs or work experience. Free (refreshments provided). Official opening at 11.00am. Details from Judith 8379 0171 (after hours). Level 4, Union Building.