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Greg Crafter in new role with Alumni Association

A FORMER South Australian Government Minister, the Hon. Greg Crafter, has been appointed Chairman of the University of Adelaide's Alumni Association.

The Chairman of the Alumni Association is an honorary role responsible for providing leadership for the Association and building on its Australian and overseas links.

Mr Crafter had a distinguished career as a Minister of the South Australian Labor Government from 1982 to 1993, including Minister of Education from 1985-1992.

A University of Adelaide Law graduate (LLB 1978), Mr Crafter is currently a consultant to Johnston Withers Barristers and Solicitors.

Other recent positions include: Director of the Queen Elizabeth II Silver Jubilee Trust for Young Australians; President of the Council of Foundation, International Baccalaureate Organisation, Geneva; and Chairman of the Don Dunstan Foundation.

"Mr Crafter's background, experience and capabilities make him eminently suitable for the position of Chair of the Alumni Association," said the Vice-Chancellor, Professor Mary O'Kane.

"The appointment of Mr Crafter will provide the necessary leadership for the Alumni Association to continue to develop and grow, thereby playing an important role in assisting the University to achieve its ongoing objectives of excellence in teaching, research and research training."

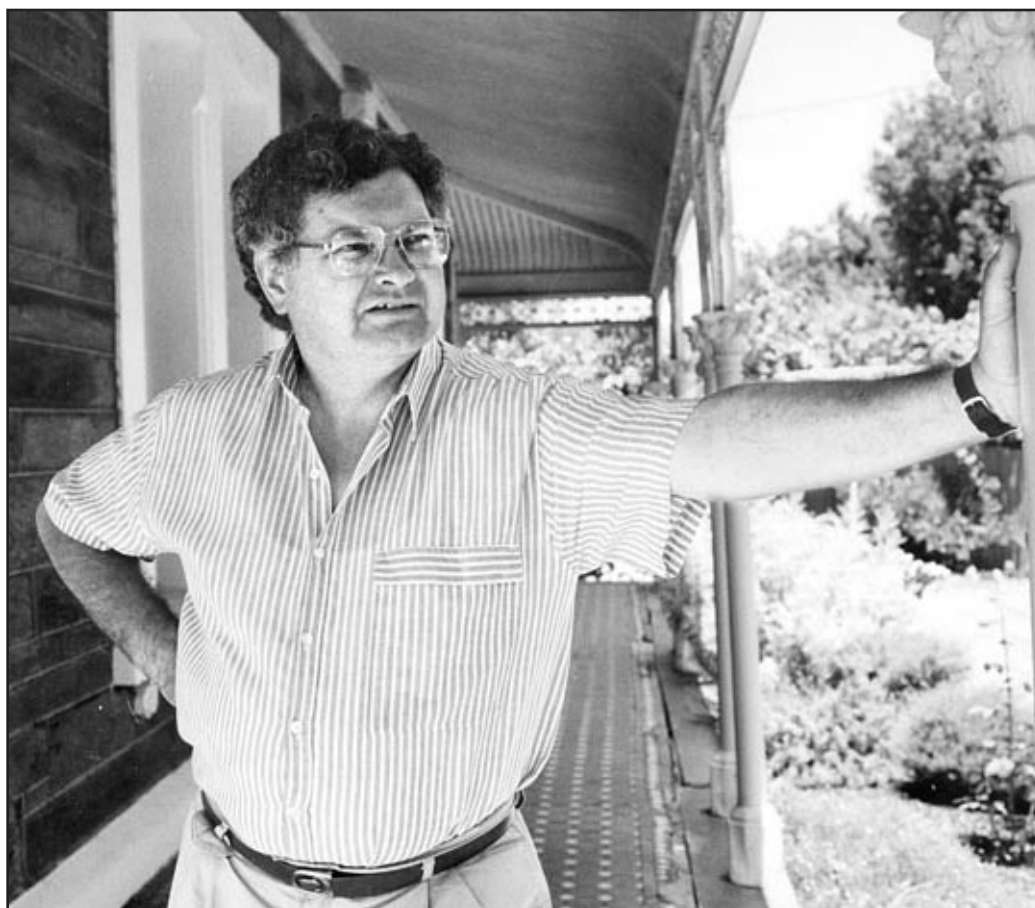
Mr Crafter, who has also been appointed to the University Council, said he was honoured to take on his new position.

"Alumni play an important role in the life of a university, and this is particularly so at the University of Adelaide."

"I'm looking forward to working with those many people who are committed to ensuring that their University continues to play a vital role in this State and nation."

"I am of course enormously advantaged in assuming this office in that much hard work has already been done by the Founding Chairman of the Alumni Association, Dr Harry Medlin, whose life's work has been dedicated to this University," Mr Crafter said.

Dr Medlin retired as Chairman of the Alumni Association late last year.



Greg Crafter: "Alumni play an important role in the life of a university." Photograph courtesy of Greg Crafter and The Advertiser.

Professor Luxton honoured

EMERITUS PROFESSOR Sam Luxton (Mechanical Engineering) has been named as one of six Australian "Heroes of Science" at the annual Clunies Ross National Science & Technology Awards in Melbourne.

The awards honour the memory of Sir Ian Clunies Ross, who dedicated his life to the advancement and communication of science and technology.

Each of the recipients has received the award for "their outstanding commitment and contribution to the application of science and technology in Australia and for inspirational leadership of future scientists".

The six Australians honoured with the 1999 Clunies Ross Award are:

- Dr Rahmi Akçelik, ARRB Transport Research, Melbourne
- Dr Frank Jorgensen, CSIRO Minerals, Melbourne
- Professor Sam Luxton, University of Adelaide
- Mr Andrew Martin, Martin Communications, Melbourne
- Dr Bruce Walker, Centre for Appropriate Technology, Alice Springs
- Dr Jane Watson, University of Tasmania.

"Professor Luxton has a lifetime of achievement in mechanical

engineering and its application to environmental problems," his award citation states.

"Following the oil crisis of the 1970s he overcame problems in converting industrial furnaces from oil to natural gas firing through his invention of the Precessing Jet Burner. Against resistance from building developers his team then set about the creation of more efficient and effective air conditioning technologies. A new company, Dadanco, now markets these technologies in Australia and overseas."

"He has created a highly focused research team at the University of Adelaide which is highly regarded by his industry collaborators for its ability to bridge the gap between fundamental research and real industrial solutions."

"Professor Luxton has advised government on energy research since the mid 1970s and contributed to the status of engineering through the Institute of Engineers Australia and other bodies."

The Ian Clunies Ross Memorial Foundation was established in 1959 to perpetuate the memory of Sir Ian Clunies Ross.

His Royal Highness The Duke of Edinburgh is Patron of the Foundation, and its Chairman is Mr Hugh Morgan, CEO of Western Mining Corporation.



What do George the Orang-utan and an army ration tin have in common? They're part of the Hidden Treasures exhibition in the Mitchell Building foyer. Hidden Treasures displays the University's rich and varied heritage and has been mounted as part of the 125th anniversary. Above: Vicki Makris from Student Administration takes a peek at George. Photo: David Ellis



THE UNIVERSITY OF ADELAIDE

1874-1999

Celebrating **125** years

COMMENTARY

MAPPING CLUSTERS AND BUSINESS OPPORTUNITIES

If industry development policy is to be effective, particularly in areas such as the so-called "rust belt" regions of South Australia or New South Wales, government and industry must invest in researching the dynamics of growth.

In today's global and knowledge-based economy, customisation, design innovation and reduced product development cycles are often influenced as much by ingenuity as the supply chains, networks, and industry clusters a company operates in.

Diffusion of technology, knowhow and skills occurs throughout these networks and clusters. Understanding the capacity and capability of industry clusters that propel growth at a regional level means understanding 'what' companies produce and 'how' they produce.

Researching all these factors can give government and industry the strategic industry intelligence required to optimise industry development measures, by allocating resources to where they are needed most or targeting sustainable investment outcomes which have greatest chance of succeeding.

South Australia, which is known for innovations in public policy, is currently at the forefront of mapping its major industry clusters. This policy charge is being led by the Department of Transport, Urban Planning and the Arts (DTUPA) with the support of the Department of Industry and Trade.

The South Central Regional Network (SCRN, located in southern Adelaide), the City of Onkaparinga, the Industrial Supplies Office and two of the University of Adelaide's research groups, the Centre for Labour Research and GISCA, have joined together in a project which contributes to value-adding DTUPA's research by exploring

new industry development applications.

The SCRN/Onkaparinga/University project, funded through an ARC industry collaborative grant, is developing the first "technology map" of metropolitan Adelaide utilising state of the art Geographic Information Systems technology (GIS). This mapping process will be employed to analyse the technology composition of companies in southern Adelaide and the dynamics of growth in the region.

What has made such research possible is DTUPA's investment in developing the most comprehensive computer database of industrial activity ever undertaken of metropolitan Adelaide. The database combines traditional GIS mapping information commonly used by planners for zoning, size of sites, and the like, with information on firms down to street address and a detailed description of the type of industry.

For instance, the database could be interrogated for firms in the automotive components sector—all firms in the metropolitan region will come up on the database, mapped regionally or by industrial zone. With a simple click of the computer's mouse on the site where that company is geographically located, an array of information can be gleaned, such as the company's name, address, industry classification or zoning information.

With the SCRN/Onkaparinga/University project, data on strengths and weaknesses of the region have been broadly integrated into the GIS database so they can be shown in map form.

The linkages between a number of supply chains derived from in-depth interviews with firms are also being

by
Rodin Genoff
Centre for Labour Research

integrated into the GIS database. These linkages are represented visually, adding an extra and more detailed level of industry intelligence to existing industry maps and their locational mix.

Detailed firm-specific information derived from this supply chain analysis can then be used to develop informed policies in conjunction with business to address impediments to investment, such as finance, skills, research and development (R&D), market development or infrastructure, while developing regional approaches aimed at maximising the advantages of regional proximity between firms to reduce transaction costs.

Unless we map these complex industry structures, policy development and welfare is constrained, as allocation of industry assistance is at best based on informed guess work. Or, as is so often the case, governments are left with the blunt policy instrument of picking winners to offset adjustment pressures.

And not surprisingly, as competition between the States increases, cheque book economics increases on an even grander, and at times, more tragic scale. (Little wonder the Productivity Commission continues to lament the tardy use of taxpayers money.)

Meantime, adjustment pressures continue to grow. And in their wake, another new cycle of policy "flavours of the month" is capturing the imaginations of our well-meaning politicians. Amongst these new ideas is the belief that somehow the growth of new service industries will lead to a high wage job economy. Yes! But this is literally only half the story in the new knowledge economy.

Just as the mid-west in the United States was written off as a rust belt without a future, it now contributes to the wealth and industrial renewal of the US economy. Australia's so-called "rust belts" may not so much be the problem, as part of the solution, to addressing the nation's current account constraints!

The message is getting out. The City of Playford in Adelaide's northern manufacturing suburbs is developing aspects of this model as part of its integrated economic planning process.

The model could also prove to be a useful policy tool for the New South Wales government as Sydney increasingly becomes a financial and information technology and communications hub for the Asia Pacific region. It should not be forgotten that manufacturing continues to be a vital component of the city's economy—and as recent international research concludes, 65% of R&D occurs in manufacturing.

Understanding the dynamic links between increasingly integrated industry sectors could contribute to the development of new employment opportunities in the knowledge-intensive industries of the future, providing a valuable boost to both the CBD and Western Sydney's growth prospects, beyond the 2000 Olympics.

So let's not wait for the down side of the Olympics. Or wait in queue to consult an oracle. Experience tells us we're in for another round of the inevitable, predictable and expensive calls for government "pump priming" and picking winners involving the deft hand of government intervention!

This article also appeared in The Australian Financial Review.

Celebrating
125
years

FROM NEAR AND FAR

Phil Grummet is an Adelaide-born pharmacist who graduated from the University of Adelaide in 1955. His interest in theatre led him to specialise in Performance and Special Effect Makeup after his return from two years working in the UK in 1959. He has been involved with the University of Adelaide Theatre Guild since 1960 and is an Honorary Life Member of the Theatre Guild. He has been President of the Pharmaceutical Society, is at present Media Liaison Officer for the Pharmacy Guild of Australia (SA Branch) and is still a practising Pharmacist.

Pharmacy was still a part-time course at the University of Adelaide in the early 1950s. It was unusually structured in that some of the tutors were University staff and others were employed by the Pharmacy Board of South Australia. The course culminated in a Diploma and status as an Associate of the University of Adelaide. Although only part-time, we were eligible to become members of the various student bodies and clubs.

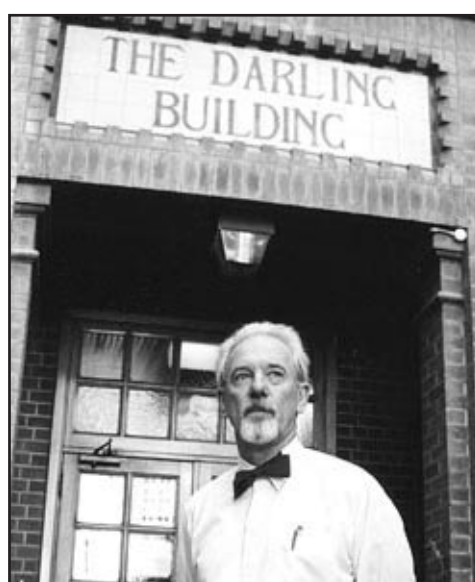
Our Senior Lecturer was the redoubtable Edward Francis ("Tiger Ted") Lipsham, a gifted but formidable character. He was profoundly deaf and used a hearing aid, the microphone of which was tucked into the breast pocket of his suit coat. This device he switched off, so that when we endeavoured to ask a question we

were promptly rebuffed with, "It's not bloody good asking me anything, I'm off the air!". Despite this gruff exterior, he understood his student's foibles and traits, even to the point of knowing which party you'd been to on the previous Saturday night!

Being apprentices and working for a master in retail pharmacy meant time off to attend lectures several a week. This created the wondrous situation of riding a bicycle to the Darling Building for a 9am lecture and practical finishing at noon, then onto the bike and up to Fauldings in James Place or Bickfords in Currie Street for a quick phone call to the shop for any urgent items, collect them from the warehouse, then pedal back to work. Rain! Century temperatures! "Son, you're the warehouse apprentice and that's your job."

As there were no audio or video tapes, photocopiers or Net it was not unusual to take 25-30 foolscap pages of handwritten notes during the course of a one-hour lecture and then spend that night trying to decipher them. All this for a starting wage of 21/- (\$2.10) per week rising to an amazing 66/- (\$6.60) in final year during which, as my master had gone overseas, I managed the pharmacy in all but name.

This is beginning to sound like the Monty Python "How Poor We Were" sketch, but it was not that drear as in 1953 I found AUDS (AU Dramatic



Phil Grummet—combining pharmacy and theatre. Photo: John Edge

Society) and later that year the Footlights Club.

For the previous two or so years, together with a colleague, Bob Maloney, I had been involved with floorshows at cabarets and balls. We used some original material but took liberties, shall we say, with some of the BBC Radio programs of the day. So here was the chance to achieve an ambition, to get into a genuine University Revue. We auditioned and managed it, and so weeknight and

Sunday rehearsals began after the exams in November.

Our theatre was "The Hut", a building best described as a pre-fab on stilts situated where the Hughes Plaza is today. The auditorium was also used as a gymnasium which meant that parallel bars and tumbling mats were stacked in one corner to allow for the installation of bleacher-type seating. I think that 240 was the capacity but I do remember one memorable night when our house manager, Richard Chinner, managed to get 310 seated! The success of the first revue, *Sparkling Burgundy* led to bigger and better things—*Be Your Age*, *Count Your Chickens*, an off-campus *Six Bells for Venus*, *That Adamant Eve*, and eventually a transfer to the then new Union Hall.

This new venue meant greater production expenses but also a greater net return in the early years of the building. All so different from *Sparkling Burgundy* which, after a most successful season, made 12/11 (\$1.30) profit—a classic example of the difference between now and then.

Adelaide then had about 2000 students, and was a very traditional but nevertheless lively place to be in. It's a great time to look back on but comparison with the 90s is futile; there are few if any bases of comparison still in place to be successfully and accurately used.

DAA award to leading businessman

FORTUNE magazine's Asian Businessman of the Year, Deputy Chairman and CEO of Singapore Airlines Dr Cheong Choong Kong, has become the latest of the University of Adelaide's high-profile graduates to be honoured with a Distinguished Alumni Award.

Dr Cheong received the award in recognition of his "sustained and distinguished service as an alumnus to management and communication especially in Singapore".

The award was presented to Dr Cheong at a lunch in his honour on Tuesday, 30 March in Adelaide.

Born in Malaysia, Dr Cheong came to the University of Adelaide as a Colombo Plan Scholar and graduated with First Class Honours in Mathematics (Bachelor of Science) in 1963. He then took his PhD in Mathematics at ANU.

Dr Cheong taught Mathematics at the University of Malaya and was an Associate Professor when he joined Singapore Airlines in 1974.

His distinguished career includes: Chairman of Singapore Airport Terminal Services; Chairman of SIA Engineering Company; Director of Singapore Press Holdings; Board Member of the Institute of Defence and Strategic Studies; Council Member of the Australia-Asia Institute; Vice-Chairman of the Singapore-US Business Council; and Board Member of the Singapore International Foundation.

He has also served as Chairman of the Singapore Broadcasting Corporation and its successor, Singapore International Media.

"Dr Cheong has always involved himself in the University of Adelaide's Alumni activities both in Singapore and in Adelaide," said Alumni Association Director Mr Geoff Sauer.



Dr Cheong receives his Distinguished Alumni Award from the University of Adelaide's Chancellor, Mr Bruce Webb. Photo: David Ellis

"He has made many key contributions to University of Adelaide Alumni events and played a central part in the program for students from the three South Australian universities during the July 1995 Asian Seminar in Adelaide."

In February 1999 *Fortune* magazine recognised Dr Cheong with its Asian Businessman of the Year Award.

The Distinguished Alumni Award was decided in October 1998, but Dr Cheong was unable to receive the award until last month.

Eminent speakers to address graduands

GRADUATIONS are upon us again, with more than 2900 students graduating from the University of Adelaide in April.

Eight commemoration ceremonies will be held in Bonython Hall over two weeks:

- Wednesday, 14 April - 10.30am Dentistry / Medicine
- Wednesday, 14 April - 2.30pm Economics and Commerce
- Thursday, 15 April - 10.30am Arts
- Thursday, 15 April - 2.30pm Arts
- Wednesday, 28 April - 10.30am Architecture & Urban Design / Engineering
- Wednesday, 28 April - 2.30pm

Agricultural & Natural Resource Sciences / Law

- Thursday, 29 April - 10.30am Mathematical & Computer Sciences / Performing Arts / Science
- Thursday, 29 April - 2.30pm Architecture & Urban Design / Science

Almost 2200 students will be attending the commemoration ceremonies, while more than 700 will graduate in absentia.

Among the notable graduates is cranio facial surgeon Mr David David, who has earned his Doctor of Medicine, and Dr Richard Eggleton, who has earned a Doctor of Science.

Dr Judith Raftery (Public Health) and Dr Derek Abbott (Electrical &

Electronic Engineering) are to be honoured with the Stephen Cole the Elder Prize, which is awarded to members of academic staff during the commemoration ceremonies.

This year the list of guest speakers includes a wide range of eminent Australians: Ms Christine Charles, CEO, Human Services Department; Emeritus Professor Keith Hancock; the Hon Dame Roma Mitchell; Father Frank Brennan; Dr Richard Brabin-Smith, Chief Defence Scientist, Department of Defence; the Hon. Neil Andrew MP, Speaker, House of Representatives; Professor Ian Young, Executive Dean, Faculty of Engineering, Computer & Mathematical Sciences; and Professor Penny Boumelha, Deputy Vice-Chancellor (Education).

Study abroad more than lecture theatre



An interesting paradox exists in the economic rationalist model of a University that appears to have crept in, largely unchallenged, to assume universal acceptance as a basis for discussions about directions of higher education in the higher education supplement of *The Australian*.

Federal Government policy looks often to the United States as a model for the development of our institutions. Discussions, in which the universities have become

complicit by virtue of their economic dependence, increasingly assume as synonymous a society and an economy. The resulting hard-nosed pragmatism regularly ignores the structure of most undergraduate degree courses in the US, which ground the technical or the instrumental firmly in a foundation of humanities and social sciences. Knowledge acquisition for vocational and instrumental purposes is placed inside the context of the study of society. Engineering, pre-med, commerce, science students in the program regularly enrol across our Faculties, invariably in one or more humanities or social science subjects designed to advance their study of

those other features of humanity that instruct and motivate social activity—in addition to the economic, tangible and technological.

Outside the lecture theatre they actively seek out, and expect from their own close student communities, opportunities for engaging in the informal intellectual, social and sporting life of the student community. The likely decline in this activity that would result from the removal of student union facilities would significantly reduce the value of the study abroad experience.

Lizzie Summerfield
International Programs



Passing on the Alumni Torch and a word about Medals and Awards

Harry Medlin showed great foresight in establishing the University of Adelaide Alumni Association. For 14 years he was its Chair, tracking down alumni within Australia and overseas, and establishing popular functions such as the early graduates' afternoon tea and the 50 year jubilee celebrations. In all of this he was, of course, aided by a group of hard-working people who support their old University. Harry stepped down as Chair of the Alumni Association at the end of 1998, celebrating at the end of his "reign" the very successful Australian Universities International Alumni Convention; he had been its guiding spirit and Deputy Chair of the Convention Steering Committee.

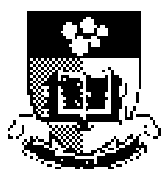
At the March Council meeting a new Chair was appointed—the Hon. Greg Crafter. Greg, a former State Minister for Education, brings with him a wealth of experience of dealing with the community, including the international community, as he is currently the President of the Council of Foundation of the International Baccalaureate Organisation. He will be seeking to meet as many Alumni groups as possible in the near future. It is clear that the University could do even more to involve its Alumni. We can look particularly to the United States for inspiration, although increasingly Japan and many European universities are waking up to the benefits of keeping in close contact with their graduates.

A great example of the power of Alumni/University relations was given by a leading engineer, Mr John Connell, when he was presenting the inaugural John Connell Gold Medal to Professor Bob Warner last Friday. Mr Connell said that one of the things he valued most through his long and successful career—he is founder of the firm John Connell and Associates—was the fact that he could always turn to leading universities for advice; in Adelaide he has made great use of contacts developed with our Department of Civil Engineering.

Bob Warner retires at the end of March. I could say we will miss him but I am sure that as an Emeritus Professor we will continue to see him on campus. Another recent professorial retiree won a major award last Tuesday night. Sam Luxton, well known for his involvement with the community and his inspirational effect on students, was presented with the Clunies Ross Award. Another winner was Adelaide graduate Dr Frank Jorgensen. Sam has been involved in many noteworthy projects over the years, but at the moment he and others in Mechanical Engineering are enjoying very positive publicity for their work in designing the fuel system for the Olympic Torch.

One of Sam's major collaborators on "project Torch" was Dr Gus Nathan. Gus is to be awarded the Sutherland Medal for his work on the Precessing Jet nozzle by the President of the Australian Academy of Technological Sciences and Engineering, Mr Tim Besley, AO, on 9 April. After the presentation Gus will give a public lecture on the Torch design in Elder Hall at 6.30pm. Bring the kids and grandkids to hear this deeply inspiring story. It is a fine example of the way the University serves the community while earning much-needed income.

MARY O'KANE



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Even better deal for students in '99

FOR THE SECOND YEAR in a row, students in the University of Adelaide's School of Engineering have become big winners thanks to a world-first agreement with a major computer software company.

Last year's engineering students were given free copies of Matlab, one of the world's most popular engineering software packages. Worth million of dollars, the software was provided to 1500 students for teaching and homework use.

Now another deal has been struck by the School of Engineering—this time with Autodesk, makers of the world's most popular technical drawing and modelling package, Autocad.

The arrangement will see the School become a "Premier Reference Site and Technology Centre of Excellence", wherein it develops course material for worldwide consumption, acts as the key reference site for industry in South-east Asia, and provides expert input in a wide variety of areas and applications.

As part of the arrangement, Autocad R14 will be offered to University of Adelaide engineering students at the bargain price of \$30—an important investment for the 75% of students who can utilise the software on their home computers. This also benefits other students by freeing up university-based computer facilities for after-hours use (the School's computing suites are open 24 hours a day).

But there is much more to the deal, according to the School of Engineering's Associate Dean for Information Technology, Dr Scott Snyder.

"The School has undertaken a number of strategic initiatives to encourage students to purchase and use home computers. Last year's experience with Matlab demonstrated that delivering world-class software to the students for home use provides both an incentive for the purchase, and a benchmark for the quality and capability of the hardware."

As part of the negotiation for the Autodesk deal, the School secured the services of a world expert, Ron Lane-Smith, to develop tutorial material to accompany the software distribution. Ron has drawn upon a range of experiences, the latest of which includes being a architectural consultant on the Mayapur City and Temple in India.

Dr Snyder estimated this latest software deal to be worth around \$500,000 to the University, but he said the value of an ongoing relationship with Autodesk was inestimable.

Advertisement

Business fosters Chinese links

SETTING UP your own business might seem a dream for most students—but it needn't be.

For Leonie McKeon, 39, the dream has become a reality, developing a Chinese Language and Cultural Advice business under the Business Initiatives from Graduates (BIG) program at the University's Thebarton Commerce and Research Precinct.

She said the business is now a successful consultancy service to organisations doing business with China and educational institutions with Chinese students and affiliations.

Ms McKeon is focusing on South Australia, but can already see potential to expand interstate and possibly overseas.

She said while establishing a presence in the market place can be hard work, she really enjoyed dealing with a variety of people and companies.

"The [BIG] program has given me the opportunity to do something I love," she said.

The idea for the business came while travelling in Taiwan and China for five years and then studying anthropology at the University of Adelaide.

After managing a business at 22, she wanted to go down the entrepreneurial road again, but this time with an intellectually-based business, she said.

Ms McKeon's consultancy business deals with government, education and private sector departments to provide cultural advice packages, specialised Mandarin language tuition and assistance to delegations to ensure prosperous relationships with Chinese businesses and people.

The BIG program, which she will complete by the end of this year, provides students with everything they need to run a business—a university stipend, computer, office and business mentoring.

"The program is also really good because it [the diploma] is practically oriented and it relates to the business you are setting up," Ms McKeon said.

She said the twelve-month diploma program was intense, as students have to combine setting up a business with study on campus.

Kankana McPherson, the Executive Assistant Industry Liaison at the Thebarton Commerce and Research Precinct, said BIG, as part of the Graduate Entrepreneurial Program, was unique as a program which takes a new graduate to start



Leonie McKeon: "opportunity to do something I love". Photo: David Ellis

a business on their own.

She said the BIG program aims to foster business aspirations by giving comprehensive support to students, including University of Adelaide scholarships. It is available to university or TAFE graduates, and targets final year, honours and postgraduate students.

The Graduate Entrepreneurial Program also offers the Graduate Business Support Scheme (GBSS) for current PhD or masters students who wish to pursue business activities that complement their degrees.

An information night for the BIG and GBSS programs will be held on Wednesday 5 May at the University's Thebarton Commerce and Research Precinct from 6.00- 7.30pm. Further details: Kankana McPherson on 8303 4468. Chinese Language and Cultural Advice: 8303 3522 or 0414 441 760.

—James Gruber

Anti-cancer drug in clinical trials

A REVOLUTIONARY anti-cancer drug being developed by Adelaide bio-technology company BresaGen has been injected into a human subject for the first time.

BresaGen, an off-shoot company of the University of Adelaide based at the Thebarton Campus, is a world leader in transgenic animal research and is involved in the production of new pharmaceuticals to combat illnesses.

As part of a Phase I clinical trial being conducted at the Royal Adelaide Hospital, a breast cancer patient aged in her 50s has undergone a course of injections designed to test the safety of the new anti-cancer drug.

The drug, a GM-CSF antagonist known as E21R, could be highly effective against certain types of myeloid leukaemias and solid tumours, such as breast cancer.

E21R is a modified form of a natural human hormone involved in blood cell development.

Laboratory studies show it works by binding onto receptors found on cancer cells, resulting in cell death. E21R is more specific against certain types of cancer cells than drugs currently used in chemotherapy.

Dr Meera Verma, the General

Manager of BresaGen's Protein Pharmaceutical Division, said that as part of the Phase I trial, 18 end-stage cancer patients would be injected with E21R, with successive groups of patients receiving higher doses as the trial proceeded.

"While the Phase I trial is primarily a safety study, it is possible that some patients may benefit from the drug during the trial," she said.

"If the Phase I trial shows E21R has no significant toxicity problems, the drug will then enter Phase II clinical trials which will examine its effectiveness."

The anti-cancer drug is being developed by BresaGen under exclusive licence from Medvet Science Pty Ltd, and the project is funded in part by a three year, Australian Federal Government R&D Start grant, with expenditure by BresaGen matched dollar for dollar by the Federal Government.

The Phase I clinical trial coincides with BresaGen being informed that Medvet Science would be awarded a patent for the drug in the United States, a step which ensures BresaGen retains exclusive rights to the product for the next 20-25 years.

Patents have already been issued in Australia and New Zealand and are also being sought in Europe and other territories.

E21R was initially discovered at the laboratories of Professors Angel Lopez and Mathew Vadas at the Hanson Centre for Cancer Research, part of the Institute of Medical and Veterinary Science (IMVS) in Adelaide.

Dr Ian Olver, the Clinical Director of the RAH Cancer Centre and the Principal Investigator for the Phase I trial, said the trial would take most of 1999 to complete.

He said the Phase II clinical trials would specifically test the drug's effect on both myeloid leukaemia and breast cancer.

Dr Verma said the woman who had been injected with the drug had undergone a series of injections over 10 days with very low doses being administered.

"We are now monitoring any reaction she has to the drug," she said.

Dr Verma said it was important to realise that Phase I clinical trials were primarily to determine toxicity. Efficacy against specific cancers would be tested at the next stage of the trials.

Advertisement

Crystal clear beer made easier

AN AWARD-WINNING researcher at the University of Adelaide is developing a more accurate test to determine the beer filtration performance of malting barley.

Filtration removes yeast and other fine particles of proteins and tannins and is carried out because most consumers demand a "clean, clear, crisp beer", said Dr Doug Stewart, a Grains Research & Development Corporation (GRDC) post-doctoral fellow in the South Australian Barley Improvement Program at the Waite Campus.

However, filtration can be a problematic step in the brewing process because the cell wall material of barley forms a glue-like substance, clogging filters and reducing the efficiency of the filtration process.

There are currently two ways to improve filter performance: "over malting" the barley, which decreases the head retention (or foam) on the beer; or adding enzymes to the beer, which is a common practice but an additional cost for brewers.

"Presently the standard laboratory tests used to predict beer filtration may not always accurately predict performance," Dr Stewart said.

"On paper, malting barley can look like it performs well, but it ends up clogging filters.

"What we'd like to do is have a test which better reflects the process in the brewery rather than relying on discrete measurements of barley malt components."

Dr Stewart said when filtration is completed, beer is pasteurised and heat-treated to kill any bacteria or yeast present, thereby increasing shelf-life.

An alternative to this was "microfiltration"—using a membrane filter with microscopic holes in it which allow beer to pass through them but no bacteria or yeast. This is used by Carlton & United Breweries for its Carlton Cold beer.

Dr Stewart said a scaled-down version of this method is believed to be an accurate measure of how barley will perform during filtration and would enable researchers to conduct small-scale tests on new barley varieties which will filter better in commercial breweries.

"Most Australian malting barley is exported, so if the team could breed a barley with better filtration qualities it would improve the reputation of the Australian crop and increase demand for Australian barley," he said.

"If we can brand our barley with a Premium Quality tag we're going to start competing very well with Canada and



GRDC Post-Doctoral Fellow Dr Doug Stewart who will fly to London in May to conduct research as this year's winner of the Institute of Brewing Centenary Scholarship Award

other international exporters."

Dr Stewart's project requires the facilities of a pilot brewery. In May, he will head to London for eight weeks to carry out his research at Brewing Research International.

He said the micro filtration process was quite complicated and he was aiming for a small, cheap, robust test which could easily be incorporated into various barley breeding programs around Australia within 12 months."

—Anne Cope

Olympic Torch goes on show for public lecture

THE SECRETS behind the Sydney 2000 Olympic Torch will be revealed at a free public lecture to be held at the University of Adelaide on Friday, 9 April.

The torch will play a crucial role in the 100 days leading up to the Sydney Olympic Games.

Now for the first time, one of the key designers of the technology used in the Olympic Torch will give a fascinating public lecture about its development.

Dr Gus Nathan, joint leader of the torch design team and a senior lecturer in Mechanical Engineering at the University of Adelaide, will illustrate with slides and video how a team of engineers from Adelaide created the torch's flame technology.

He will discuss how the all-important Olympic Flame burning from the torch was the result of months of hard work by researchers, and reveal the challenges faced in creating a safe, environmentally friendly torch flame that can withstand torrential rain and gale-force winds.

Prototypes of the torch used in the actual testing process will also be on show at the public lecture.

Dr Nathan's lecture is in celebration of the KL Sutherland Medal awarded to him by the Australian Academy of Technological Sciences & Engineering.

The lecture—in Elder Hall at 6.30pm on Friday, 9 April—is free and open to all.

Great support for symbiosis workshop

SYMBIOSIS (the close integration and interdependence of dissimilar organisms) is ubiquitous, ecologically important and plays key roles in environmental processes. Mycorrhiza (or 'fungus root') is one of the commonest symbioses, involving probably 90% of all land plants. The fungi involved are beneficial and help the plants absorb scarce nutrients from soil, as well as protecting them against drought stress and some diseases.

A national workshop organised by the Centre for Plant Root Symbioses at the University of Adelaide was a recent focus for work on these important interactions. The workshop, funded by a grant from the ARC-DETYA Special Research Initiatives Program (SRIP) and participating universities in Australia, was truly international, attracting visitors from USA, Canada, France and Italy and researchers from six Australian universities. Altogether 10 nations were represented by the 40 participants.

The venue at Höchstens Resort, Hahndorf promoted a relaxed atmosphere and really good opportunities for interaction between scientists at all stages of their careers. Sessions illustrated the wide range of biological topics where mycorrhizas have an impact and



Participants in the symbiosis workshop at Hahndorf. Photo: Emily Shepherd, ITS Waite.

covered structure and development of the symbiotic root systems, signalling and gene expression in the plant and fungal partners, nutrient transfer, ecology and interactions with other organisms.

The organisers were delighted with the standard of presentations, and discussion was lively. Positive feedback from the younger participants highlighted the value of small meetings in providing better opportunities to meet senior

scientists than large international congresses. There is overwhelming support for making the workshop an annual national event.

Thanks are due to Dr S Ayling and Ms J Ditchfield (Department of Soil and Water), who did all the organising and to Dr RJ Reid (Department of Plant Science) and family who cooked a really memorable barbecue.

—Professor Sally Smith
Dept. of Soil and Water

Tom Kurucsev—enthusiasm and brilliant chemistry

DR TOMAS KURUCSEV passed away peacefully on Sunday, 21 February 1999 at the Stirling Hospital after a short battle with lung cancer.

Tom was born on 9 December 1927 in Szeged, a University town near the southern border of Hungary, of a Serbian father and Hungarian mother—a medically qualified dentist who practised into her eighties.

After matriculating with Distinction in 1946, he completed first year at the University of Szeged then nearly two years at Pazmany Peter University in Budapest until he was forced by the political situation to interrupt his studies and flee across the frozen country to post-war Vienna. He worked for a time as a clerk-typist before moving on to Italy, a staging point for refugees, where he was accepted to migrate to Australia.

Aboard ship, multilingual Tom was appointed Principal of the Ship's School with the job of teaching English to the migrants. He arrived at Bonegilla staging camp in Victoria in May 1950 and, like so many highly-educated "New Australians" in those days, had to look for unskilled work. Determined to go to a University town, he moved to Adelaide the following month when a job came vacant at General Motors-Holden—it was some time before Tom, working on the glove box production line, realised they weren't called 'bloody glove boxes'. At Woodville, Tom was known affectionately—but with scant regard for geography—as "Tom the Balt". He rose to leading hand, and later moved to a better paid night shift job at Kelvinator spray-painting coolsafes.

At a Good Neighbour Council function, Tom met Jean Shepherd, a young draughtswoman from WA working at the Weapons Research Establishment, with whom he was to share a rich life in a marriage of nearly 45 years.

In early 1952, Tom submitted his academic transcripts to the University of Adelaide. After passing the University's Standard English Test, he

was granted provisional matriculation in the Faculty of Science subject to passing Leaving English which he took whilst also studying and passing first year Geology and second year Pure Mathematics—all the time working night shift to support himself. To his astonishment, Tom failed Leaving English in November—but sailed through the February supplementary exam after taking a tutor's advice that, as it was an exam designed for school children, he should use shorter words and avoid sophisticated psychological analyses of the characters in the set texts.

Having been given credit in four first-year and two second-year subjects, Tom completed his degree in Chemistry in 1953. Tom was always grateful for the chance given him by the University of Adelaide and from this stemmed his subsequent love for, and loyalty to, the University.

Tom gained First Class Honours in Inorganic and Physical Chemistry in 1954 and completed his PhD in 1958. He was appointed Lecturer in the Department of Physical and Inorganic Chemistry in 1958, Senior Lecturer in 1965, Reader in 1975 (a promotion described by his Professor and referees as overdue) and was the first elected Chairman of the Department (1984-1985). Regarded as an outstanding lecturer by his colleagues and students, he supervised 21 Honours and 11 PhD students.

Tom Kurucsev was a distinguished scientist with an international reputation particularly in the field of nucleic acid electronic spectroscopy. His initial research was with the late Professor DO ("Doj") Jordan on the shear dependent viscosity and streaming birefringence of polyelectrolytes. Later he returned to the study of polyelectrolytes as potential materials for industrial applications including the development of ion exchange resins for specific purposes.

The effect of conformational changes on polyelectrolyte physical properties, including electronic spectra, led him to the recognition of the possibility of the



Dr Tom Kurucsev at the beginning of his University of Adelaide career

extremely fast and specific conduction of energy through exciton coupling between chromophores in both synthetic and natural macromolecules, in particular DNA. He researched DNA/dye interactions, and the interaction of nucleic acid bases, of nucleotides and of nucleic acids with heavy metal ions. He developed new methods of experimental design and novel methods of data analysis.

He had a lucid writing style—one international colleague commented, "In this age when one is overwhelmed by the huge mass of scientific writings, it is refreshing to find someone who can say in one crisp article what could easily have been spun out into two to three long-winded ones".

One of his most rewarding international research collaborations was with the distinguished physical chemist Professor Bengt Norden—they were collaborating on a book chapter and Tom's hospital bed was covered in reprints as he worked at his laptop computer, finishing his section and emailing it overseas just two days before he died.

Tom also had an entrepreneurial

streak. A major consultancy in the early 60's was with SOLA Optical (now SOLA International). His pioneering work in solving the chemical problems involved with the casting of CR39 prescription lenses is regarded as brilliant chemistry which was crucial to the subsequent success of SOLA. A later long term consultancy was with the wool processor and wool merchant GH Michell & Sons.

In 1993 he received the singular honour of the award of Honorary Doctor of Science of the Chalmers University, Gothenburg, Sweden.

Tom contributed fully not only to Departmental life. He published on teaching methods at tertiary level. He was Chairman of the Matriculation Board almost continuously from 1974 until its disestablishment in 1985.

He was, from 1986 to 1992, the Education Committee's nominee as member of the Alumni Association's Executive Board as well as a Trustee where his considered advice was of great value during the Association's formative years.

After 35 years in the Department of Physical & Inorganic Chemistry, Tom retired at the end of 1992 at the then compulsory retirement age of 65.

In 1993, the University recognised his contributions to physical chemistry and his continuing research activity by appointing him Honorary Visiting Research Fellow for 5 years; in 1998 the appointment was extended.

Not long after Tom's retirement, the University entered into a Twinning Program with the Sepang Institute of Technology in Malaysia and this marked the start of a new direction in his life.

The University appointed Tom as Foundation Head of Chemistry at S-I-T in mid-1993. Tom and Jean lived in Kuala Lumpur for over a year from December 1993 where they were the focus of a small expatriate enclave from the University.

Continued Page 7

Advertisement

International Student Reception

FOR THE FIRST TIME, international students from all over South Australia have joined together to take part in the International Student Reception.

Held at the University of South Australia's City West Campus on 13 March, this is the first time all the major International Student Organisations (ISOs) in this State—the Overseas Students' Association of the University of Adelaide (OSA), Flinders International Students' Association, University of South Australia Student Association, and Malaysian Students' Association—have hosted a combined event to welcome new incoming students.

Overseeing the entire event was the National Liaison Committee for International Students. The event saw about 130 students coming to ask about information, signing up for future events or simply enjoying the food and drink.

The reception is one of the few combined events that will be happening this year. The ISOs are already planning the next couple of events, the biggest being in August where a State-level Multicultural Week will be held as part of a national effort to spread the message of

multiculturalism.

With the ever present threat of Voluntary Student Unionism, ISOs have to start combining their efforts to increase their importance as providers of student services.

The reception is one way we can show International Students that they are being represented; that they are not alone the moment they step foot into their new home for at least the next few years of their studies.

—Wai Sing Yong, OSA President

Executive appointment

DR DAVID JONES (Architecture, Landscape Architecture and Urban Design) has been elected to the Executive Committee of Australia ICOMOS, which is a sub-branch of the ICOMOS organisation under UNESCO.

Australia ICOMOS is the body that devised the "Burra Charter" and advises on the implementation of the Charter and on heritage aspects throughout Australia. It is also an influential leader in the international ICOMOS organisation.

Missing Alumni

THE ALUMNI ASSOCIATION is once again looking for the addresses of its missing 1949 Golden Jubilee Graduates. If you know the whereabouts of any of the following could you please contact Judy Benson on 08 8303 4276 or email <judith.benson@adelaide.edu.au>. Thank you.

BA

- Appleton, Edgar Arthur
- Bettison, Margaret Selina
- Blair, Joan Scott
- Cosh, Joyce Rosalind
- Dalziel, Lawrence Henry
- Downes, Howard Albert
- Felgenhaur, Robert Frederick
- Fitch, Rosemary Lamburn
- Fowler, Dorothy Colyer
- Georg, Victor Gerhard
- Gibbs, Betty Valmai
- Griffin, Danielle
- Kelly, Gwenda Mary Christine
- Kelman, Hilda
- Lang, Samuel Brambley
- Lewis, Mary
- Lillecrapp, Douglas Arthur Julian
- McLoughlin, Vincentia Patrick
- Melbourne, William Henry John
- Morris, John Lennox
- Naughtin, Patrick Chanel
- Osmond, Phyllis Dawn
- Page, Ronne Earle
- Parsons, Barbara
- Preece, Julia Anne
- Price, Winifred Vera
- Shinkfield, Marian Ruth
- Speirs, William McMillan
- Traeger, Keith Terence
- Wilkinson, Philomena Mary
- Wilksch, Betty Ruth
- Wissell, Stewart Gordon
- Young, Caroline Agnes

BA (Hons)

- Duncan, Ross
- O'Donoghue, Kenneth Kilian

BDS

- Cran, James Alexander
- Wesslink, Philip Murdoch

BE

- Canning, Albert Edward
- Curry, Allan Ralph
- Freestun, William David
- Hughes, Leslie Donald
- Kennett, Edmund Richard
- Koop, Eric John
- McMilan, Raymond
- Muller, Peter Neil
- Nairn, John Wallace
- Nairn, Peter Ross
- O'Brien, Brian David
- O'Brien, Ross Pagden
- Opie, Brian Preston
- Ross, Sydney George Frederick
- Schultz, Raymond Alfred
- Shannon, Richard John
- Tilbrook, Norman Keith
- Trimmer, Ray Brian

Nostalgic visit by Bragg family member

THE UNIVERSITY last month received a brief but nostalgic visit by the granddaughter of Sir William Bragg, Elder Professor of Mathematics and Physics from 1886 to 1909.

Mrs Patience Thomson is the youngest daughter of Sir Lawrence Bragg, also an Adelaide graduate. She is married to Mr David Thomson, who is a semi-retired banker in England—he also has a father and grandfather who won Nobel Prizes in Physics, as did the Braggs after leaving Adelaide.

After meeting with the Vice-Chancellor, the couple toured the Mitchell Building and saw the preparations for the Heritage Exhibition which is now open, as well as places associated with the early teaching of physics and pioneering work on X-rays in the University.

They then visited the Physics Museum and had morning tea with the Head of Physics & Mathematical Physics, Dr Rod Crewther and former Deputy Chancellor, Dr Harry Medlin.

The visit was arranged by Adelaide graduate Dr John Jenkin, who wrote a book on the Bragg Family in Adelaide for the centenary of the appointment of Professor Bragg as our youngest Professor at this University.

The visitors were presented with a copy of the video made to commemorate the 1986 Centenary by Dr John Patterson of the Physics Department.

During her visit Mrs Thomson, a teacher, recalled how her father referred to good lecturing as an art form which must be developed.

She said that at the Royal Institution in London where many public lectures are held, Lawrence Bragg showed the lecturer into a waiting room which contained a limpet shell and a crystal.

He said the speaker should stick to the subject like a limpet and be as clear as crystal—good advice for today!

—John Patterson
Physics & Mathematical Physics



UK visitors Mr David and Mrs Patience Thomson on the main staircase in the Mitchell Building. Photo by Dr John Patterson.

Hilary and Jackie: Cornell fundraiser

THE CORNELL CHAPTER of the Alumni Association invites all readers of the *Adelaidean* to a special fund raising screening of *Hilary and Jackie* at Palace Eastend Cinemas on Thursday 8 April at 7:15.

Hilary and Jackie is the story of the cellist Jacqueline Du Pré, her sister Hilary, and the conductor Daniel Barenboim.

The film stars Emily Watson and Rachel Griffiths, both of whom were nominated for Academy Awards.

Elder Conservatorium cellist Hilary Kleinig will play in the foyer of the cinema from 6:30pm on the evening of the screening.

Tickets, in advance, from the Alumni Office, 44 Kintore Avenue; also on sale in the foyer before the screening. All tickets \$10; no concessions.

Proceeds to the Cornell Chapter to support their work assisting the Faculty of Humanities and Social Sciences and the Elder Conservatorium, School of Performing Arts.

Please phone 8303 4275 for bookings.

Elder Hall Concert Series 1999

FOR ALUMNI MEMBERS who subscribe to the Alumni Services Package please note that the 1999 Elder Concert Hall Series commences on Saturday 1 June. There will be 5 concerts in this year's series.

The 1999 Program will sent to Alumni Services Members as soon as it is available—this will include details about how to exchange the vouchers for tickets. Services members receive vouchers allowing them to gain admission to each of the five concerts plus purchase a concession ticket for each of the concerts.

Negotiations are in progress for Alumni Ordinary Members to be able to purchase concession tickets for this concert series and details will be published in the *Adelaidean*.

Tom Kurucsev—brilliant chemistry

From Page 6

Following the decision to move S-I-T to Klang, Tom was appointed in August 1995 as the University's Academic Director for the Twinning Program, a post he filled with distinction until late 1998. For nearly three years, he visited Malaysia almost monthly, averaging 10 days each time, to introduce and oversee the first two years of the many Adelaide disciplines there.

Setting up the Twinning Program at Klang was a huge task. Tom was central to the success of the Program—a success which was evidenced when a massive influx of nearly 200 well-prepared students transferred from S-I-T to Adelaide in 1998 and achieved excellent results in their third year studies, and a similar number arrived in 1999. As with his work with SOLA, the significance of Tom's work for the University's Malaysian Twinning

Project may not be widely understood as his nature was to get on and get the job done without drawing attention to himself.

The President of S-I-T, Mr Lim How Soon, visited Tom just two days before he died. The affection and respect which "Dr. Tom" (as he was known at S-I-T) inspired in Malaysia was summed up in the notice inserted by S-I-T, which read: "A friend above all and a gentleman too, dearly missed and fondly remembered by friends and students at Sepang Institute of Technology, Klang, Malaysia".

A week earlier, the Vice-Chancellor had named the University of Adelaide-S-I-T Scholarship awarded to the top student as the "Tom Kurucsev Scholarship" in his honour.

Tom's great loves were his family, his science and music. He appreciated art, literature, the theatre, fine music (he was an accomplished pianist) and

fine wine—particularly a good red. If there is one word that springs to mind about Tom it is "enthusiasm".

He will be remembered for his mercurial and dynamic personality, his exuberance, his boundless energy, his intelligent interest in everything, his lively and enquiring mind, his prodigious work ethic, his sense of fun, his charming infectious smile, his integrity, his courtesy, his meticulous planning and organisation and attention to detail, his dignity, his kindness, his generosity, his optimism and his great good humour—all of which were with him to the end. Tom loved and embraced people from all walks of life, and was admired, loved and respected in return.

Tom is survived by his wife Jean, and children Sonja (Perth) and Nicholas and wife Katherine (Ballina, NSW).

—Friends and colleagues
of Tom Kurucsev

5UV⁵³¹ News

5UV's new 'Back Office' was officially opened by the Deputy Vice-Chancellor (Education), Professor Penny Boumelha, on Wednesday 31 March. The refurbished offices will encourage a much more productive and safe working environment for the more than 400 students and community people who work at the station.

The function occurred almost ten years after 5UV first moved 'across the road' to the North Terrace studios. In these ten years the station has seen the advent of CDs (and the related demise of vinyl records), the introduction of computers into the workplace and in particular into the studio, the introduction of online and on-demand broadcasting on the internet and many other innovations in the broadcasting industry.

Despite a three-fold reduction in University funding in that period 5UV has increased its overall income base through commercialisation of its services to the extent that it only relies on the University for one in every four of its dollars spent.

The new offices will help 5UV maintain its position at the vanguard of public broadcasting in this community.

—Jeff Langdon, 5UV

Unibooks a winner

UNIBOOKS was a big winner at this year's Dataflow Tertiary Conference in Sydney.

The University of Adelaide's bookstore won two national awards—first prize in sales of Microsoft software and runner up in sales of Inprise software.

This is the second year in a row that Unibooks has brought home awards, doing better than other national bookstores and software stores on campuses around Australia.

Curious tale returns to Bakehouse

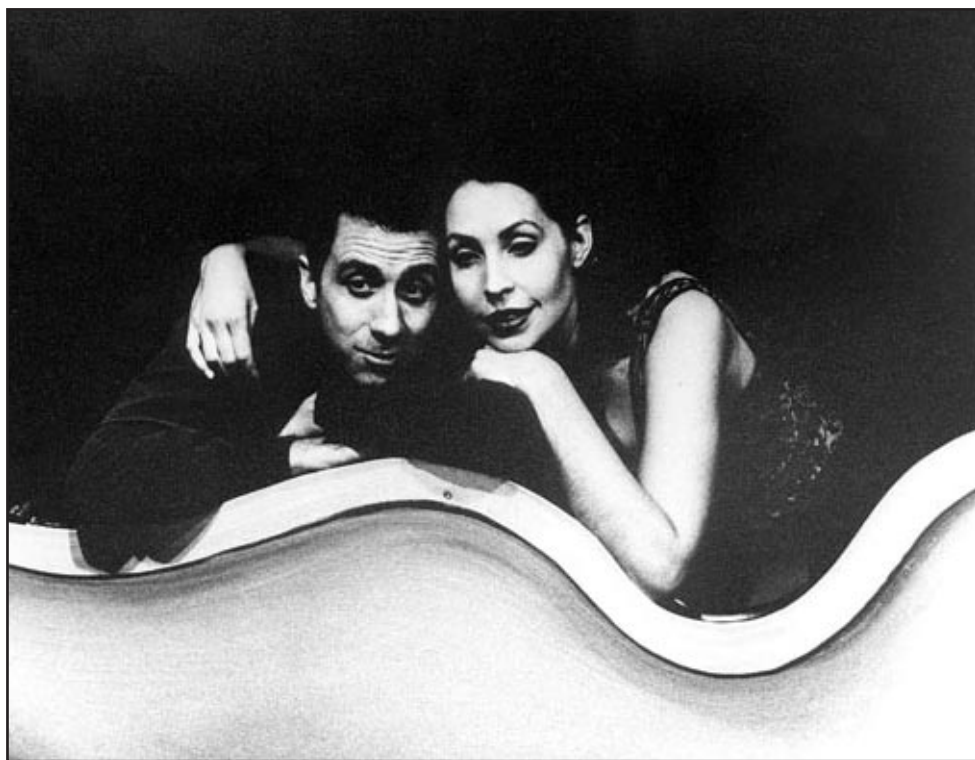
THERE'S a strong University of Adelaide link in a play by new company Rawcus Productions opening this month at The Bakehouse Theatre in Angas Street. And *Adelaidean* readers can benefit from the connection.

Often I find that I am Naked is by local writer Fiona Sprott, a 1994 graduate of the University's BA (Educational Theatre) course who has worked with the University of Adelaide Theatre Guild, among others.

Guest choreographer Penny Thomas completed her BA in Dance at Adelaide in 1997, while composer/musician Ian Moorhead completed his Graduate Diploma in Digital Arts in the same year. Stage manager Rebecca Snook has also studied Drama at Adelaide.

Often I find that I am Naked is a witty account of one woman's journey into the arena of sexual and social politics in the 90s, with a very contemporary style of presentation. In its original form the play—described by the *Sydney Morning Herald* as "stylish, sexy, very funny and a little bit naughty"—was selected by Robyn Archer to premiere at the 1998 Adelaide Festival as part of the Emerging Artists program.

Since reworked and back from a successful tour of Sydney and



Keith Agius and Jacqueline Linke—*Often I find that I am Naked*. Photo: Jacqueline Linke.

Melbourne, *Often I find that I am Naked* opens in The Bakehouse Theatre on 15 April and runs to 8 May at 8pm. Tickets \$18/\$13, bookings at BASS (131 246).

Special offer for *Adelaidean* readers!

Ten double passes are available for each of the following nights: Tuesday 20, Wednesday 21 and Thursday 22 April. Contact Pue-San Ng in Public Relations & Marketing (ext 35174). First come, first served.

Australian poet presents series of lectures and workshops

AUSTRALIAN POET Professor Keith Harrison is currently presenting a three-week series of lectures and workshops for performing arts students at four Helpmann Academy partner institutions—the University of Adelaide, Flinders University, the Flinders Street School of Music and the Centre for the Performing Arts.

The series will bring him into contact with music, dance and drama students and introduce the concept of sister arts to the students: creative writing for musicians, poetry/music performance and lectures on the relationship between music and literature.

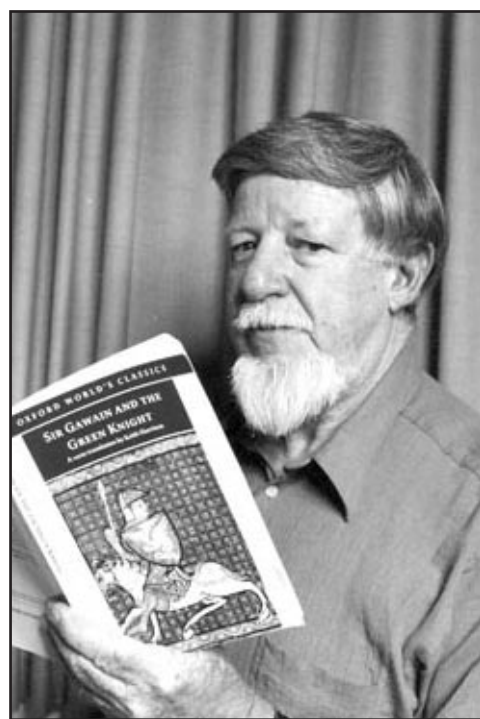
Melbourne-born Keith Harrison is the author of many volumes of verse translations and scripts for stage and

radio. His translation of *Sir Gawain and the Green Knight* has been called "the best translation [of this poem] in and for our time".

The translation, which originally appeared with the Folio Society, has been issued in a revised edition with Oxford University Press in their World's Classics series.

Professor Harrison is Emeritus Professor of English and writer in residence at Carleton College, Northfield, Minnesota.

He has read his poems in many places throughout the English-speaking world, including the Edinburgh Festival, the Commonwealth Literary Festival and at scores of colleges and universities in England, America and Australia.



Keith Harrison. Photo Ashley Starkey, courtesy of Helpmann Academy.

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CLAPHAM: Fully furn. and equipped house avail for rent from April 22 to July 26. 5 large brs, \$150p.w. plus phone, ETSA, gas. Ph Malcolm 8357 5947.

ERINDALE. Short/long term. Female, non-smoker, to share fur. house with one other; own phone, r/c air cond, lock-up garage, quiet area. \$80p.w.+ some expenses. Ph 8332 9973.

HENLEY BEACH: Fully furn. and equipped house avail for rent from July 20 to the end of December. 2 br + study, open plan, low maintenance, private section, near beach, shops and pub transport. Suited to visiting academics. Car negotiable. \$250p.w.. Ph 8303 4767.

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SWITZERLAND: Furnished, flat 4 km from Interlaken, on Lake with view of Alps. 2 brs, large lounge, can sleep up to 6. Avail for 1 week or more. Ph Liliane 8362 4243.

WANTED: Visiting academic from Germany seeks fully furn. house. Suitable for family of four, prefer Eastern suburbs for 1 year from Aug 1999 to July Y2K. Ph/Fax: Ewe 8379 9616

FOR SALE

APPLE COLOUR STYLEWRITER: 4500, unused. \$200. Contact David on <ddrury@geology.

adelaide.edu.au>

FORD LASER: Ghia Hatch, 1981, VTU 508, Manual, White, 1.5L, \$2500. Must sell as leaving Australia. Excellent Cond, new air/c., great stereo. Ph 8224 0686 or 0413 902 456

HOLDEN BARINA: 1994 1.4i, 5 speed manual, white, radio/cassette, air cond, 17,345 km. VOD 296. \$11,500 ono. Ph 8332 4211 or 8303 5167.

MAGNA: Sedan 1986 SE, 5 Speed manual, airconditioned, New Motor, Accessories included, Good Condition UYG 081, Price: \$3,600 ono. Ph Chris 0412 389 680 or Mandi 8303 5778.

PAPER GUILLOTINE: "IDEAL 3600", blade 35.5cm,

capacity 40mm. Good cond., includes spare blade. Replacement cost approx. \$2000, will accept \$350 ono. Ph: 8276 2763 or 0407 716 944.

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Bulletin Board

APRIL 5, 1999

THE UNIVERSITY OF ADELAIDE

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National Science Week

3-7 May 1999, University of Adelaide
Multimedia - Interactive - Hot Science in SA

National Science week is Australia's only nation-wide celebration of science that involves people of all ages, backgrounds and interests.

The aim of the week is to increase awareness of the importance of science and technology to our economic and social well-being through a focused and accessible week of science based activities.

This year the Faculty of Science is hosting a series of exciting and informative night presentations which are open to people of all ages, backgrounds and interests.

Monday 3 May

Frogs, Mosquitoes, Cats and Koalas - Environmental and Social Issues for South Australia: Presenters: Associate Professor Mike Tyler, Dr David Paton and Professor Hugh Possingham, University of Adelaide, and Dr Mike Kokkin, University of SA. Rennie Lecture Theatre. 7:30pm.

Tuesday 4 May

Cosmic Explosions and the Creation of the Elements: 1999 International Women in Physics Lecture Series. We are made of star dust. Hear how the world around us including carbon, gold and other atoms,

was actually formed during the life and death of stars. Presenter: Professor Jocelyn Bell Burnell, The Open University, UK. Rennie Lecture Theatre. 7:30pm.

Wednesday 5 May

The Lou and Dennis Explosive Chemistry Show: Be amazed by explosive reactions in the Lou and Dennis "Big Bang Show". Presenters: Dr Louis Rendina and Dr Dennis Taylor, University of Adelaide. Rennie Lecture Theatre. 7:30pm.

Friday 7 May

Hollywood Dinosaurs - Truth is stranger than Fiction: Take a look at the science hidden in modern dinosaur films such as Jurassic Park - what is truth and what is fiction? Presenters: Dr Chris Daniels, Dr Richard Jenkins and Professor Rob Saint, University of Adelaide. Rennie Lecture Theatre. 7:30pm.

For Information and Bookings: Sarah Farrelly, Academic Services Officer, Faculty of Science, University of Adelaide. Ph (08) 8303 4003 Fax (08) 8303 4386 Email: <sfarrelly@science.adelaide.edu.au>.

Celebrating
125 years

125th Anniversary Logo

The Vice-Chancellor has approved a special logo to mark the University's 125th anniversary this year. The colour version picks up the gold of the University's four-colour crest, and is designed to be used on letterhead with that crest. Departments and staff wishing to have four-colour letterhead overprinted can arrange to do so

through the Image & Copy Centre, Level 1, Hughes Building.

There may also be other occasions where it is appropriate to use the logo, for example, printed material for special events and lectures, and departments are encouraged to take the opportunity to promote the 125th anniversary through the logo wherever possible. A black and white version is also available.

Advice on appropriate use of the logo in formats other than the full-colour letterhead should be sought from John Edge, Acting Manager, Media & Publications, tel 8303 4030, email: <john.edge@adelaide.edu.au>.

Public Meeting: A Forum on Globalisation

Sunday 18 April 1999, 1.00pm - 4.00pm, Lecture Theatre HH508, Level 5, Hans Heysen Building, University of South Australia, City West Campus.

Reclaiming the economy: The People vs Global Finance

Keynote Speaker: Hon Paul Hellyer (former Deputy Prime Minister of Canada, Founder Action Canada movement).

Other Speakers: Dr Tim Doyle (President, Conservation Council of SA); John Spoehr (Director, Centre for Labour Research, University of Adelaide); Chris White (Secretary, United Trades & Labor Council of SA); Dr Christine Burke (Senior Lecturer, Adelaide College of Divinity).

Panel discussion 4.00pm - 5.00pm.

Tickets at entrance: \$5 / gold coin (concession). Tea and coffee provided.

Information: Jennifer Whitehead, 8371 3300 or John Hermann, 8264 4282.

TUESDAY 6 APRIL

12noon Plant Science Seminar:

Is there really Western and Southern regions of the GRDC for wheat breeding? by Gil Hollamby (Plant Science). Charles Hawker Conference Centre, Waite Campus.

3.15pm Anthropology Seminar:

Waves of Song: Towards an embodiment of Yolngu Politics and Sexuality in Sound and Movement by Dr Fiona Magowan (Anthropology). Room 722, 7th Floor, Napier Building.

WEDNESDAY 7 APRIL

10.10am Electrical and Electronic Engineering Seminar:

Automatic Target Detection and Discrimination in Radar Imagery by Dr Jim Schroeder (Senior Research Fellow, CSSIP). Lecture Room S112, Engineering South.

1.00pm Friends of the State Library of SA Talk: Anne Newmarch (Artist). Admission \$5/\$3 concession and members. Insitute Building, cnr Kintore Av (entrance) and North Tce.

1.10pm Genetics Seminar: Desperation strategies for cloning genes from unusual organisms by Dr Michael Lardelli. Seminar Room, Ground Floor, Fisher Building.

1.10pm Geology and Geophysics Seminar: ODP Drilling in the Bight-Stratigraphic Controls in Context of the Cainozoic History Southern Margin by Dr Q Li (Queen Elizabeth II Fellow). Mawson Lecture Theatre.

THURSDAY 8 APRIL

12noon HCCR/IMVS Seminar: Role of phospholipid transfer protein in

COMING EVENTS

6th April — 16th April

lipoprotein metabolism by Professor Christian Ehnholm (National Public Health Institute, Helsinki). Verco Theatre, IMVS.

12.05pm Psychology Seminar: Metamemory in late adulthood by Dr Lynn Ward (Psychology). Room 527, Hughes Bldg.

1.00pm Chemical Pathology Seminar: My Favourite Web Site by Members of the Department. Seminar Rm 1, 4th Floor, Clarence Reiger Building, WCH.

FRIDAY 9 APRIL

10.00am Women's Studies: Postgraduate Workshop: Feminist Text Analysis by Sarah Mills (University of Essex). Florence Batchelor Room, Education Building (cnr Pulteney St & North Tce).

1.10pm Elder Conservatorium Hour Lunch Concert: Elder Conservatorium Chamber Orchestra, Semyon Kobets - conductor. Elder Conservatorium Wind Ensemble, Robert Hower - conductor. Elder Hall. Admission \$2.

1.10pm Law Seminar: Corporate Homicide by Professor Nicola Lacey (Professor of Law, London). Seminar Room 216, Ligertwood Building.

2.00pm English / Women's Studies Seminar: Colonial Domestic Space by Professor Sarah Mills (Essex). Room 618, Napier Building.

3.30pm Agronomy & Farming Systems Seminar: Faba bean response to water and temperature stress

in the Mediterranean Climate by Mr Shamboo Bhat (AFS/Plant Science). Seminar Room, AFS, Roseworthy Campus.

4.00pm Obstetrics & Gynaecology Seminar: Current theories of SIDS by Dr Roger Byard (Pathology, WCH). Seminar Room, 6th Floor, Medical School North.

TUESDAY 13 APRIL

4.00pm Waite Campus Distinguished Lecturer Series: Nematodes, Figs and Fig Wasps: Or What's That in Your Fig Newton? A model for Studying Nematode Cospeciation and Biodiversity by Professor Robin Giblin-Davis (University of Florida). Charles Hawker Conference Centre, Waite Campus.

WEDNESDAY 14 APRIL

12.30pm General Practice Teaching Unit Grand Rounds: The Move to Community Based Teaching for Final Year Students: The Way of the Future by Dr Justin Beilby (Senior Lecturer/Deputy Head, General Practice). South Wing Seminar Rooms, Modbury Public Hospital.

1.00pm Clinical & Experimental Pharmacology Seminar: Methadone and beyond: maintenance pharmacotherapies in the treatment of heroin dependence by Dr Jason White (Candidate for the Chair of Addiction Studies). Rm S127, Medical School Sth.

1.10pm Horticulture, Viticulture & Oenology Seminar: Identification and characterisation of fruit-specific pathogenesis related proteins that accumulate during ripening in *Vitis vinifera* by Mr David Tattersall (Horticulture, Viticulture & Oenology). Plant Research Centre Auditorium, Waite Campus.

1.10pm Genetics Seminar: Regulation of Drosophila hedgehog expression by Dr M Fietz. Seminar Room, Ground Floor, Fisher Building.

THURSDAY 15 APRIL

1.00pm Chemical Pathology Seminar: Alpha-Mannosidosis by Dr Thomas Berg (Chemical Pathology). Seminar Room 1, 4th Floor, Clarence Reiger Building, WCH.

FRIDAY 16 APRIL

1.10pm Elder Conservatorium Lunch Hour Concert: Marion Middenway - baroque cello, Katrina Brown - harpsichord. A Portrait of the Early Cello. Elder Hall. Admission \$2.

1.15pm Inaugural Lecture Series: The Control of Voluntary Movement by Professor Philip Thompson (Medicine). Lecture Theatre 102, Napier Building. All welcome.

7.30pm National Textile Museum of Australia: Talking Textiles: A new take on batik by Linda Kaun (Batik Artist, Indonesia). Urrbrae House, Waite Campus, Fullarton Road (entrance), Urrbrae. Admission \$8/\$5 members. Bookings/information: 8303 6728.

SITUATIONS

VACANT

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

RESEARCH OFFICER

(Ref: 3313)

Department of Obstetrics and Gynaecology

Salary HEO6 \$38,751 - \$41,959

To provide research assistance for studies on androgen receptors in polycystic ovary syndrome.

You should have:

- BSc in a relevant area
- experience in characterisation of steroid receptors
- extensive laboratory experience in molecular techniques.

The position is available immediately on a 45 hours per fortnight basis to 28 February 2000, in the first instance. The working pattern is negotiable. Further information concerning the position including the duty statement and selection criteria may be obtained from Professor Robert Norman tel: 8222 6788, fax: 8222 7521 or email: <rnorman@medicine.adelaide.edu.au>.

*APPLICATIONS to Professor RJ Norman, Department of Obstetrics and Gynaecology, The Queen Elizabeth Hospital, Woodville, South Australia 5011, by 19 April 1999.

ADMINISTRATIVE OFFICER

(Ref: 3463)

Faculty of Humanities and Social Sciences

Salary HEO4 \$30,736 - \$33,808

You will be responsible for answering enquiries from students, staff and the general public in a busy Faculty office, while providing a wide range of administrative support in the areas of student administration and Faculty administrative duties. This will include duties such as typing correspondence, taking minutes of meetings, processing student applications relating to their enrolment, providing basic advice to students on their degree requirements, and providing administrative support to the

Faculty's Community Access Programme and the Faculty's prizes.

You should have:

- excellent interpersonal skills and oral and written communication skills
- demonstrated high level computer literacy with a knowledge of Word and Excel
- excellent organisational and clerical skills, including typing, filing and arranging meetings
- ability to work under pressure and order priorities while maintaining attention to detail
- a basic knowledge of the Student Information System.

This continuing position is available immediately. Further information concerning the duties of the position including the duty statement and selection criteria may be obtained from Ms Corrine Ormsby, tel: 8303 5186.

*APPLICATIONS to Mr Robert Ewers, Acting Faculty Registrar, Faculty of Humanities and Social Sciences, University of Adelaide, Australia 5005, by 14 April 1999.

**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.

SENIOR LECTURER

(Ref: 3370) (Limited-Term)

Department of Medicine

Queen Elizabeth Hospital

Salary: \$59,332 - \$68,415* + Clinical loading of \$15,929

The Queen Elizabeth Hospital is a major teaching Hospital of the University of Adelaide and is amalgamated with the Lyell McEwin Health Service.

The successful applicant will be expected to play an active role in cardiology clinical medicine in the Hospital's Division of Medicine and cardiology research in the University Department of Medicine. In addition, the successful applicant must play an active role in undergraduate and postgraduate teaching as well as

participate in the provision of clinical services within the Division. The Department teaches medical students during the third, fourth, fifth and sixth years of the course, in a curriculum which emphasises patient contact, bedside teaching and problem-based and self-directed learning techniques.

You should have:

- medical degree registrable in South Australia as a cardiologist
- a higher degree, MD or PhD
- demonstrated track record in research.

Provision is made for private practice in accordance with the University's rules relating to the practice of a discipline.

*We provide a salary supplement as specified by the South Australian Health Commission.

The position is available from April 1999 for a five year period. Further information including the selection criteria may be obtained from Professor Richard Ruffin or Professor John Horowitz, tel: (08) 8222 6740 or fax: (08) 8222 6042.

*APPLICATIONS to the General Manager, Human Resources, University of Adelaide, Australia 5005, by 7 April 1999.

RESEARCH ASSOCIATE OR COMPUTER SYSTEMS OFFICER

(Ref: 4075) (Fixed-Term)

Department of Computer Science

Salary: Research Associate \$37,779 - \$46,013/Officer: \$38,751 - \$41,959

The Department has a research project on the specification and analysis of concurrent systems, such as computer networks, hardware designs and manufacturing systems. The formalism used is based on Petri Nets which is augmented with object-oriented features. The next stage of this research, which is funded by the ARC, will consider the development of incremental analysis techniques that will take advantage of the incremental specifications which utilise the object-oriented features.

The Research Associate should have:

- a postgraduate degree in Computer Science

- some background in formal specification and programming experience as below.

The Computer Systems Officer should have:

- a degree in Computer Science or a related discipline
- be familiar with installing software packages on Unix systems
- competent in C++ programming and Unix shell scripts
- be familiar with the research environment.

Experience with GUI programming is desirable.

The position is available immediately for a period of two years. Further information including the selection criteria and duty statement are available from Professor C Barter or Dr Charles Lakos, tel: (08) 8303 5586, fax: (08) 8303 4366 or email <Charles.Lakos@cs.adelaide.edu.au>.

*APPLICATIONS to the Head, Department of Computer Science, University of Adelaide, Australia 5005 by 30 April 1999.

ADMINISTRATIVE ASSISTANT

(Ref: 4697)

Research Branch

Full-time Salary: \$26,725 - \$30,467

To provide administrative and data entry support to the Research Policy Unit. Duties include data entry; providing administrative and clerical assistance to the Unit; and maintaining records and resource materials.

You should have experience in office practices, data entry and working with data bases; proven data entry skills and proficiency in IBM compatible Window-based software packages; and well developed written and oral communication skills.

This continuing position is available from late April on a 58.8 hours per fortnight basis, with the possibility of conversion to a full-time appointment. The selection criteria and duty statement from Coleen Roddam on 8303 5137. Further details tel: Eliza Chui 8303 3789

*APPLICATIONS (4 copies) to the Director, Research Branch, University of Adelaide, Australia 5005, by 9 April 1999.

BP21

PROJECT NEWS

ENROLMENT

A pilot project to analyse the current undergraduate enrolment processes led by Lynette Swift (Commerce) and Nigel Ewan (Science) reported its work in December 1998. The report indicated the need to improve service to students by minimising student waiting times, improve the quality and availability of printed advice, and the need for greater cooperation across the various areas involved in enrolments.

These findings have been amplified in a report of the results of a survey of student satisfaction undertaken in January 1999 which is available on the BP21 web site. Benchmarking of existing practices against best practice in other universities and identification of short and long term alternatives is now underway.

The main longer-term goal, to be enabled by the MIS2001 implementation, is for a fully operational on-line system which students can use to enrol either on campus or remotely. A major issue to be addressed is the need to streamline course structures (course rules, pre & co-requisites and restrictions) to enable automated enrolment validation. Another issue is how and when course advice is given and whether it could be optional.

Details: Pam Dwyer, ext 36153 or <pdwyer@eng.adelaide.edu.au> or Dave Lamb, ext 33167 or <dlamb@registry.adelaide.edu.au>. URL: <http://www.adelaide.edu.au/DS_SS/new/redesign/index.htm>.

MIS2001 - A MESSAGE FROM THE PROJECT DIRECTOR

The MIS2001 project has the objective of improving the effectiveness of the University's business processes and customer service through the implementation of new integrated information systems. PeopleSoft has been selected as the preferred software supplier and the MIS2001 project team is currently evaluating implementation partners to assist in this project. Preliminary planning activity is well under way and you can expect to hear a lot more about this project in coming weeks and months.

While the emphasis to date has been on selection of technology, it is very important that we maintain the focus on business issues rather than just technology. In this sense, MIS2001 and BP21 are complementary projects:

- information technology can be an important enabler of business process change - that is, MIS2001 outcomes will be used to support new business processes arising from BP21;
- business process change will be an integral part of MIS2001. We will be looking to change the way we do business and take advantage of the facilities offered by the new technology.

Details: Richard Arrowsmith, ext 3315 or <richard.arrowsmith@adelaide.edu.au>. URL: <<http://www.isb.adelaide.edu.au/mis2001/index.html>>.

EMPLOYMENT INFORMATION

*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 statement may be obtained from the contact officer named in the advertisement.

NOTICE TO APPLICANTS: Applicants for all positions should retain the relevant reference number and watch the "Notice to Applicants" column in the *Adelaidean* for advice about the filling of the position.

NOTICE TO APPLICANTS: The University notifies applicants that the following vacancies for Higher Education Officers (HEO) with the reference numbers as stated have been filled and thanks them for their interest: 3812 HEO5/6, Department of Obstetrics and Gynaecology, Women's and Children's Hospital; 3347 HEO4, Office of School of Engineering; 2155 HEO4 and 3738 HEO5/6, Department of Plant Science; 4896 HEO7, CRC for Weeds; 3890 HEO2, Student and Staff Services; 6867 HEO4, Student Administration; 9758 HEO4, Department of Soil and Water.

HUMAN RESOURCES DEADLINES FOR ADELAIDEAN

For the *Adelaidean* of 3 May, advertising paper work must be to Human Resources by 16 April.

For the *Adelaidean* of 17 May, advertising paper work must be to Human Resources by 30 April.

HR WEB PAGE for advertised positions <<http://www.adelaide.edu.au/HR/advpos.htm>>.

GENERAL

NOTICES

Professional & Continuing Education Courses

Courses below are offered through Professional and Continuing Education. Please call 8303 4777 or email <conted@oce.adelaide.edu.au> for further information and bookings.

COMPUTER SKILLS

Introduction to PC and Windows: Thurs 8 April (9.00am - 4.00pm). Cost: \$165.

Power Point: Fri 9 April (9.00am - 4.00pm). Cost: \$165.

Keyboard Skills: Mon 12 April (9.00am - 4.00pm). Cost: \$165.

MS Word - Intermediate: Wed 14 April (9.00am - 4.00pm). Cost: \$165.

MS Word - Introducton: Mon 19 April (9.00am - 4.00pm). Cost: \$165.

Creating & Administering a Small Web Site: Thurs 22 April (9.00am - 12.30pm). Cost: \$95.

PROFESSIONAL COMMUNICATION SERIES

Writing Letters and Reports: Fri 9 April (9.00am - 4.30pm). Cost: \$165.

LEADERSHIP AND MANAGEMENT SERIES

Managing Projects: Wed 14 April (9.00am - 4.30pm). Cost: \$165.

Experiential Learning Through Reflection: Mon 19 & Tues 27 April (9.00am - 12.30pm). Cost: \$165.

Managing Performance: Tues 20 April (9.00am - 4.30pm). Cost: \$165.

OCCUPATIONAL HEALTH AND SAFETY

Use of Portable Fire Extinguishers: Thurs 15 April (9.00am - 10.30am). Cost: \$25.

Rehabilitation and Workers Compensation: Fri 16 April (9.00am - 12.30pm). Cost: \$25.

Voice Mail Roll-out

The telecommunications office in ITS will be rolling-out Voice Mail to the University community during the next few months. Initial training will be provided to

each person who would like to utilise the voice mail facility. The training schedule is by building, involving each department. Please ensure that your department has sent us a list of prospective voice mail users and their ext numbers before your building is due otherwise you may be rescheduled. The telecommunications office will contact each department a few days beforehand to inform you of the exact date and time of training.

BUILDING - WEEK BEGINNING

- 233 North Terrace - 29 March
- 230 North Terrace - 29 March
- Ligertwood - 6 April
- Mitchell/Hughes/Wills - 12 April
- Engineering - 19 April
- Maths - 27 April
- Medical Sch/Dental Hosp/ Frome Rd - 3 May
- Napier - 10 May
- Hartley - 17 May
- Plaza/Horace Lamb/ Architecture/Staff Club - 17 May
- BSL - 24 May
- 10 Pulteney/Education/ Environ Studies - 31 May
- Johnson/Jordan/Badger - 31 May
- Fisher/Mawson/Benham - 7 June
- Darling - 7 June
- Physics/Oliphant - 7 June
- Roseworthy - 10 June
- Waite - 15 June
- Thebarton - 21 June

Harold J Rodda Memorial Scholarship

Applications are now invited for the 1999 Harold J Rodda Memorial Scholarship of \$1,000.

The scholarship is designed for a full time postgraduate student who will reside in Kathleen Lumley College which is the postgraduate residential college of the University of Adelaide.

Application forms together with information regarding the scholarship may be obtained by contacting the Kathleen Lumley College Office, tel 8267 3270.

Applications close on 26 April 1999.

John Connell Gold Medal

The inaugural John Connell Gold Medal has been presented to Professor Robert Warner by the Structural College of the Institution of Engineers (Australia). John Connell, now retired, was the principal and founder of John Connell and Associates, now practising in Australia and internationally as Connell Wagner. Bob Warner, Professor of Civil Engineering until his retirement on 31 March 1999, receives the Award for his contribution to the knowledge of design of reinforced concrete and post tensioned concrete structures in Australia. John Connell, who now lives in Melbourne, came to Adelaide especially to present the inaugural medal to Professor Warner at a ceremony attended by many of Bob's friends and colleagues.

First Semester Commemoration Ceremonies 1999

No.	Date and Time	Faculties, Schools and Courses
1	Wednesday 14 April 10.30am	Dental School - all awards Medical School - all awards
2	Wednesday 14 April 2.30pm	School of Commerce - all awards School of Economics - all awards Graduate School of Management - all awards
3	Thursday 15 April 10.30am	Faculty of Humanities and Social Sciences <ul style="list-style-type: none">• Doctorates, Masters, Graduate Diplomas, Graduate Certificates and Bachelors from the Departments of Education• Honours BA - Family names A-M*• Ordinary BA - Family Names A-K*• Ordinary BA (Jurisprudence)
4	Thursday 15 April 2.30pm	Faculty of Humanities and Social Sciences <ul style="list-style-type: none">• Doctorates, Masters, Graduate Diplomas, Graduate Certificates and Bachelors from the Departments other than Education• Honours BA - Family names N-Z*• Ordinary BA - Family names L-Z*
5	Wednesday 28 April 10.30am	School of Architecture, Landscape Architecture and Urban Design <ul style="list-style-type: none">• Bachelor of Design Studies School of Engineering - all awards
6	Wednesday 28 April 2.30pm	Faculty of Agricultural and Natural Resource Sciences - all awards School of Law - all awards
7	Thursday 29 April 10.30am	School of Mathematical Sciences - all awards The Elder Conservatorium, School of Performing Arts (including AMEB) - all awards Faculty of Science <ul style="list-style-type: none">• Honours BSc
8	Thursday 29 April 2.30pm	School of Architecture, Landscape Architecture and Urban Design <ul style="list-style-type: none">• All awards except Bachelor of Design Studies Faculty of Science <ul style="list-style-type: none">• Doctorates, Masters, Graduate Diplomas and Graduate Certificates• Ordinary BSc• Ordinary BSc (Jurisprudence)

* Some minor adjustment to the alphabetic groupings may be undertaken to equalise numbers at each ceremony

The Bunday Prize for English Verse 1999

The Bunday Prize of \$150 is offered for the best poem or group of poems in English submitted in competition.

The competition is open to both graduates and under-graduates of the University of Adelaide, provided **that they are enrolled at the University at the date fixed for sending in poems**. No restriction is placed on the subject, form, or length of the poem or poems.

Entries, preferably typed, must be accompanied by the name of the author in full and be delivered to the Faculty of Arts Office, Rm 206, Napier Bldg, no later than 31 July 1999.

The prize shall not be awarded twice to the same competitor. Copies of all poems presented will be retained, and a copy of the successful entry will be deposited in the Barr Smith Library.

The Prize is not confined to any particular Faculty and entries will be welcomed from all sections of the University.

Judges will be appointed from the English Department and the Prizewinner should be known by the end of Semester two. All entrants will be advised of the results by mail.

R Ewers, Registrar, Humanities & Social Sciences

PUBLIC LECTURE

Professor Raoul Bott (Harvard University) will give a public lecture entitled: *Shape in Mathematics and Physics* at 12.05pm on Thursday 22 April 1999 in the Kerr Grant Lecture Theatre. All welcome.

Further details of this lecture are available at the website: <<http://www.maths.adelaide.edu.au/Pure/vmathai/bott.html>>.

Enquiries concerning Professor Bott's visit to Adelaide may be directed to <vmathai@spam.maths.adelaide.edu.au>.

National Textile Museum of Australia: 1999 Exhibition Program

Open Wednesday to Sunday, 11.00am - 4.00pm. Admission \$5.00. Urrbrae House, Waite Campus, University of Adelaide, Fullarton Road, Urrbrae. Tel 8303 6728.

OUT OF THE CLOSET: Commemorating 25 years of Australian textile art. Open until 9 May.

TRAVELLER'S TREASURES: Personal textile favourites and how they came to be part of the family. 22 May - 18 July.

RETURN TO TRADITION: 16 days only, a selling exhibition of rugs from the DOBAG natural dye research project in Turkey, 24 July - 8 August.

FAUX FRILLS: Textile treatments for performance costume, taken from the wardrobe of the Australian Ballet. September - November.

LUMINIS

SNAPSHOTS

Sam Luxton retires from the Luminis Board

After ten years as a Director of Luminis Pty Ltd, Professor Sam Luxton has retired. At a recent farewell function to thank Sam for his service, Managing Director Peter Hart gave a heartfelt speech expressing his gratitude.

"Sam Luxton is one of the strongest supporters of Luminis within the University's research community", he said.

"He provided valuable input to Board deliberations by presenting a viewpoint which reflected not only a commercial outlook, but also took strongly into consideration the less commercial drives of the academic community."

Peter Hart went on to say that "Sam was never afraid to deliver his opinions with forthrightness and honesty. He was one of the guiding architects of the University's intellectual property policy and the charter under which Luminis acts to safeguard and commercialise the University's intellectual property".

As a Director, Research and Entrepreneur, Sam was highly regarded for the professional

manner in which he was able to identify the proper and correct path for the parties involved.

Those gathered at the function were unanimous in their support for these words of gratitude, including the presentation of a poem "commissioned" and delivered by Janet Dibb-Smith and Sarina Caruso.

Sam

*Today dear Sam departs our Board
Our grateful thanks we do accord.
By Luminis Sam stood in days
gone by*

*to ensure the Company did not die.
When you're gone, we'll feel so empty
But know you're happy in your Rolls
Royce 20!*

*Engineering Excellence is your aim
As many students will acclaim.
Big energy savings in the air
are made whenever Dadanco's there.
With Adelaide Brighton you joined
our hand
And cement kilns flourished
throughout the land.*

*Mixing Burners are your game
And soon, Australia's Olympic
Flame.
And like that Torch that burns so
bright
You'll always be our Leading Light!*

Best wishes on your Retirement.



Professor Luxton thanking Janet and Sarina. Peter Hart in background

RESEARCH BRANCH UPDATE

ARC International Researcher Exchange Scheme (IREX)

Applications for support in 2000 under the IREX scheme close with the Research Branch on Wednesday 7 April. Further information may be obtained from Vada Obsorn, extension 33387.

Strategic Partnerships with Industry-Research and Training (SPIRT) Scheme

Application forms and guidelines for funding in 2000 under this scheme are now available from the Research Branch web site. Applications close with the Research Branch on Tuesday 27 April.

The scheme is designed to encourage and develop long-term strategic alliances between higher education institutions and industry.

Further information is available from Vada Osborn (ext 33387).

Research Infrastructure (Equipment and Facilities) Program - 2000 Grants

The main objective of this program is to fund relatively large scale initiatives (in excess of \$100,000) to develop research infrastructure on a cooperative basis across groups of institutions or the higher education system as a whole, or with organisations outside the system. Approximately \$19.6 million will be available through the program in 2000. Funding is for one year only.

The application form and guidelines, and a report on the allocation of grants for 1999, are available through the Research Branch web site at: <www.adelaide.edu.au/RB/formslist.html>.

Final applications are due in the Research Branch by Friday, 28 May 1999, but some details will be required before then.

If you are considering submitting an application please notify Vada Osborn in the Research Branch of your interest as soon as possible (by email vosborn@registry.adelaide.edu.au or on extension 35137).

RESEARCH AND SCHOLARSHIPS

AND OTHER FUNDING SCHEMES

Research Grants and Fellowships

The following is a list of grant, fellowship and other research funding schemes currently available for application. A more detailed electronic version of this listing (Update: Research), 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 contact the Research Branch, ext 35137; email <research@registry.adelaide.edu.au> or cmail RESEARCH, Branch.

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.

Industry, Science & Resources; Dept of (DISR) - Technology Diffusion Program (TDP): This Program has three integrated components: Technology Alliances; Technology Transfer; and Online Business. Details from the AusIndustry web site: <<http://www.ausindustry.gov.au/tdp>>. U19/98

Australian Research Council - International Researcher Exchange (IREX) Scheme for 2000: Internal closing date: 7 April 1999. U4/99

Wellcome Trust - Overseas Senior Research Fellowships in Biomedical Science to be held in Australia, New Zealand, South Africa or India: Internal closing date (Preliminary Applications): 12 April 1999. U6/99

New South Wales Ministry for the Arts - New South Wales Premier's History Awards 1999: Internal closing date: 16 April 1999. U6/99

Raine Island Corporation - Research Support Scheme 1999/00: Internal closing date: 16 April 1999. U6/99

Department of Agriculture, Fisheries and Forestry - Australia (National Offices of Animal and Plant Health and Food Safety): Wildlife and Exotic Diseases Preparedness Program - 1999/2000 Project Proposals: Internal closing date: 23 April 1999. U6/99

Emergency Management Aust (EMA) - 1999/2000 Australian Disaster Research Grants: Internal closing date: 23 April 1999. U5/99. Web site: <<http://www.ema.gov.au/ausgrants.htm>>.

National Library of Australia - Harold White Fellowships: Internal closing date: 23 April 1999. U4/99. Web site: <www.nla.gov.au/1/gencoll/fellows.html>.

Sylvia & Charles Viertel Charitable Foundation - 1999-2000 Senior Medical Research Fellowships and Establishment Grants for Viertel Clinical Investigations: Internal closing date: 23 April 1999

Heart Foundation - Grants-In-Aid for Research (Biomedical and Education/Health Promotion): Internal closing date: 23 April 1999. U4/99

Northern Territory Government / Department of Corporate and Information Services: Northern Territory History Awards '99: Internal closing date: 23 April 1999. U5/99

Ian Potter Foundation and Ian Potter Cultural Trust - Grants: Internal closing dates: 26 April, 26 July & 25 October 1999. U2/99

Australian Research Council - Strategic Partnerships with Industry-Research and Training (SPIRT) Scheme: Internal closing date: 27 April 1999. U4/99

Juvenile Diabetes Foundation Australia - 1999 Travel Grants for Young Researchers: Internal closing dates: 6 May, 5 August & 4 November 1999. U23/98

Anti-Cancer Foundation of South Australia - Research Grants-In-Aid 2000: Internal closing date: 13 May 1999. U5/99

Scholarships

Unless otherwise stated, further information and application forms are available from the Registrar, Scholarships, or the Scholarships Officer, Graduate Studies and Scholarships Branch, Level 7, Wills Building, ext 35697/33044. Please lodge all applications with the Scholarships Office unless otherwise stated.

Aileen & Bert Kollasche Scholarship for the Study of Australian Flora: Open to Australian citizens or permanent residents who are full-time postgraduates or honours students undertaking study relevant to the cultivation and/or preservation of Australian flora. Value: \$1,500pa. Closing: 15 April (Scholarships)

AR Riddle Scholarships: Open to honours students in financial need. Further details available from the Student Union Office, ext 35430. Applications available from Chris Gent, Student Union Office, or Anne Witt, Graduate Studies and Scholarships Branch, ext 35271. Closing: 30 April (Scholarships)

Cambridge Australia Trust: An information sheet regarding Packer and Poynton Scholarships for study at Cambridge in 1999, are currently available. Admission and scholarship forms available from The Secretary, Board of Graduate Studies, 4 Mill Lane, Cambridge, CB2 1RZ. Closing: Scholarship: 30 April (Cambridge)

City of West Torrens Max & Bette Mendelson Foundation Undergraduate Scholarship: Open to Australian citizens who are residents of the City of West Torrens for at least one year at time of application, and who are studying on a full-time basis in any degree or diploma course at the University of Adelaide, Flinders University or the University of South Australia. Tenable for one year. Closing: 16 April (City of West Torrens Council)

Hungarian Government Scholarships 99/2000: Available to university or college

graduates for a minimum of two months to a total of 24 months per academic year. Value: placement, tuition, accommodation, emergency and basic health care, 18000ft monthly allowance. Closing: 16 April (Canberra)

Menzies Research Scholarship in the Allied Health Sciences: Tenable in Australia to full-time PhD students undertaking research in one of the allied health sciences. Available for two years to students who have completed the first stage of their program. Value: \$24,000pa. Closing: 23 June (Scholarships)

Multiple Sclerosis Australia - Postgraduate Research and Summer Vacation Scholarships: Postgraduate scholarships open to registered medical graduates or appropriately qualified science graduates or health professionals. Vacation scholarships intended for currently enrolled undergraduates completing three or four years of a full-time course leading to an honours degree in medicine, health science or science. Applications to the funding body by 31 August 1999. Closing: 23 August-Postgraduate Scholarships (Scholarships)

Turkish Government Scholarships 1999: Higher Education Scholarships open to year 12 graduates who would like to study in Turkish universities, and Summer Courses available to university or higher educational institute graduates wishing to attend Turkish Language and Culture Summer Courses. Details: Embassy of the Republic of Turkey, 60 Mugga Way, Red Hill, ACT, 2603, ph: (02) 6295 0227; fax: (02) 6239 6592. Closing: 15 May (Summer courses); 15 July (Higher Education Scholarships)

William Donnithorne Awards: Awarded to one medical who has completed at least one full year of the MBBS, and one law student who has completed at least two years of tertiary study, including a minimum of eight points of law subjects. Awards will be based on academic merit and financial need. Closing: 30 April (Scholarships)