

Adelaidean

NEWS FROM ADELAIDE UNIVERSITY

APRIL 24, 2000

Wiggles report card: are they good for our kids?

THE WIGGLES—Australia's leading entertainers for kids—have come under scrutiny in a new study at Adelaide University.

The study, by Honours student Jon Osborne, measures the educational content of the Wiggles' performance against the long-held views of music education theorists.

Mr Osborne's research confirms what many Australian families have believed: not only are the Wiggles great entertainers, they're also doing an excellent job of educating our children.

With a strong interest in child education, Mr Osborne conducted the study as part of his Arts degree at Adelaide. He graduated with Honours on Thursday 20 April.

"The Wiggles are obviously a big influence in children's lives, but I wanted to see if kids could actually learn musical concepts and dance concepts from the group," Mr Osborne said.

"Very little research has been done into the educational impact of children's music today."

The views of three notable music education theorists were used as a checklist against the Wiggles' songs and performance.

The first, Emile Jaques-Dalcroze, was a world leader in rhythmical learning and training in the early 1900s. He believed that children could best learn musical concepts by "feeling" the music. This involved dance, hand clapping, feet tapping and other bodily movements choreographed to music.

The second, Carl Orff, founded a school for gymnastics, music and dance in Munich in the 1920s. He believed that children could best learn music by hearing simple melodies with a lot of repetition, tunes that were easy to follow, easy to understand, play and mimic.

The third theorist was composer and academic Zoltan Kodaly, who believed that every child had the basic tools for understanding and creating music. He thought that music should be interesting and entertaining for children, and that every child should be involved in singing.

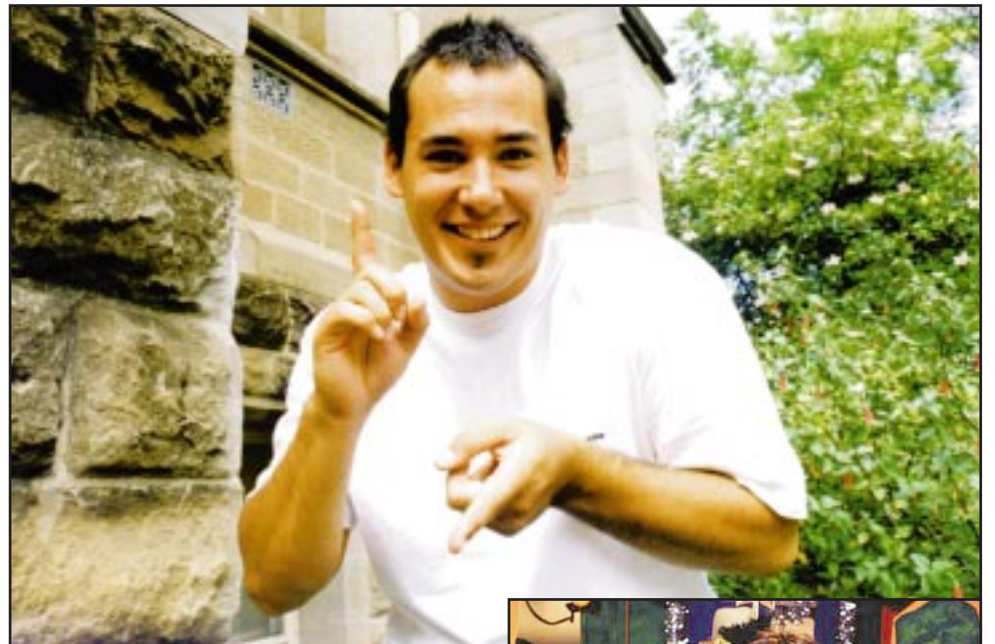
"The Wiggles match up very well against all of these ideals, and others," said Mr Osborne, who watched and analysed every Wiggles performance available on video cassette, and also listened to all of their albums. (Eight albums have been released since the group formed in 1990).

"The Wiggles are primarily aimed at entertaining kids. However, in the process of entertaining they also perform a strong educational role.

"Looking at Dalcroze's theories, for example, we can see that the Wiggles encourage children to learn through the various dance moves that accompany their songs—from fairly simple moves, aimed at the younger audience, to more complex moves aimed at older kids who have better coordination. By moving in time with the music they feel the music, and through that they gain a more total understanding of what music is."

Orff's theories are also practised by the Wiggles because all of their songs are based around simple melodies which involve musical and vocal repetition. Kodaly's theories are also upheld because children are encouraged to sing along with the Wiggles and become an interactive part of the performance.

"That interaction is very important to the Wiggles' show," Mr Osborne said. "If the kids are involved, doing the dances and singing the songs, the Wiggles can be very educational. Children can develop a greater aural awareness as well as develop a singing voice."



Honours graduate Jon Osborne.

Mr Osborne said although many people would simply consider the Wiggles to be wholesome entertainers, "if you take a step closer and look at it, you start to see that the Wiggles are doing what other people thought was the best way to teach music a hundred or so years ago".

That's not entirely surprising, he said, considering that all but one member of the group has a degree in early childhood education.

"Of course, there are things that don't match up in these theories because they were written at the turn of the century, and our ideas, especially about technology, have changed a fair bit.



Continued Page 4 The Wiggles.

Labcoat Leonardo could break science stereotype

IF Leonardo Di Caprio turned up to teach a high school chemistry class, it's guaranteed that students would sit up and take notice.

"Would they learn more about science? Who knows. But at least the students would see someone who wasn't a stereotypical scientist," said Adelaide University's Dr Chris Daniels (Department of Environmental Biology).

According to Dr Daniels, Leonardo Di Caprio is a fine example of how fashionable images can be used successfully to portray unfashionable or difficult topics.

While Leonardo would do little to convince us in a role as Rambo, in the context of a romantic hero he has taken Shakespeare to new heights of popularity.

"Science has always had a high profile in the media, from science fiction and disaster movies to more recent genetic engineering movies like *Jurassic Park*, *The Lost World*, *Lake Placid* and *Deep Blue Sea*.

"But like Leonardo himself, scientists portrayed in the movies have suffered from a stereotype that has perpetuated the attitudes of young people towards science today. That is, 'science is for nerds'."

By contrast, "Medicos and lawyers have it

made in the media," Dr Daniels said.

"Shows like *ER* and *The Practice* demonstrate not just that the occupation is interesting, but that the people themselves are strong, vibrant, honest characters dealing with important social issues.

"The portrayal of scientists and the scientific process is more difficult. Movies such as *Deep Blue Sea* have only reinforced the stereotyped image that scientists are eccentric, amoral, self absorbed and out of touch with the general community."

Dr Daniels believes the media is a very powerful tool for educating the public and could provide a platform to communicate science in an entertaining way.

"Changing the way scientists are projected in the media, and replacing them with real and positive images of who and what they really are, will go a long way in convincing the younger audience that scientists have a human side and are fun, that research can be an exciting and rewarding career and that science is very relevant to our everyday lives.

"Scientists such as David Paton or Mike Tyler more accurately portray the excitement and importance of science to our lives than say, the *Crocodile Hunter*," he said.

"So let's break the stereotype. Leonardo



Dr Chris Daniels with Leonardo Di Caprio, minus the lab coat. Photo: Rob Morrison.

wearing a lab coat? Mel Gibson as Sir Douglas Mawson? Jodie Foster or Cate Blanchett as Marie Curie? Now that would be science worth seeing."

Dr Daniels will speak on the media portrayal of scientists at the South Australian Science

Teachers Association (SASTA) conference dinner, 7.00pm Thursday 27 April. Tickets are \$48. Bookings through Judy Morton, SASTA Office, ph: 8224 0871, fax: 8224 0805, email: <sasta@cobweb.com.au>.

—Sarah Farrelly

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COMMENTARY

HEALTHY CAREER OPTIONS

Professor Brendon John Kearney
Executive Director Statewide, Department
of Human Resources

Whether it is dentistry, medicine, nursing, health services or management, it is likely that graduates in the health sciences will change jobs several times during their career, and even change career up to two or more times during their working life. The degrees that have been awarded this month at Adelaide University provide graduates with a start on a journey that can be, and is likely to be, varied, interesting and challenging.

Whilst many graduates may expect to enter into clinical dentistry or medicine, be it general practice or specialties, increasingly these degrees provide a framework for diversion into a world much broader than the traditional perception of clinical practice. Whilst most will enter clinical practice, graduates should also be aware that there are many career opportunities, because of the diversity and nature of healthcare.

Many of the colleagues of my vintage set out on a course of clinical dentistry or medicine, either in general practice or specialty practice, and later diversified into other areas of work.

A colleague of mine who completed dentistry found that he could combine clinical dentistry with epidemiology. He now runs Australia's finest Cancer Registry, a function vital to understanding of population health and the challenges of healthcare.

Another colleague of mine, my first cousin, found that although he liked clinical dentistry, he was interested in research and following a PhD in Immunology and Microbiology. He is now a Professor of Immunology in a major American University with a full time career in research.

Others have combined computing science with medicine, where health informatics, both at an educational and management level, is expanding rapidly. Others have combined the practice of law and medicine and have become Senior Partners in some of Australia's large legal firms dealing with professional indemnity and

commercial law as it applies to occupational health & safety and general negligence.

So whilst many graduates will embark on clinical dentistry, nursing and medicine, it is likely that another period of specialisation, whether it is general practice or another specialty, will take them on a journey of at least another five to six years study and training which will be enjoyable and interesting. However, whilst there are limited options for career medical officers who do not specialise, there are many opportunities to combine another interest given the breadth and extent of medical and dental practice.

Health sciences provides an excellent grounding in the basic sciences with options to embark on public and environmental health, research or to continue with management, law, computing etc. The options and choices are broad.

The nursing degrees awarded today are postgraduate and reflect the choices to specialise. However, nursing will also change rapidly. Hospitals will require nurses in high technology areas of care or in management. The CEO of the Royal Adelaide Hospital came through nursing. Community nursing will grow with home care and mental health services requiring a greater range of skills and responsibilities.

In most aspects of human endeavour perhaps one of the most interesting and challenging combinations is that of medicine and management, a course that I have followed. Good managers who are also clinicians have an advantage because of their professional knowledge and background in the general area and acceptance by clinicians. Medicine and management can be combined in a very significant range of areas, from managing bureaucracies, large private companies, working in the health insurance industry in occupational health and safety and workers compensation, through to clinician management. The opportunities are extensive.

“Graduates should assess their own skills and leanings and look for opportunities in a wide range of possibilities.”

I am aware that making these choices is often not easy. Graduates should assess their own skills and leanings and look for opportunities in a wide range of possibilities. In choosing a career, I urge

today's health sciences graduates to recognise that learning is built on teaching and research. Although service is likely to be the main goal or endeavour, we must always maintain enquiring minds and be prepared to share knowledge and ideas. The best clinicians are those who continue to be active and involved in teaching and research. Research stimulates the enquiring mind and association with students, undergraduates and postgraduates is a very potent tool to keep the mind sharp and active. Even if they venture into the private sphere of clinical activity, health professionals should always seek to be associated with teaching and research activities. One of the best ways of doing this is to associate with a university such as Adelaide and/or a teaching institution in healthcare.

The nature of healthcare has changed rapidly over the last decade with developments of new drugs and procedures that have revolutionised healthcare. These changes will continue into the next two decades with the nature of clinical care shifting from an inpatient base to same day, ambulatory or home care.

There will be significant developments associated with ageing. By the year 2010, it is believed that people living in a society such as ours will have an average life expectancy at birth of between 85 and 90 years.

Further development in drug treatments, particularly with naturally occurring hormones and vaccines, will contribute to a steady but progressive improvement in survival from cancer. Last month Adelaide University lost two of its Chancellors, both very eminent people. Bruce Webb died at the age of 73 from cancer and Dame Roma Mitchell died at the age of 86 also from cancer. Both contributed to many aspects of life in South Australia, but particularly

to the University. I hope that the next development in cancer control will be early detection by screening for colorectal cancer. The results of this screening far outweigh those of breast or cervical cancer screening. I had the privilege of knowing Dame Roma Mitchell for many years and she was a truly great South Australian who inspired many by her character and actions. Dame Roma suffered from colon cancer. I hope that in the not too distant future others will have the benefit of early detection and screening and perhaps Dame Roma's death can be a stimulus to us all to work for the introduction of such a program.

Another important area in our society is the growing incidence of mental health problems in developed countries. Whilst heart disease and cancer still represent the highest burden of disease, mental health disorders now come third and are increasing at a rapid rate.

We are beginning to understand the genetic basis of Alzheimer's and the first drug trials for Alzheimer's are underway in Australia. There will be further significant developments in drug treatment over the next decade. Likewise there will be drugs and procedures that form the first effective therapies in Parkinson's Disease/spinal injury. Most importantly a class of drugs that influences thought processes will be developed over the next two decades. Not only will they have an impact on mood disorders but we will be able to provide more effective treatments for such debilitating disorders such as schizophrenia, particularly in modifying paranoia as well as mood changes. These will be very significant developments and will change the nature of mental health problems in our society.

This is the world of change and discovery facing today's health sciences graduates, and I have only begun to scratch the surface. The University's graduates are privileged to be part of this future, and I wish them well as they embark on their new careers.

This commentary was adapted from Professor Kearney's address to graduating students in Bonython Hall on Thursday 13 April.

Letters to the Editor

Please send your letters to the editor, David Ellis, at the address below or email to: <david.ellis@adelaide.edu.au>.

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National Science Week 3-19 May

NATIONAL Science Week is upon us again.

Adelaide University is playing a major role during National Science Week (3-19 May), with public lectures, a panel discussion, professional development seminars, career advice and participation in the Great National Science Week Debate.

Humans: made to order? is the topic of the Great Debate, to be held at the Investigator Science Centre, Wayville, at 6.00pm on 11 May.

This topical public debate deals with the issue of human enhancement through bio- and other technologies.

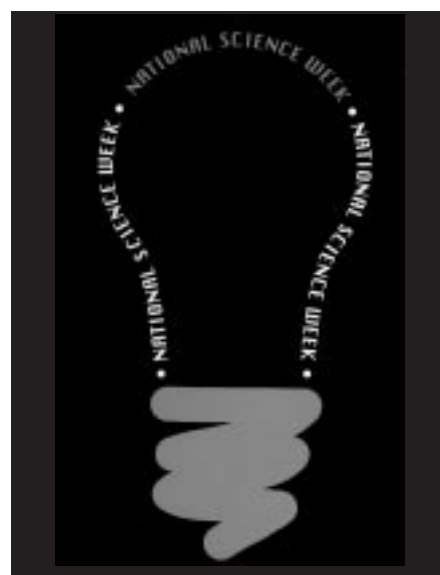
Debating teams include Lee Burgoyne and Rod Wills (Flinders University bio-technology researchers), Mia Handshin (Adelaide University Arts/Law student and Advertiser columnist), Ian Gilfillan (former Democrat MP), and Rob Morrison (Adelaide University science and technology journalist).

Science teachers will benefit from professional development at Adelaide University as part of National Science Week.

Two presentations have been organised on 8 and 10 May dealing with Cutting Edge Science, Engineering & Technology.

Run by the University's Faculty of Science and Faculty of Engineering, Computer & Mathematical Sciences, these sessions are designed primarily for secondary science teachers and will provide an insight into new and exciting research activities at Adelaide University.

The presentations also aim to provide



teachers with up-to-date information to take back to the classroom, to help encourage and motivate interested students to pursue careers in science and technology.

Monday 8 May deals with biological sciences and engineering, while 10 May deals with physical, chemical and earth sciences and engineering.

Both sessions will be held in Napier Theatre 102 in the Napier Building from 7.30pm.

Career advice is always important for secondary school students, which is why two career seminars have been organised at Adelaide University during National Science Week.

Tuesday 9 May: Exciting Careers in

Engineering and Science.

Tuesday 16 May: Exciting Careers in Maths and IT.

These careers seminars are designed for students from Years 9-12 and their parents. At each of the evenings four speakers with qualifications in computer science, engineering, mathematics or science will talk about their careers, giving some indication of the diverse range of opportunities for graduates from these areas.

Both seminars will be held in Napier Theatre 102 in the Napier Building from 7.30pm.

Adelaide University, 5UV and the Science Chapter of the Alumni Association will also provide the panel for a regional contribution to National Science Week, with SCIENCE FAQ-TS & FICTIONS to be held at the Festival Centre Ballroom, Port Pirie, on 17 May.

Hosted by the ABC, admission will be free. The panel discussion will be recorded for broadcast on regional ABC Radio.

Panellists include Sarah Robertson (Obstetrics & Gynaecology), Rob Morrison (science and technology journalist), Norman Athersmith (5UV) and Robert Perrin (ANZAAS, Alumni Science Chapter, and coordinator of National Science Week activities in SA).

The Science Chapter of the Alumni Association will also be sponsoring a number of events during National Science Week.

Turn to Page 8 for more Science Week information.

First graduates under partnership

SINGAPORE students have graduated for the first time under the joint program between Adelaide University and the Singapore-based education group Ngee Ann Kongsi.

Seventeen students—representing the first intake—studied for their Master of Business Administration (MBA) degrees in Singapore at the Ngee Ann-Adelaide Education Centre.

Established in 1998, the centre is a 50/50 partnership between the University and the Ngee Ann Kongsi, a foundation of the Teochew Chinese community which has a long-standing interest in welfare and education.

Through the arrangement, Adelaide University's MBA program is taught in Singapore. The University's Graduate School of Management offers the students a top quality MBA program in a city which is swamped with MBA providers.

Eight of the graduating students from the first intake were able to attend the graduation ceremony in Adelaide on Thursday 13 April. Directors of the Ngee Ann-Adelaide Education Centre, including Mr Teo Chiang Long and Mr Teoh Eng Hong, both past graduates of the University, were also in Adelaide for the event.

Speaking at the graduation dinner at Ayers House, Mr Teoh said he and the other directors were pleased to be able to share in the graduates' celebration.

"It is very satisfying to see the fruits of our



Graduates from the first intake of the Ngee Ann-Adelaide Education Centre. Also pictured are Dr Laubie Li and Dr Helen Thorne from the Graduate School of Management and Ms Vivien Wong from the Centre. Photo: David Ellis.

labour," Mr Teoh said. "The quality of the MBA program is high, the academic standard is very high, and the success of this first batch of students is very encouraging for us."

Mr Teoh praised the Summer School initiative, which enabled the Singapore students to study in Adelaide for three weeks.

"It gives the students exposure to a different environment. They learn a lot from seeing both sides—Singapore and Adelaide. It

gives them an international perspective which will help them in their careers," he said.

"Businesses are becoming more global, and the internet and IT offer new industries altogether, so this is really a time of reinvention. It is important to teach people how to manage this. Today, graduates desperately need a different set of skills and they need to have a global perspective."

—David Ellis

T-ray investigators win scholarships

TWO talented Adelaide University engineers will be able to further their study into a new form of radiation after being awarded prestigious scholarships.

Sam Mickan and Brad Ferguson from the Department of Electrical & Electronic Engineering were the recipients of a Fulbright and Premier's postgraduate scholarship respectively.

Under the supervision of Dr Derek Abbott and in collaboration with Professor Jesper Munch from the Department of Physics, Mr Mickan and Mr Ferguson will continue their investigation into the relatively new field of T-ray radiation.

T-rays (as opposed to X-rays) are light which has a frequency in the TeraHertz range—hence the 'T'. One TeraHertz (THz) has a frequency of 1012 (one thousand billion hertz), a frequency range which places T-rays between microwaves and infrared radiation.

Although the worldwide study of T-rays is in its infancy, it has the potential for many applications not only to complement X-rays but, in certain circumstances, even replace them.

T-rays can accurately detect different substances with great sensitivity (in ways X-rays, MRI and infrared lasers cannot)—an ability which has strong significance for the medical, agricultural, food and wine industries. They also are not cancerous, unlike X-rays.

Adelaide University's T-ray research will be focused on developing a low-cost and portable system which is suitable for scanning the surface of the human body, and then characterising various skin disorders (including cancer).

"I'll be the one trying to get the whole system working and making sure the right information is coming out, and Brad will be working on that information and trying to get some meaningful results out of it," Mr Mickan said.

As part of his Fulbright scholarship, Mr Mickan will soon go to an existing T-ray research centre in New York for six months, gaining first-hand learning of the latest developments in the field.



Engineering postgraduate students and scholarship winners Brad Ferguson (left) and Sam Mickan. Photo: Ben Osborne.

The Fulbright Exchange program was established in 1946 by US Senator J. William Fulbright as a way of promoting educational and cultural exchange between America and more than 140 countries throughout the world, with recipients able to study, research and travel in America.

About 25 awards for postgraduate students, postdoctoral fellows, professionals and senior scholars are offered each year in Australia.

Thanks to his Premier's Scholarship, Mr Ferguson was able to take extended leave from his job with Vision Systems. The scholarship will see him receive more than \$26,000 a year for three years.

"I wouldn't be able to do this without the scholarship," Mr Ferguson said. "I think this will be a very worthwhile project which has the potential to make a significant impact in the health industry."

—Ben Osborne

Premier's scholarships

BRAD Ferguson was one of three postgraduate recipients of Premier's Scholarships in 2000.

The other two were:

- Ms Susan Millard, who was awarded the Premier's Scholarship in Bioscience to undertake a PhD in the Department of Biochemistry;
- Mr Gerald Murray, who was awarded the Premier's Scholarship in Biotechnology to undertake a PhD in

Microbiology and Immunology.

Three Premier's Scholarships were also awarded to undergraduate students in the following disciplines:

- Biological Sciences: Anita Hagger Agricultural Science (Horticulture);
- Biotechnology: Anne Philcox Engineering (Chemical)/Science
- Information Technology: Kim Anderson Engineering (Computer Systems)/Arts.



Crossroads

We're right in the middle of graduation season. I think Adelaide University does graduation ceremonies very well. We're lucky, of course, to have the magnificent Bonython Hall and our Administrative Services staff who make the ceremonies go like clockwork.

An important part of the ceremony is the speaker who gives the occasional address. It is not easy to write a graduation ceremony address that is both entertaining and inspiring. Last year, our Executive Dean of Humanities and Social Sciences, Professor Malcolm Gillies, set a new high by singing the opening of "Keep young and beautiful if you want to be loved" before going on to relay a very serious message camouflaged in an extremely funny talk.

At the time of writing we have had four of this year's graduation ceremonies. Sadly no one else has sung ("And if you'd ever heard me sing, you'd realise how lucky you are I didn't!" retorted one of the speakers when I quizzed him about it). So, no singing but four wonderful talks. All have sent a surprisingly similar message that, in the words of Winston Churchill as quoted by South Australian Farmers' Federation President Mr Dale Perkins, "what will separate the leaders of tomorrow from the leaders of today will be their ability to manage change".

The Deputy Vice-Chancellor (Research), Professor Edwina Cornish, used her own experience to point out how science graduates are no longer necessarily destined for work in large laboratories. Many will, like Edwina, work in and possibly start up specialist high-technology companies with all the uncertainty and excitement—scientific, managerial, financial, ethical—that this can entail. But, as she emphasised, it can be enormously rewarding and often great fun.

Professor Brendon Kearney, Executive Director, Statewide, Department of Human Services, gave examples of the rapid societal change that our health sciences graduates will need to attend to. Did you know, for instance, that South Australians have a longer life expectancy than other Australians?

Mr Perkins drew attention to the immense problems faced by rural Australia—problems such as water use efficiency, water quality maintenance or improvement, dryland salinity and greenhouse gas emissions. Our graduates in agricultural science will also need to meet the challenge of rapidly changing technologies, electronic and biotechnological, in order to be profitable and, at the same time, be responsible custodians of our environment.

Information economy expert Dr Terry Cutler emphasised that some certainties exist in the midst of change. One certainty is that the Information Economy is an unavoidable fact of life, he said. Another is that knowledge and skills, not natural resources or factories, have become the prize asset resource in this Information Economy. The third certainty he identified is that value is created by the economics of networks and the network law of increasing returns. In other words, the more people who are in a network, the more valuable the network is for everyone. "Being Net-centric is to be people centric," Dr Cutler claimed.

These certainties mean that our new graduates (and indeed all of us) must face change with all its associated dilemmas and opportunities, frightening and exciting. It was Dr Cutler who pointed out that "in a very real sense, every community, every jurisdiction like this State of South Australia, every household and every new professional all stand at a crossroads between vulnerability and opportunity".

MARY O'KANE

Human evolution chronicled in new book

FOR many biologists, it is the greatest story told—the tale of how our species with its unique attributes evolved from primate ancestors.

And there is no shortage of storytellers. From the overtly religious to the highly speculative, dozens of authors have tried their hand at piecing together the jigsaw of our prehistoric past.

Glen McBride is the latest. An internationally renowned ethologist, Professor McBride began his academic career at Adelaide University where, as an ex-serviceman, he completed a Bachelor of Agricultural Science immediately after the war.

It was followed by a PhD in animal genetics and a highly successful career in animal behaviour, in which he held numerous positions overseas and established the Animal Behaviour Unit at the University of Queensland.

Now retired, Professor McBride has drawn on his wide experience to construct *The Genesis Chronicles*, the story of the evolution of humans from animals, and how our species stood up, acquired language, developed primitive technologies, turned to agriculture and tamed the first domestic animals.

Professor McBride takes an unusual path that combines the roles of popular science and storytelling. He relates 15 stages of our evolution from *Ramapithecus* to *Homo sapiens*

as a series of 'eyewitness' accounts of the behaviour, social interactions and technological advances of various groups of our evolutionary ancestors.

Some books on human evolution, like *The Naked Ape*, have achieved bestseller status. Many have taken a particular line, espousing sex, territoriality, female activity, tool-making or language as a predominant central force that shaped human nature and anatomy.

Instead, Professor McBride takes a holistic approach to animal behaviour and what it reveals about probable human evolution. While scientists must often isolate and describe particular animal behaviours for study purposes, in reality these behaviours are integrated into a complex behavioural repertoire with animals that live naturally.

The Genesis Chronicles recognises that the same must have applied to evolving human societies. It integrates the many behavioural and anatomical aspects of human evolution in a considered look at what daily life must have been like for beings in the process of becoming us.

Thus the technology of kindling fire must also have led to technologies for collecting firewood and for building shelters, without which rain would have rendered firemaking much less effective. Standing upright cannot have occurred at the same time for males and

females, Professor McBride argues, but at different times for good reasons revealed by comparative zoological studies.

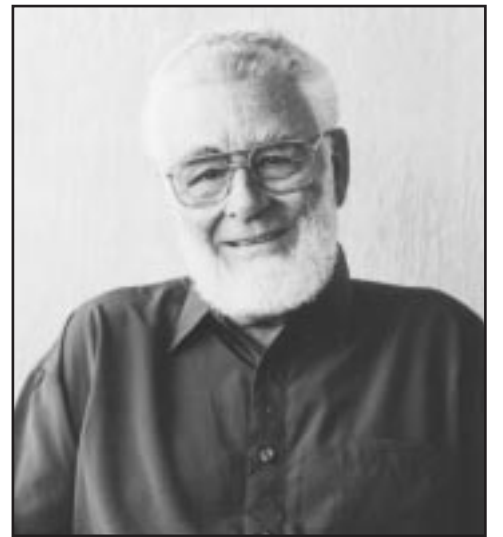
Such an approach invites sceptical criticism, and the book anticipates it. Each chronicle is followed by a review in which the author, drawing on numerous research publications, discusses what they can show us of our origins, and where they provide models for the chronicled events.

Each study cited throws light on problems dealt with in the chronicles. Studies of dogs and chickens are cited for what they reveal of dominance hierarchies; studies of baboon and water buffalo behaviour both clarify questions of leadership and dominance.

The account is far from doctrinaire. Professor McBride invites and encourages other interpretations, but believes that this is the only book so far to tackle the subject in this way.

"A reader can say 'that might not be how it happened', but at least I can say how it could have happened," he said.

The result is a mixture of storytelling and popular science aimed, Professor McBride says, at an intelligent 12-year old. Enduring fascination with the topic of human evolution, and the author's careful selection of published studies from the rapidly growing field of animal behaviour, will ensure a much wider audience.



Professor Glen McBride.

The Genesis Chronicles: the evolution of humankind, is published by Allen and Unwin and retails for \$24.95.

Courtesy of the publisher, a free copy of *The Genesis Chronicles* is available to the first reader who phones the Media, Marketing & Publications Unit on 8303 5174 and tells us when and where Chris Daniels will talk on Leonardo DiCaprio's contribution to science education.

—Rob Morrison

Wiggles report card

From Page 1

"Today we have kids who sit and watch the Wiggles videos in their own lounge rooms, and it's not at all dependent on being in a classroom with a teacher at a certain time."

This technological leap is a positive move for children, Mr Osborne said.

"It means that kids can learn when they want to learn. Parents have all kinds of problems trying to drag their children to things that they don't want to do. But with a videotape, these days the child can put it in the video player, press play and do it all themselves. They want to be there, tuned in to what's happening. And if they're interacting with what they're seeing, ultimately they will learn a lot from it," he said.

So could we see a new generation of Australians who are more musically aware, thanks to the Wiggles?

"I don't know how you'd measure that, but certainly if you stepped into a classroom today with kids who've seen the Wiggles from the ages of three to six, they could sing the songs note-for-note, get the tune right, they can do a lot of the dance moves.

"Definitely those kids would be more musically conscious than they otherwise would have been, and they should be better for it. Whether or not they develop an interest in music later in life is hard to say—but anything this popular has got to have some kind of effect somewhere down the track."

—David Ellis

Health atlas pinpoints inequality

THE LINK between poor health and low socio-economic status has been graphically illustrated in a new report by Adelaide University researchers.

The nine-volume report, *A Social Health Atlas of Australia*, brings together a range of information about the health status of Australians, including use of health services by different social groups.

It shows that, for almost every major cause of mortality and morbidity, striking disparities in health exist between those who are socially or economically deprived and those of higher socio-economic status.

Maps and statistical tables give a detailed picture of how people's health can be determined by where they live and how much they earn.

Breakdowns are provided by State, region and suburb.

The report says the challenge for policy makers, health practitioners and governments is to find ways to address the inequities.

The study was commissioned by the Commonwealth Department of Health and Aged Care and compiled by the Public Health Information Development Unit (part of Adelaide University's National Key Centre for Social Applications of Geographical Information Systems).

Unit Director Dr John Glover (pictured) also project-managed the first edition of the atlas when it was compiled by the South Australian Health Commission in 1992.

He said the new edition had several additional features including an accessibility/remoteness index, developed by the Key Centre, to aid understanding of regional differences.



Mr Glover said the Unit, which was established last April, aimed to develop and promote an "information culture" in the health field in Australia.

He said it would be working on several joint projects with the Key Centre, including a study of the catchment areas of medical practices.

A Social Health Atlas of Australia can be viewed on the Internet at: <<http://www.publichealth.gov.au>>.

—John Drislane

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AFUW conference

AROUND 100 delegates from around Australia and overseas attended the recent conference of the Australian Federation of University Women (AFUW) at Adelaide University.

Guests included the Canadian president of the International Federation of University Women, Linda Souter, Adelaide University's Vice-Chancellor, Professor Mary O'Kane, and the SA Minister for the Office of the Status of Women, the Hon. Diana Laidlaw.

The conference, held from 17-20 April in the Napier Building, was the 31st triennial conference of the AFUW. Its theme was "Lifelong Learning—Effecting Change in the Global Society". Included at the conference were female graduates from Fiji, Samoa, the Philippines, Vanuatu, Papua New Guinea and Thailand, who were all sponsored to attend the event by AusAID.

Wound care kit a stitch in time for medicine

SYNTHETIC "human flesh", made from plastic and marked for injury, is being used in an innovative new kit to teach the skills of wound care.

The kit, developed by Mr Rod Cooter from Adelaide University's Department of Surgery, is the latest product to emerge from the Cooperative Research Centre (CRC) for Tissue Growth and Repair.

Called *Practical Skin Wound Management*, the kit is an interactive multi-media educational aid. It includes a CD-ROM covering eight modules of demonstrations and self instruction, a comprehensive manual, and facilities for self-testing. Topics include skin anatomy and biology, anaesthesia and surgery, suturing, dressing and scar management.

A feature of the kit is its suturing pad. Manufactured in Australia to reproduce the texture of human flesh, it is marked so that it can be incised to simulate various wounds. The pad is accompanied by surgical instruments and materials so that students can practise suturing and hand tying, copying examples presented on the CD-ROM.

Traditionally, medical and nursing students learn about skin anatomy, pathology, anaesthesia and surgery at different times in their training, but Mr Cooter, who is the Director of Plastic & Reconstructive Surgery at the Royal Adelaide Hospital, has found from experience that this does not always produce the best results in wound management.

"We needed a product that students could interact with," said Mr Cooter, "one that covered aspects of wound treatment that are not formally taught at present, but which health practitioners need to know.

"The idea grew from workshops where we



Surgical instruments, materials and a suturing pad that simulates human skin allow students to perfect the techniques of closing wounds. Photo courtesy of the CRC.

trained general practitioners in wound management. We took the feedback sheets and used the comments to help develop a package which used an integrated approach."

The kit does so in a way believed to be unique. It has been extensively trialled, with 80 medical students recording outstanding benefits from using it. Mr Cooter sees the package offering other advantages, apart from the health of patients.

"We are trying to produce some standardisation of suturing techniques which is necessary for accreditation," he said.

"Suturing has largely been a skill learnt through apprenticeship, or from two-dimensional diagrams. This approach, offering three-dimensional examples on the CD-ROM and integrated techniques, can offer a standardised approach to the treatment of wounds, from cleaning them to suturing and dressing them, and ultimately to

the management of scar tissue."

The success of this initial program has prompted the CRC to form a new enterprise, Innovative Surgical Technologies. *Practical Skin Wound Management* is their first venture, but others are to follow, each embracing the concept of integrated teaching and practice in aspects of surgical procedure.

The program's effectiveness has now seen it incorporated into a distance-learning program of the Royal Australasian College of Surgeons. But apart from its role in the education of medical students, surgical specialists, nurses and veterinarians, the program will assist health practitioners in remote locations.

"A number of companies have shown interest," said Mr Cooter. "It offers benefits to the military, as it should make it possible to treat soldiers in remote areas when they can not readily be returned to base.

"The Flying Doctor service took an early interest and there are many parts of Asia in which a package like this could help," he said.

The Flying Doctor came into being to serve the needs of remote, rural Australian communities. The pedal radio, an essential part of that story, became an invaluable electronic tool which linked remote patients to medical expertise. Multi-media resources follow that tradition, and their benefits need no longer be confined to Australia, as they are a simple way of exporting expertise to other countries where the inaccessibility or expense of medical help poses problems for thousands of people.

The CRC is now developing a website through which demonstration modules can be accessed. It is expected to be online in July.

—Rob Morrison

Modbury awarded teaching status

MODBURY Public Hospital has become the fifth hospital in South Australia to be awarded full teaching status by the University.

It joins the Royal Adelaide, Women's & Children's, Queen Elizabeth and Lyell McEwin hospitals as a recognised teaching centre for the University's medical students.

Modbury Public Hospital opened in 1973 and was granted affiliate status the following year when it accepted its first medical undergraduates.

In 1988 it established a General Practice Teaching Unit headed by Dr Bob Moorhead. Since then, about 1200 medical students and 80 registrars have undergone training at the hospital during their fourth year of study.

Links with University were further strengthened in 1995 with the appointment of Associate Professor Julian McNeil to the hospital.

Modbury currently accepts students to study in the areas of medicine, surgery, obstetrics and gynaecology, paediatrics, emergency and general practice.

Teaching status was formally awarded by the Vice-Chancellor, Professor Mary O'Kane, at a ceremony on 12 April.

—John Drislane

MFP: unearthing ruins of a lost city

AUSTRALIA failed miserably in its one and only chance of successfully developing the much-vaunted Multi-function Polis (MFP) concept, according to Adelaide University PhD graduate Dr Coral Baines.

Dr Baines, who has recently completed her Department of Politics thesis entitled *Multifunction Polis: Lost City of Opportunity*, closely followed the MFP saga over its 10 short years, from inception to failure. While researching her thesis she interviewed most of the key players involved in the MFP project.

The saga began in 1987 when Japan offered Australia the chance to work together in establishing a hi-tech manufacturing "technopolis", to be located somewhere within Australia.

This conjunction of forces, the likes of which is unlikely to ever occur again, was an opportunity for Australia to plot a new growth trajectory. But the decision makers—including those from business and successive Federal governments—were effectively blind to what was being offered, Dr Baines said.

Instead of exploring Japan's growth model for elements that could be adapted to our own needs, such as developing a collaborative relationship with business to map out a long-term plan for growth, they uncritically adopted economic rationalism and a 'hands-off' approach to the private sector. Not only that, some wanted to jettison the Japanese altogether.

"It was just such a mess, really," said Dr Baines, "both in policy terms and what it says about our inability to grasp really big opportunities.

"In the unlikely event that another opportunity came along I don't know if we'd do it any differently, especially while we have governments in office that favour a hands-off approach to business. I don't see any signs of governments and businesses getting down to map out long-term growth plans or strategies, especially those that might create more full-time employment."

The MFP development required the Federal Government and business to work closely together to bring it to fruition.



Adelaide University PhD graduate Dr Coral Baines. Photo: Ben Osborne.

The government did in fact start off well, Dr Baines said, organising businesses into "think tanks" which were meant to map out long term industry visions. But in the end government didn't listen to what they had to say—much to the disgust of participating businesses who came to regard the process as a waste of time.

"One of the big surprises about the way the MFP developed, once you know its origins, was that it became a services based, rather than a hi-tech manufacturing based concept, before finally ending up as an urban project.

"When it was still conceived as an international city, somehow or other hi-tech manufacturing got dropped in favour of services.

"That said a lot to me about the favoured policy directions and the people making policy decisions at the time—one of the things I argue very strongly in my thesis is that throwing manufacturing out the window was a big mistake."

By the time South Australia was announced as the successful tenderer for the MFP in June 1990, the lessons that could have been learned about strong governments and collaborative relations with business had been ignored, and because of that it

was never going to be an international city with the potential to realign Australia in terms of world trade, Dr Baines said.

"I don't think South Australian people perceived the MFP to be a mess at the time; I think people didn't really understand it, but probably thought the State Government was doing their best with it," she said.

"By the time it got to South Australia I had actually lost a lot of interest because it was never going to be what it could have been.

"I was really interested in exploring the international and national forces, and who the main players were, and what the opportunities had been and what happened to them."

In August 1997—about 10 years after the project was first mooted—Premier John Olsen announced the MFP was to be replaced by a state development corporation and that the name MFP would cease to exist.

Dr Baines taught politics at Adelaide University for nine years and is currently Principal Research Officer in the State Parliament Library.

—Ben Osborne

Japanese industry boosts road accident research

THE WORK of Adelaide University's Road Accident Research Unit (RARU) has been further recognised, with one of the world's largest seatbelt and airbag manufacturers giving the unit US\$500,000 (about A\$833,000) over the next five years.

The Takata Corporation, based in Japan, will give the unit US\$100,000 a year for five years in a gesture which has delighted unit director Professor Jack McLean.

He described the contribution, which was announced by Takata president Mr Juichiro Takada, as more than just philanthropy, and said the funding would go towards general support of RARU.

"I'm obviously delighted that we've received the funding, but I'm as equally delighted that Mr Takada thinks we are worthy of such support," Professor McLean said.

"Takata Corporation doesn't just give money away because it's the right thing to do, it gives money to organisations they feel will get the best possible use out of those funds and to the organisations who will use the money to gain maximum benefit for all road users."

Takata has been active for almost half a century in the development of a "Total Safety" system of seat belts, air bags and child restraints, based on extensive studies to determine what happens in a car crash. The company places an emphasis not

on making products but on saving lives, and has the motto: "When nothing happens, we've done our job."

Professor McLean and Mr Takada first met in Japan in 1983, with Mr Takada taking a strong interest in RARU's work.

Mr Takada visited RARU in 1988, the same year the award-winning book *Reducing Traffic Injury—A Global Challenge*, of which Professor McLean was a contributing author, was released. On that visit Mr Takada offered to support further work by the eight authors of the book and the Global Traffic Safety Trust was formed.

The Trust, which conducted activities in countries as diverse as India and Uruguay, concluded its work in 1998 with the publication of the book *Reflections on the Transfer of Traffic Safety Knowledge to Motorising Nations*.

"I had the pleasure of visiting the unit some years ago at Professor Jack McLean's invitation," Mr Takada said in a letter to Vice-Chancellor Professor Mary O'Kane.

"Since then, I have been kept informed of the activities of the unit by Professor McLean, with whom I had frequent contact through the work of the Global Traffic Safety Trust and on his occasional visits to Tokyo.

"I have noted with great interest the developing links between the Road Accident Research Unit and Japan, in particular with the Japan Automobile Research Institute and Honda, and also the more



Above: Professor Jack McLean in the Road Accident Research Unit. Photo by Brenton Edwards. Right: Mr Juichiro Takada, president of Takata Corporation.



general international activities of the Unit."

Professor McLean said the money from Takata Corporation would be used to support a number of RARU's ongoing road safety research projects.

—Ben Osborne

There's life after festival for Light/House exhibition

ARCHITECTURE became a symbol of success—and a controversial talking point—at the recent Telstra Adelaide Festival 2000.

An exhibition held on the Festival Centre Plaza displayed contemporary Australian houses designed by 16 award-winning architects.

Called Light/House, the exhibition received high praise from the incoming Director of the 2002 Festival, Mr Peter Sellars, and was described as one of the most successful visual arts events of any Adelaide Festival.

During the two-week event in March, more than 10,000 people visited the exhibition, with an average attendance time of 20 minutes.

Interested members of the public were still trying to get a glimpse of the exhibition while it was being disman-

ted the day after the Festival ended.

Light/House was a triumph for Adelaide University's teaching and research and its links with industry.

Presented by the University's School of Architecture, Landscape Architecture & Urban Design in association with the Alvar Aalto Museum in Finland and the Royal Australian Institute of Architects, the Light/House pavilion (pictured) was a unique building designed by architect Phil Harris of Troppo Architects, an Adelaide University graduate whose work has received national acclaim.

Steel Building Systems International and Gerard Industries were the major sponsors, with support from Luminis and The Business Centre.

A series of six one-hour talks called "Conversations with the Architect" was also held during the Festival in association with the exhibition. More

than 1700 people attended.

Organised by the Royal Australian Institute of Architects, with support from the Architecture Chapter of the University's Alumni Association, the Conversations were the catalyst for considerable public comment on the topic of architecture in Adelaide.

In the final Conversation with Architect Ken Latona, Peter Sellars opened with his forthright opinions, contrasting the "beautiful example" of the Light/House exhibition with the "ugly" buildings in Adelaide's CBD. He said Light/House showcased the "path-breaking" work many architects were doing in Australia—but which, unfortunately, wasn't making its way through to public life.

There is life for the exhibition after the Festival, with the display to tour elsewhere in Australia. Corporate sponsorship is also being sought for an overseas tour, possibly in 2002.



The Light/House pavilion on the Festival Centre Plaza. Photo: Trevor Fox.

Advertisement

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National and international recognition in any area of expertise can attract many opportunities for those who are able to present and promote their work with style and professionalism. And what better backdrop is there than the attractions of Adelaide's internationally renowned entertainment, food and wine regions?

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Find out more by contacting ACTA's University Project on (08) 8212 4794 or uni@acta.com.au Adelaide Convention and Tourism Authority Level 3, 60 Waymouth Street Adelaide SA 5000 Phone +61 8 8212 4794 Facsimile +61 8 8231 9224 <http://www.visit.adelaide.on.net>

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AUSTRALIA

Olympic torch team receives Eureka prize nomination

ADELAIDE researchers involved in the development of the Olympic Torch have been announced as finalists for Australia's pre-eminent science prize—the Eureka Prize.

This year marks the 10th anniversary of the Australian Museum Eureka Prizes, with 10 awards and total prize money worth more than \$90,000. The prizes reward Australians for outstanding achievements in scientific and environmental research, engineering innovation, science communication and journalism.

The finalists in the 2000 Eureka Prizes were announced earlier this month. Winners will be announced at a ceremony at the Australian Museum on 2 May.

Among the finalists for the Institution of Engineers Australia Eureka Prize for Engineering Innovation is the team responsible for developing the fuel and combustion system for the Sydney 2000 Olympic Torch.

The team, involving engineers from the University's departments of Chemical Engineering and Mechanical Engineering and Adelaide-based company Fuel & Combustion Technology (FCT), used their expertise in combustion, aerodynamics and the environment to produce the all-important Olympic flame for the torch.

Hi-tech methods were employed in the testing of the torch's design and performance.

The main researchers involved in the Olympic Torch project are: team leader Dr Gus Nathan (Mechanical Engineering), chief design adviser Emeritus Professor Sam Luxton (Mechanical Engineering), engineering manager Mr David Retallack (FCT), development engineer Mr Steven Hill (FCT), chief design coordinator Dr Richard Kelso (Mechanical Engineering), fuels designer Associate Professor Keith King (Chemical Engineering), and senior design engineer Dr Peter Lanspeary (Mechanical Engineering).

Around 20 others were involved in the research project, including academic and technical support staff and students. Former team leader Professor Dong-ke Zhang, who was instrumental in winning the contract for the torch, is now with Curtin University.

Meanwhile, Adelaide University physiologist Dr Yasmin Edwards has been nominated in the Fresh Science 2000 awards (4-7 May).

Held by ScienceNOW!, the national science forum, the awards are aimed at providing role models for the next generation of Australian scientists and encouraging debate on the role of science in Australian society.

GRADUATIONS 2000

Adelaide's the choice for Adeline and family

ADELINE Chong occupies a unique place in her Malaysian family's long line of Adelaide University graduates.

She is the only member who has studied dentistry, and was conferred with her Masters in Dental Surgery (Periodontics) on 13 April after completing her Bachelor degree in Dental Surgery in 1991.

Her Masters project has the potential to have significant clinical implications in the future, as it involved clinical trials on a prototype chlorhexidine toothpaste and tea tree oil mouthwash.

Dr Chong follows in the footsteps of her father Chris, who graduated with a Bachelor of Mechanical Engineering (Honours) in 1961. Her mother, Helen, is a graduate of the University of Western Australia, although she spent time at Adelaide's Elder Conser-

vatorium of Music.

Her siblings are also all Adelaide graduates: sister Stella and brother Bernard completed Bachelor of Economics degrees, and brother Andrew has completed a Bachelor of Electrical & Electronic Engineering (Honours) and a Master of Business Administration.

Dr Chong has worked for the Royal Australian Air Force since 1991, and is currently stationed at RAAF Williams at Laverton in Victoria. She has obtained the rank of Squadron Leader, which is only one rank below the highest rank a dentist can obtain of Wing Commander.

"The Air Force has been very good to me—it provides training in leadership, exposes you to many challenges, takes you out of your comfort zone and develops your character," she said.

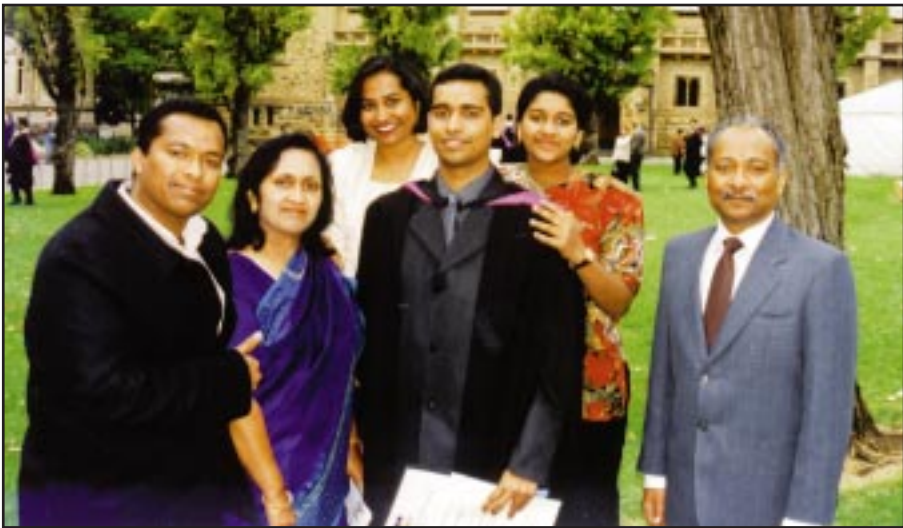
"I am happy where I am, but eventually I think I would like to have my own private practice one day."

Dr Chong said she had the choice of doing her Masters interstate or in Adelaide, but the decision proved easy to make.

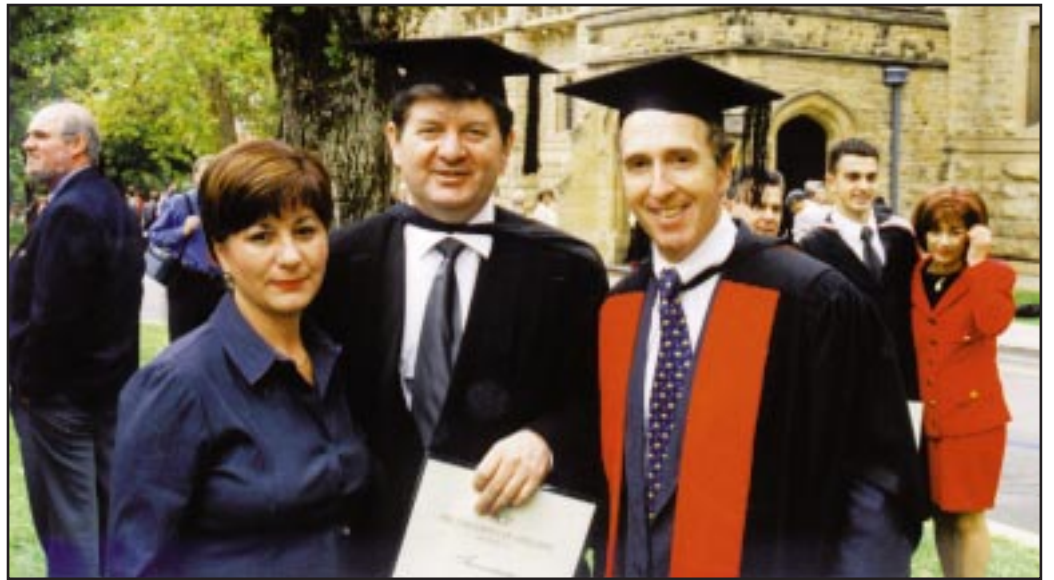
"I was accepted into another university, but I chose to come home to Adelaide—it was a good feeling to come back, because I had been away for a while," she said.

"I really like Adelaide because it's a good city to live in and to learn in, and everything is very close by. I would encourage any Malaysian student who is perhaps thinking about coming to Adelaide University to strongly consider it, because it really does have a good learning environment."

—Ben Osborne *Dr Adeline Chong with her parents Chris and Helen. Photo: Ben Osborne.*



Ben Abraham (centre) celebrating with his family. Ben graduated with a Bachelor of Engineering (Honours) in Mechanical Engineering and received the CRC for Welded Structures award.



Dr Arthur Drouganis (centre) with his wife Helen and supervisor Dr Robert Hirsch. Dr Drouganis received his Master of Dental Surgery (Periodontology).



Alumni chair the Hon Greg Crafter with the Alumni Medallist, Emily Hackett-Jones. Emily was awarded her Bachelor of Science (Honours) and is now undertaking a Master of Science degree.



Tracey Siebert with her husband, Adelaide University's Finance & Infrastructure Executive Director, Tony Siebert. Tracey graduated with a Bachelor of Science degree.



Kelly Barker (Bachelor of Medicine/Bachelor of Surgery) celebrates her graduation with fiancé Drago Bratkovic.



Kirsty Neaylon (centre) was congratulated by her parents, Dr Bill Henderson (Teletraffic Research Centre) and Dr Marilyn Henderson (Centre for Electron Microscopy & Micro Analysis). Kirsty received her Bachelor of Agricultural Science (Honours) and will now work on a PhD.



A family snap at the entrance to Bonython Hall for these Bachelor of Science graduates: Eve Ayliffe, Amber Lang, Catherine White, Nicky Pelton, Benjamin Goode, Benjamin Knight, Shaun Kennedy and James Bullock.

Award-winners all jazzed up for concert

OUTSTANDING jazz musicians from Adelaide University will showcase their talents at the fourth Jazz Awards Concert, to be held at 8pm on Wednesday 10 May at the Scott Theatre.

Eight of the best musicians from the Elder Conservatorium-School of Performing Arts Jazz course in 1999 will be performing at the concert.

The program for the evening will include ensembles, trios and duets performing jazz classics through to the winners' own compositions.

Performing will be: Most outstanding postgraduate Julian Ferraretto, violin; most outstanding undergraduate Adam Page, saxophone; undergraduate drum award winner Jeremy Kirk; undergraduate piano award winner Shane Ellery; undergraduate saxophone award winner James Annesley; undergraduate voice award winner Jo Lawry; undergraduate bass award winner Derek McLure; and undergraduate guitar award winner Craig Bruni.

Tickets for the Jazz Awards Concert are \$10 and \$5 concession, and will be available at the door.



Performing at the Jazz Awards Concert on 10 May will be (from left) Jeremy Kirk, James Annesley, Julian Ferraretto, Jo Lawry, Adam Page, Derek McLure, Craig Bruni and Shane Ellery. Photograph by Mick Bradley.



Jazz violinist Julian Ferraretto has made it a hat-trick by being named the 1999 Top Postgraduate in the Elder Conservatorium's Jazz Awards. It follows on from his best Undergraduate Instrument and Top Undergraduate awards in 1997 and 1998.

Science goes under the microphone at Radio 5UV

SCIENCE activity in regional South Australia is the focus of The State of Science SA, a new 10-part radio series to be broadcast across the State during National Science Week, 3-10 May.

Radio 5UV producer Ewart Shaw has been following the trail of scientific work through regional South Australia for this project, which is funded by the Commonwealth Department of Industry Science Resources.

His research covered a wide range of topics. Port Pirie, for example, has a strong community response to lead levels in the environment, and Whyalla is reinventing itself as an ecocity.

University of Adelaide staff and visiting researchers are heavily involved in many of the areas explored.

Dr David Paton is on the alert about Mundulla yellows, a condition that threatens the state's gum trees; Dr Peggy Rismiller studies echidnas on Kangaroo Island; and Dr John Patterson speaks about Cangaroo 3, a Woomera-based Australian/Japanese scientific collaboration.

Even the annual colour change of the Blue Lake at Mount Gambier is under ongoing scientific scrutiny.

"Getting away from the Radio 5UV studios and into several regional areas of South Australia was an exciting and very instructive experience. The State is very

big, very flat and very dry. We city dwellers can forget that," Mr Shaw said.

Seeing how communities live and how individual science workers function in these regional communities was a very heartening as well as an educational experience, he said.

Mr Shaw is pleased that the series will be heard around the State on over 20 country community radio stations as well as in Adelaide. The series will also be available nationally via the community radio satellite, and through 5UV, live on the internet.

Mr Shaw is also the producer of On Campus, the weekly Radio 5UV program on activities at Adelaide University. He gave a paper at the 1998 ANZAAS congress on the role of community radio in science education.

The State of Science SA—10 six-minute radio features looking at science at work in regional South Australian communities—will be heard weekdays on 5UV's Radio Expresso program from Wednesday to Tuesday, 3-9 May.

Two programs will be played each morning at 6.30am and 8.30am. The whole series will be repeated at 12.30pm during High Noon from Wednesday 3 May over two weeks.

Enquiries about broadcast details on other community radio stations in South Australia should be made direct to individual stations.

—Tony Ryan

Michigan men joined in song



The 75-strong chorus of the Michigan Men's Glee Club.

ONE of the world's best male choruses will perform at Adelaide University's Elder Hall on Friday 5 May at 8pm as part of its first Australian tour.

The University of Michigan Men's Glee Club was founded in 1859 and is the second-oldest collegiate chorus in the United States.

The 75-voice chorus is renowned for its wide repertoire, which includes Renaissance motets, romantic anthems, opera choruses, spirituals and contemporary works.

The Adelaide Harmony Choir will join the Glee Club during its Adelaide performance.

The Club consists of graduate and undergraduate members from nearly all of the 17 schools and colleges of the University of Michigan. It performs regularly throughout the United States and annual tours have taken it to Asia, Europe and South America.

In 1959, the University of Michigan Men's Glee Club became the first American male choir to win a first place at the International Musical Eisteddfod in Llangollen, Wales, and has since won a further three first places at that event.

Tickets for the 5 May performance at Elder Hall are available from BASS, and are \$15 for adults and \$12 concession.

ACCOMMODATION

ADELAIDE: City SE corner, furn, study/br with own facilities in quiet garden setting, ideal for postgrad, walk to Uni. \$90 pw including electricity, phone avail. Ph 8223 2707.

EDEN HILLS: M3 br, study, 2 bathrm house on half acre landscaped block. Fully furn, gardener, lawns, electricity and water included; phone avail. 5 mins walk to train, 5 mins bus ride to Flinders. Avail July for 6 months. \$300 pw. Ph 8370 0589.

MYRTLE BANK: Pleasant 1

br flat, furn or unfurn, garden, 5 mins walk to Waite, suit quiet person. \$100 pw. Ph 8379 5839.

NORTH ADELAIDE: Fully furn, 4 br, security system, avail 1 May (period flexible). Walking distance to Uni and Hospital. Ph 8361 7275 or email: <walvyv@telstra.easymail.com.au>.

NORWOOD: Well equipped 3 br unit to share with medico. Close to the Parade; non-smoking female pref. \$100 pw + exp. Ph 8364 7099 or 0413 068 305.

NORWOOD: 3 br, character maisonette, mod kitchen and

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bathroom, courtyard plus off-street parking. 25 min walk to Uni, 2 mins to Parade and bus. Avail July for approx 6 months. \$200 pw unfurn; furn neg. Ph 8303 5021 or email: leighton.mcdonald@adelaide.edu.au>.

WANTED: Visiting academic with family requires furn. 4 br house from 15 Sept - 24 Dec 00 in Eastern suburbs. Ph Val Kuliwaba 8303 5100.

WALKERVILLE: Riverfront

flat, 2 br, furn, private courtyard, quiet location, close to shops, Hospital, Uni. \$230 pw. Ph 8344 1007 or 0418 844 754.

FOR SALE

AQUATIC CENTRE PASS: Card with 19 visits remaining - expiry date 3 Aug 00. \$35 ono. Ph Judy 0412 218 228 or email: <judy.bellati@student.adelaide.edu.au

DOG KENNEL: Medium

size, as new wooden with metal roof. \$60. Ph Jean 8291 4111 or 8351 4780 (h).

FORD FALCON: 1986, auto, gas, blue, very economical, excellent cond. VRB 458. \$2,790. Ph 8332 3863 or 8302 2368.

FORD FUTURA: Station wagon, 97 (purch Feb 98), 42,000km, cargo barrier, cruise con, plus other extras. VWX 799. \$22,000. Ph 8344 1007 or 0408 240 834.

MAZDA 626: 80, manual, rad/cass. SPB 383. \$890 neg. Ph 8338 4152.

PIANOS: Germany's best, old style craftsman restored.

Ph 8338 3179 or 0411 630 875.

SEWING MACHINE: Janome, 18 stich, never used, \$260 ono. Ph 8338 4152.

WASHING MACHINE: Hoover 4kg toploader, 2.5 years old. \$320 ono. Ph 8303 3263 or email: <lothar.staendner@adelaide.edu.au>.

WANTED

COCKY CAGE/PATIO AVIARY: In good cond, will pay up to \$100. Ph Nicole 8303 6046 or email: <nicole.cooper@adelaide.edu.au>.

Bulletin Board

APRIL 24, 2000

ADELAIDE UNIVERSITY

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Project Odyssey Information Session

Date: Wednesday 19 April 2000
Time: 2.00pm - 4.00pm
Venue: Napier 102, North Terrace
Contact: project.odyssey@adelaide.edu.au

This information session will give university staff an opportunity to learn about the project and have the team answer any questions regarding the project and how it will affect the university data and communication network.

For any questions regarding this session please contact Jesse Grainger on 8303 6109 or email: <project.odyssey@adelaide.edu.au> or visit the web site at: <<http://www.adelaide.edu.au/ITS/Odyssey>>.

Web redevelopment

An update on the web redevelopment project is now on the project web site. Please check it out at:

<<http://www.adelaide.edu.au/pr/webdev.html>>.

Preparing Your Teaching Portfolio

A Workshop presented by the Advisory Centre for University Education

Teaching Portfolios are growing in use as a tool for gathering and presenting evidence of teaching in applications for promotion, for teaching awards (such as The Stephen Cole the Elder Prize for Excellence in Teaching) and for Departmental Teaching Awards.

In this workshop, portfolios will be explained and strategies considered for their preparation and use. Staff considering making an application now, or in the future, for promotion, for an award, or who are interested in ways of documenting their achievements for other purposes will find this short activity helpful.

Workshop Leader: Assoc Professor Bob Cannon
Date and Time: Workshop 1 - Tuesday 2 May 2000, 1.10 - 2.10pm, Room 305, Level 3, Schulz Building
Workshop 2 - Tuesday 1 August 2000, 1.10 - 2.10pm, ACUE, Level 2, Schulz Building.

OR
Please enrol by phoning 8303 5771 or email: <lynne.bradshaw@adelaide.edu.au>.

Product Safety Recall Click 4 way and 6 way powerboards

As a responsible supplier of high quality branded goods, Click is voluntarily recalling the following Click 4 and 6 way overload and surge protected powerboards.

PART NO	DESCRIPTION
CPS104	4 way powerboard with overload protection
CPS104S	4 way powerboard with overload and surge protection
CPS106	6 way powerboard with overload protection
CPS106S	6 way powerboard with overload and surge protection

Only those products marked "Made in China" and marked with batch numbers 25/99 through to 30/99 are being recalled. These products were sold from August 99 to 3 March 00.

This action is being taken because Click has discovered that in one instance only the wiring of the unit was incorrectly installed. This rendered the powerboard inoperative and exposed users toching metal appliances connected to the powerboard to a risk of electric shock.

If you have purchase a Click 4 or 6 way powerboard as described above **DO NOT** connect it to a power source. Return it to your place of purchase for a full refund. You can call the Click Customer Service Centre on 1300 302 205.

WEDNESDAY 26 APRIL

12.10pm Recitals Australia 2000 Autumn Lunch Hour Concert Series: Fiona Corston - piano; Natasha Rogers - piano. Adults \$3/Concession \$1. Pilgrim Church, 12 Flinders Street, Adelaide.

1.00pm Queen Elizabeth Hospital Clinical Development Research Centre Seminar: Antigenic variation in giardia: colon exploiting subtypes of G intestinalis to define variant surface protein subsets by Dr Peter Ey (Microbiology and Immunology). Maternity Lecture Theatre, 1st Floor, Maternity Building, QEH.

1.10pm Genetics Seminar: SPALT: the German "crack" gene by Sonia Donati. Seminar Room, Ground Floor, Fisher Building (southern entrance).

4.00pm Physiology Seminar: The relationship between the post-spike after hyperpolarisation and motor unit discharge by Professor Randy Powers (University of Washington). Seminar Room N416-417, Medical School, North Wing. Light refreshments served afterwards. All welcome

6.30pm Australian Institute of International Affairs Talk: Child Soldiers by Ms Victoria Bannon (International Humanitarian Law Officer, Australian Red Cross - SA Division). The Union Cinema, Level 5, Union House. Public welcome.

FRIDAY 28 APRIL

1.10pm Elder Conservatorium Lunch Hour Concert: Mark Mogilevsky - violin, Elena Mogilevsky - piano (Distinguished visiting artists from Melbourne, formerly from Moscow and St Petersburg). Works by Tchaikovsky, Chausson, Ravel and Paganini. Admission \$3 at the door. Elder Hall.

1.15pm Inaugural Lecture - Autumn 2000: Earthquakes: facts,

COMING EVENTS

April 26th — May 7th

effects, fancies by Professor Stewart Greenhalgh (Geology & Geophysics). Lecture Theatre G04, Napier Building.

MONDAY 1 MAY

12noon Plant Science Seminar: Genes controlling the early stages of meiosis in wheat by Mr Tim Sutton (PhD student). PS Seminar Room, Waite Campus.

1.00pm Microbiology & Immunology Seminar: Molecular epidemiology of tuberculosis in the HIV era in Africa by Professor David Wilkinson (SA Centre for Rural Medicine, Whyalla). Departmental Library, 5th Floor, Medical School South.

1.00pm Clinical & Experimental Pharmacology Seminar: Perhexiline: revival of an old drug by Dr Jennifer Kennedy (Cardiology, QEH). Seminar Room, 6th Floor, Medical School, North Wing.

3.30pm Advisory Centre for University Education Seminar: Information empowers: But who is empowered? by Jill Keally (Honours student, Flinders University). Seminar Room 2, Level 2, Schulz Building.

WEDNESDAY 3 MAY

10.10am Electrical & Electronic Engineering Seminar: Stochastic Resonance by Greg Harmer (Postgraduate). Room EM212, New Engineering & Mathematics Building.

12.10pm Recitals Australia 2000 Autumn Series: Anna Webb - Zephyr String Quartet; Emma Perkins - violin. Adults \$3/Concession \$1. Pilgrim Church, 12 Flinders Street, Adelaide.

1.10pm Genetics Seminar: Title to be announced, by Nicole Hussey.

Seminar Room, Ground Floor, Fisher Building (southern entrance).

1.10pm Geology & Geophysics Seminar: Research and the GST by Martin Kusabs (Finance Branch). Mawson Lecture Theatre, Mawson Laboratories.

1.10pm Horticulture, Viticulture & Oenology Seminar: New ways for ensuring student and staff equity within the university: Changes to the complain resolution process by Andi Sebastiani and Liz Wade. Plant Research Centre Auditorium, Waite Campus.

4.00pm Physiology Seminar: Lactate metabolism and gas exchange in the resting forearm during leg exercise: be careful with the Fick principle by Peter Catcheside (Repat General Hospital). Seminar Room N416-417, Medical School, North Wing.

4.30pm Environmental Biology Seminar: The ecology of wetlands by Mr Mark Seibentritt (Environmental Biology). Seminar Room, 4th Floor, Fisher Building.

THURSDAY 4 MAY

12.05pm Psychology Seminar: FACE: Functional Analysis of Care Environments by Dr Rob Elzinga (Psychology). Room 527, Hughes Building.

FRIDAY 5 MAY

10.00am Animal Science Seminar: Title to be announced by Veronica Ingham (PhD student). Conference Room, Davies Building, Waite Campus.

10.00am Social Inquiry Seminar: Labour Studies - All that Life Allows: The ALP and the Decline of Democratic Citizenship by Mark Hobby. 11.30am Gender Studies - Editing

according to the guidance of God by Jennifer Jones. Seminar Room, Level 3, 10 Pulteney Street, Adelaide.

11.30am Asian Studies Seminar: A Lonely Country? Reassessing Australia's Middle Power Status following the East Timor Crisis by Professor Allan Patience (Political Science and Asian Studies, Victoria University of Technology). Room 518, Level 5, Ligertwood Building.

12.45pm Dentistry Seminar: AJJP - Aspect of TMJ condylar structure by David Wilson. Lecture Theatre 1, 6th Floor, Adelaide Dental Hospital.

1.10pm Elder Conservatorium Lunch Hour Concert: Lance Coburn - piano (Distinguished graduate, recently returned from the Moscow Conservatoire). Works by Chopin and Brahms. Admission \$3 at the door. Elder Hall.

1.15pm Inaugural Lecture - Autumn 2000: Ouch! Children and pain by Professor John Taplin (Psychology). Lecture Theatre G04, Napier Building.

2.00pm Social Inquiry Seminar: Masculinism in a hard culture by Professor Allan Patience (Politics and International Studies, Victoria University of Technology). Seminar Room, 3rd Floor, 10 Pulteney Street, Adelaide.

4.00pm Obstetrics & Gynaecology Seminar: Immunology: from single cells to systems by Dr Bruce Lyons (Haematology, Hanson Centre for Cancer Research). Seminar Room, 6th Floor, Medical School, North Wing.

SUNDAY 7 MAY

7.30pm Jazz Series 2000: The University of Adelaide Big Band Showcase directed by Hal Hall along with special artists including Schmoie (tenor sax), Derek Pascoe (tenor sax), Terry Benn (baritone sax), Warren Heading (trumpet) and the Ross Burford Vocals Quartet. Enquiries/bookings: Margaret Reines 8303 4339. Tickets \$12/\$8 Concession. Governor Hindmarsh Hotel, 59 Port Road, Hindmarsh.

SITUATIONS VACANT

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

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

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

CENTRE ADMINISTRATOR

(Ref: 10282)

Advisory Centre for University Education (ACUE)

Salary: HEO6 \$39,402 - \$42,664

This fixed term position is available from mid July for a period of 12 months as a replacement employee.

Further information concerning the position may be obtained by telephoning Associate Professor Robert Cannon on 8303 5771.

The selection criteria and duty statement may be obtained from the ACUE Secretary, telephone 8303 5771.

Applications close 8 May 2000.

HELP DESK OFFICER

(Ref: 10217)

Faculty of Humanities and Social Sciences Office

Salary: HEO3 \$ 27,174 - \$30,979*

*Junior rates apply to those persons 20 years of age and under.

This continuing position is available immediately.

Further information including the duty statement and selection criteria may be obtained from Ms Caroline Doust, telephone: 8303 3394, fax: 8303 4382 or email: <caroline.doust@adelaide.edu.au>.

Applications close 8 May 2000.

HUMAN RESOURCES DEADLINES FOR ADELAIDEAN

For the *Adelaidean* of 8 May 2000, advertising paper work must be received in Human Resources by 21 April 2000.

For the *Adelaidean* of 22 May 2000, advertising paper work must be received in Human Resources by 5 May 2000.



Barr Smith Library tours

Join a free 30 minute guided tour on the first Thursday of every month.

Ideal for staff, postgraduates or honours students unfamiliar with the layout, collections, resources and services of the Barr Smith Library.

RSVP to Jennifer Osborn (Reference Services). Maximum of 12 per group. Tel: 8303 3706 Email: <jennifer.osborn@adelaide.edu.au>.

Preparing Your Teaching Portfolio

A Workshop presented by the Advisory Centre for University Education

Teaching Portfolios are growing in use as a tool for gathering and presenting evidence of teaching in applications for promotion, for teaching awards (such as The Stephen Cole the Elder Prize for Excellence in Teaching) and for Departmental Teaching Awards.

In this workshop, portfolios will be explained and strategies considered for their preparation and use. Staff considering making an application now, or in the future, for promotion, for an award, or who are interested in ways of documenting their achievements for other purposes will find this short activity helpful.

Workshop Leader: Associate Professor Bob Cannon
Date and Time: Workshop 1 - Tuesday 2 May 2000, 1.10 - 2.10pm, Room 305, Level 3, Schulz Building
Workshop 2 - Tuesday 1 August 2000, 1.10 - 2.10pm, ACUE, Level 2, Schulz Building.

OR
Please enrol by telephoning 8303 5771 or email: <lynne.bradshaw@adelaide.edu.au>.

GENERAL NOTICES

Special Studies Program

Special Studies commencing in the period January-June 2001.

Applications are now invited for Special Studies commencing in the first half of 2001. Application forms may be obtained from Human Resources (ext 35666 or 35177) or through our Web page on <http://www.adelaide.edu.au/HR/services/f_sspapp.htm> and should be returned to Human Resources through the Head of the Department no later than 12 May 2000.

Following a recent review of the SSP, the University has revised the rates of financial support for staff undertaking SSP activities from 2001 as follows:

1. Calculation of airfare assistance will be simplified and related more closely to the actual cost for the staff member and dependents, to provide reimbursement of the economy-class, advance-purchase return airfares up to a maximum figure as set out below for the staff member and each dependent charged an adult fare, with an appropriate fraction for dependent minors based on actual fares charged.

- * for travel to UK, Europe or North America up to \$2,800;
- * for travel to Asia, Africa or South America up to \$2,000;
- * for travel in Australia and the Pacific up to \$1,000.

2. The travel grant may be awarded once for each three years of employment and the present complexity under which a staff member elects to use a certain number of "fare days" will be eliminated.

3. The allowance as a cost of living subsidy will be doubled, i.e. based on 14.4% of the daily salary of a Level C at step 6 for travel in Australia or the Pacific.

The revised policy and associated documentation are available on the HR web page. The payment procedures with regard to taxation arrangements are currently under review and will be finalised shortly.

The supporting statement on page 6 of the application must be completed by the Head of the Department and Heads are reminded that in accordance with Paragraph 2.1.6 of the Special Studies Program Policy they are asked to comment specifically on both the academic justification for the program and itinerary, and the implications in terms of the teaching, examining and administrative needs of the Department. All applications should be considered by the Departmental Committee before submission.

Under the terms of Paragraph 2.1 of the Policy all applicants will be required to justify the period of Special Studies sought, irrespective of the length of the period involved. Details from Julie Raeck, ext 35177.

STEVE DAYSH
General Manager
Human Resources

The Stephen Cole the Elder Prize for Excellence in Teaching 2000

The Stephen Cole the Elder Prizes for Excellence in Teaching recognise and reward outstanding teaching. The prizes are awarded annually to academic staff whose teaching is regarded by students and academic colleagues as being of excellent quality.

Applications are invited for the 2000 Stephen Cole the Elder Prizes for Excellence in Teaching at the University of Adelaide. Three prizes will be awarded for undergraduate teaching, one of which will be awarded to an applicant in the first five years of their teaching career, and one award will be made for postgraduate teaching. Each prize will consist of a monetary award of \$5,000 and a certificate presented at the appropriate commemoration ceremony. The prize money is to be used by the winners to help them with the further development of their teaching activities.

Each winner will be required to agree with the Deputy Vice-Chancellor (Education) on appropriate form of dissemination of their achievements in teaching (which might include a seminar, an article for the *Adelaidean* and/or a web-page article). Candidates with at least two years' service to the University in a teaching position are eligible for nomination by their students and academic colleagues. Teaching groups may also be nominated.

Nominations will be considered by a selection committee convened by the Deputy Vice-Chancellor (Education) and consisting of student and academic staff representatives.

Nominations are now sought for The Stephen Cole the Elder Prizes for Excellence in Teaching for 2000. Guidelines and nomination forms can be obtained from Marie Reitano, Office of the Deputy Vice-Chancellor (Education), Rm G04, Mitchell Building, ext 35511, fax: 35150, email: <marie.reitano@adelaide.edu.au> or downloaded from the Deputy Vice-Chancellor's website: <http://www.adelaide.edu.au/DVC/quality/stephen_ole_prize.html>.

Nominations must reach the Office of the Deputy Vice-Chancellor (Education) by Monday 5 June 2000.

PENNY BOUMELHA
Deputy Vice-Chancellor
(Education)

Missed the deadline?

For all the latest news see the online bulletin boards at <<http://online.adelaide.edu.au>> available to staff and students of the University.

Review of the Department of Geographical & Environmental Studies

Call for Submissions

The University is currently undertaking a review of the Department of Geographical & Environmental Studies. Staff, students and members of the community are invited to make a submission to the Review on matters relevant to the Terms of Reference. The primary term of reference is to provide an overall evaluation of the performance of all parts of the Department and to advise on future academic directions.

The complete terms of reference can be obtained at the following web address: <http://www.adelaide.edu.au/DVC/reviews/geography_review.html>, or by contacting Tim Scroop, Reviews Officer, 8303 5902.

It is requested that submissions be received by Friday 8 May 2000. They should be sent to Tim Scroop, Reviews Officer, Rm G04, Mitchell Building, University of Adelaide, SA, 5005. Please indicate if you wish your submission to be confidential.

Please indicate in your submission whether you are interested in speaking to the Committee if the possibility arises.

PENNY BOUMELHA
Deputy Vice-Chancellor
(Education)

Review of the University of Adelaide Libraries

Call for Submissions

The University is currently undertaking a major review of the University of Adelaide Libraries. Staff, students and members of the community are invited to make a submission to the Review on matters relevant to the Terms of Reference. The primary term of reference for the Review is 'to provide strategic advice on the maintenance of international-standard information services'.

The terms of reference can be obtained at: <http://www.adelaide.edu.au/DVC/reviews/library_review.html>, or by contacting Tim Scroop, Reviews Officer, 8303 5902.

It is requested that submissions be received by Wednesday 26 April 2000. They should be sent to Tim Scroop, Reviews Officer, Room G04, Mitchell Building, University of Adelaide, SA, 5005. Please indicate if you wish your submission to be confidential.

Please indicate in your submission whether you are interested in speaking to the Committee if the possibility arises.

PENNY BOUMELHA
Deputy Vice-Chancellor
(Education)

SET: Student Evaluation of Teaching

The Advisory Centre for University Education (ACUE) provides a service to all University teaching staff who wish to evaluate their teaching. This service is known as Student Evaluation of Teaching (SET). Staff wishing to use SET for the first time should contact the Evaluation Service Office, ext 33496/33023, for a copy of the package.

The SET package contains a User Manual, appropriate evaluation request forms, and some information concerning applications for promotion and tenure. The service is free of charge and is available to all teaching staff of the University.

Due to high demand for SET questionnaires, and to the fact that the Evaluation Service is currently staffed by one full-time person only, please send your evaluation request forms to the ACUE **at least four weeks prior to the planned date of your evaluation.**

It is ACUE policy that all requests are placed in a queue determined strictly by date of receipt. Requests which do not allow sufficient lead time may not be processed. We recognise that occasionally there will be circumstances where a staff member will need to request an evaluation service but cannot give the required minimum notice. In these cases a service will be provided within 5 working days and a priority fee of \$75 charged.

Women's Professional Development Network (WPDN)

The WPDN is a development initiative for all women general staff of Adelaide University. It focuses on issues affecting the professional and personal development needs of women general staff.

The WPDN runs a variety of activities including breakfasts, lunchtime speakers and workshops. For more information, visit our web site at:

<<http://www.adelaide.edu.au/wpdn>>

or contact Sam Jacob <sam.jacob@adelaide.edu.au>, ext 34201, or Danielle Hopkins <danielle.hopkins@adelaide.edu.au>, ext 33937.

COMING EVENTS

Breakfast

- 8.00am on Tuesday 16 May at Cafe Buongiomos, Rundle St.

Lunchtime Workshop

- Friday 5 May: How to host the perfect event without a murder: tips on how to cut corners and make organising an event easier. Our guest will be Margaret Terrell.

Free event of 1hr duration, bring your lunch. Venue is the Ira Raymond Room, Barr Smith Library, 12.30pm.

Inaugural Lectures

AUTUMN 2000

The Vice-Chancellor, Mary O'Kane, is pleased to sponsor a series of Inaugural Lectures by recently appointed Professors of Adelaide University.

Members of the University community and the public are warmly welcome.

Lectures will be at Friday lunchtimes, starting at 1.15pm. The first five lectures will be held in Lecture Theatre G04, Napier Building and the remaining two in Lecture Theatre 102, Napier Building.

Friday 28 April:

Earthquakes: facts, effects, fancies by Professor Stewart Greenhalgh (Geology & Geophysics)

Friday 5 May:

Ouch! Children and pain by Professor John Taplin (Psychology)

Friday 19 May:

Drug addiction: what do treatments treat? by Professor Jason White (Addiction Studies)

Friday 26 May:

Percy Grainger as essayist by Professor Malcolm Gillies (Executive Dean, Humanities & Social Sciences)

Friday 2 June:

Culture, emotion and illness by Professor Robert Barrett (Psychiatry)

Friday 9 June:

Ocean waves — from the beach to outer space by Professor Ian Young (Executive Dean, Engineering, Computer and Mathematical Sciences)

Friday 16 June:

Fertility control: options for the male by Professor Simon Maddocks (Director, Roseworthy Campus).

Professional and Continuing Education Courses

Professional and Continuing Education is presenting the following professional development courses. The cost for Adelaide University staff for these one-day programs is \$208.

Project Management

02PD1017

Wednesday 26 April 2000

Writing Letters and Reports

02PD1040

Wednesday 3 May 2000

Motivating Your Staff - A Challenge for Managers

02PD1023

Tuesday 9 May 2000

Financial Planning and Budgeting

02PD1019

Wednesday 10 May 2000

Creatively Managing Conflict

02PD1035

Thursday 11 May 2000

Please contact Nadia Tarasenko on 8303 4777 to enrol or for further information.

Welcome in the new millennium with one of our dental care specials!

Dental treatment for University staff and students

We are offering a very special rate for new patient checkups and scale and polish.

The Colgate Australian Clinical Dental Research Centre (CACDRC) is a state-of-the-art clinical research facility located in the Adelaide Dental Hospital building (adjacent to the Royal Adelaide Hospital) and is a unit of Adelaide University and the Dental School.

Emergency dental treatment and routine dental care is available at the CACDRC. In addition, specialist orthodontic and implant services are now available.

All patient treatment is carried out by qualified staff. Competitive rates and EFTPOS facilities are available. Concessions are also available for holders of University cards. Convenient public transport access is available.

For further information, to book a tour of the Centre or to make an appointment for treatment, contact Lisa 8303 3437.

Harold J Rodda Memorial Scholarship

Applications are now invited for the 2000 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 Adelaide University.

Application forms together with information regarding the scholarship may be obtained by contacting the Kathleen Lumley College Office, tel 8267 3270. **Applications close on 28 April 2000.**



MEDIA MARKETING & PUBLICATIONS UNIT
OFFICE OF THE VICE-CHANCELLOR

JOHN EDGE
MANAGER
ADELAIDE UNIVERSITY
SOUTH AUSTRALIA 5005
TELEPHONE 618 8303 4030
FACSIMILE 618 8303 4838
JOHN.EDGE@ADELAIDE.EDU.AU

18 April 2000

All Staff
Adelaide University

Dear Staff Member

The University's identity is a valuable asset. Management of that value through strong and consistent visual communication is one tool in our efforts to ensure the University is strongly positioned and well-recognised in its market.

This letter is an example of new stationery templates which have been developed as part of the University's Visual Identity Project.

Among other things, the project involves redesign of the University's logo, use of specified fonts in all communications, and new templates with a special colour palette for print publications.

The publications templates have been in use since earlier this year, and many areas have begun tailoring their brochures to the new look. The reprinted Strategic Plan recently sent to all staff is an example, as are new prospectuses for international students, and a range of course brochures from various Faculties.

It is now time to introduce templates for everyday desktop use. Over the next few weeks, Information Technology Services will test templates for Microsoft Office 95 with a group of Superusers. This will be followed by a full rollout early in June. In the interim, the current logo and identity standards remain valid.

A web-site for the Visual Identity Project is also in development. This will include templates, a guidelines manual, versions of the new logo for specific purposes, and instructions for users who are not within the University-supported operating environment. There will also be a section for Frequently Asked Questions which will be updated as required. Additional templates and guidelines will be added as the need is identified. The web site is expected to be available by early May.

In addition to the web site, further updates will be posted in the Adelaidean and by e-mail to IT contacts and Superusers.

The Visual Identity Project is a complex exercise which cannot happen overnight, and I ask your patience as we move progressively to adoption of the new standards throughout the institution.

Yours sincerely

John Edge

Research Branch update: ARC grants and the GST

AUSTRALIAN RESEARCH COUNCIL (ARC) GRANTS FOR 2001

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

Applications for this scheme closed with the Research Branch on Wednesday 26 April. Contact Sondra Gould (extension 33387) for further information.

Research Infrastructure Equipment and Facilities Scheme

The main objective of this program is to fund relatively large scale initiatives (in excess of \$100,000) to develop research infrastructure on a collaborative basis among groups of institutions, across the higher education system as a whole, and with organisations outside the system.

Approximately \$20 million will be available through the program in 2001. Funding is for one year only.

Intending applicants for funding under the RIEF scheme in 2001 were required to submit a draft application by Friday 28 April for initial consideration at a meeting of the Deputy Vice-Chancellors (Research) of the three South Australian universities at which the institutional contributions to be allocated to each proposal will be decided.

Final applications are due in the Research Branch by no later than Friday 26 May.

Indigenous Researchers Development Scheme

The key objective of this scheme is to develop the research expertise of

Indigenous Australian researchers to a level at which they can compete in open competition for mainstream research funding. Applications are accepted only from Indigenous Australian researchers and all Chief Investigators must meet this criterion. However, as the scheme aims to develop the research expertise of successful applicants, it is strongly recommended that a mentor (who does not need to be an Indigenous Australian) is associated with the proposal to provide specific expert advice on the subject of the research.

Application forms and guidelines are available on the Research Branch website and further information can be obtained from Sondra Gould on extension 33387. Applications close with the Research Branch on Friday 16 June.

RESEARCH AND THE GST

As previously advised a session on this topic has been scheduled in the weekly seminar series conducted by the Department of Geology and Geophysics and researchers from all Departments are welcome to attend to have their questions answered.

The session to be conducted by Mr Martin Kusabs of the Finance Branch will be held in the Mawson Lecture Theatre, Mawson Building at 1.10pm on Wednesday 3 May.

In the meantime, ensure that you make provision for the GST in any grant application you submit.

Research Branch web site:
www.adelaide.edu.au/RB/

RESEARCH GRANTS 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 for the funding schemes listed below, contact the Research Branch, ext 35137; or email renae.minerds@adelaide.edu.au.

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

Wellcome Trust - Various Fellowships, Grants and Travel Awards: Applications can be submitted at any time. See the Research Branch 'Update' newsletter or visit the Wellcome Trust web site <http://www.wellcome.ac.uk/> for further details.

European Union - Framework Agreements for Research Collaboration: Web site: <http://www.dist.gov.au/science/ist/country/eurunion/collab.html>. (For information on opportunities under the EC/Australia S&T Cooperation Agreement and potential funding sources for Australian researchers). Web site: <http://www.cordis.lu>. (For information on European Community research programs, calls for proposals, partner search, contacts, publications, news, etc.)

Anti-Cancer Foundation of Australia - Research Grants: Internal closing date: 27 April 2000

Australian Brewers' Foundation - Alcohol-Related Medical Research Grant Scheme: Internal closing date: 28 April 2000

Radiological Society of North America - Research and Education Foundation - Seed Grants: Internal closing dates: 1 May & 1 September 2000. Web site: <http://www.rsna.org>.

Australian Academy of Science - Rudi Lemberg Travelling Fellowship: Internal closing date: 5 May 2000. Web site: <http://www.science.org.au/awards/lemberg.htm>.

Bonnie Babes Foundation - Grants: Internal closing date: 5 May 2000

Parke Davis/Pfizer - Cardio Vascular Lipid Research Grants: Internal closing date: 5 May 2000. Web site: <http://www.cvlgrants.com.au>.

Juvenile Diabetes Foundation - 2000 Travel Grants: Internal closing date: 8 May 2000

National Heritage Trust, Coasts and Clean Seas - Funding for Environmental Projects 2000-2001: Internal closing date: 11 May 2000. Web site: <http://www.environment.gov.au/net/ccs.html>.

National Cancer Institute, USA - Genetic Regulation of Susceptibility to Tobacco-Related Carcinogenesis: Internal closing dates: 15 May & 15 September 2000. Web site: <http://www.nih.gov/grants/guide/pa-files/PA-98-095.html>.

National Centre for Research Resources (NCRR), USA

- **Novel Approaches to Enhance Stem Cell Research:** Internal closing dates: 15 May & 15 September 2000. Web site: <http://www.nih.gov/grants/guide/pa-files/PA-99-086.html>.
- **Comparative Medicine - Various Awards and Programmes (Visit website for further details)** <http://www.ncrr.nih.gov>.

National Institute of Arthritis and Musculoskeletal and Skin Diseases, USA - Grants for Research on the effects of Microgravity on the Musculoskeletal System: Internal closing dates: 15 May & 15 September 2000

National Institute of Arthritis and Musculoskeletal and Skin Diseases, USA / National Institute for Child Health and Human Development, USA / National Institute of Dental Research, USA / National Institute of Diabetes, Digestive, and Kidney Diseases, USA - Research Grants for Research on Skeletal Growth and Development: Internal closing dates: 15 May & 15 September 2000. Web site: <http://www.grants.nih.gov/grants/guide/pa-files/PA-98-105.html>.

National Institute of Diabetes and Digestive and Kidney Diseases, USA / National Eye Institute, USA / National Institute for Dental and Craniofacial Research, USA / National Institute of Neurological Disorders and Stroke, USA / National Heart, Lung, and Blood Institute, USA - Research Grants - The Role of Growth Factors in the Development of Diabetes Complications: Internal closing dates: 15 May & 15 September 2000. Web site: <http://www.grants.nih.gov/grants/guide/pa-files/PA-99-159.html>.

National Institute of Neurological Disorders & Stroke / National Institute of Arthritis and Musculoskeletal and Skin Diseases, USA - Research Grants - Gene Therapy in Duchenne Muscular Dystrophy: Internal closing date: 15 May & 15 September 2000. Web site: <http://www.grants.nih.gov/grants/guide/1994/94.02.18/pa-gene-therapy-ind008.html>.

National Institute on Deafness and Other Communication Disorders, USA / National Institute on Aging, USA -

Research Grants - Olfactory Neurogenesis: Internal closing dates: 15 May & 15 September 2000. Web site: <http://www.grants.nih.gov/grants/guide/pa-files/PA-95-090.html>.

National Institute on Drug Abuse, USA - Research Grants on the Origins and Pathways to Drug Abuse: Internal closing dates: 15 May & 15 September 2000. Web site: <http://www.grants.nih.gov/grants/guide/pa-files/PAR-99-168.html>.

National Heart, Lung and Blood Institute, USA - Cellular and Molecular Mechanisms of Primary Pulmonary Hypertension: Internal closing dates: 18 May & 15 September 2000. Web site: <http://www.grants.nih.gov/grants/guide/pa-files/PA-00-043.html>.

National Institute of Child Health & Human Development, USA - Vulvodynia - Systematic Epidemiologic or Therapeutic Studies: Internal closing dates: 18 May & 15 September 2000. Web site: <http://www.grants.nih.gov/grants/guide/pa-files/PA-98-112.html>.

National Institute of Dental and Craniofacial Research, USA - International Collaborative Oral Health Research Planning Grant: Internal closing dates: 18 May & 15 September 2000. Web site: <http://www.grants.nih.gov/grants/guide/pa-files/PR-00-012.html>.

National Institute of Diabetes and Digestive and Kidney Diseases, USA - The Role of Endothelial Dysfunction in Diabetic Complications: Internal closing dates: 18 May & 16 September 2000. Web site: <http://www.grants.nih.gov/grants/guide/pa-files/PA-00-026.html>.

National Institute on Aging, USA / National Institute of Arthritis and Musculoskeletal and Skin Diseases, USA / National Institute of Diabetes and Digestive and Kidney Diseases, USA - Skeletal Muscle Perfusion, Aging and Cardiovascular Disease: Internal closing dates: 18 May, 15 September 2000 & 17 January 2001. Web site: <http://www.grants.nih.gov/grants/guide/pa-files/PA-00-056.html>.

National Institute on Drug Abuse, USA - Neurobiological & Behavioural Research on Nicotine and Tobacco Components: Internal closing dates: 18 May & 15 September 2000. Web site: <http://www.grants.nih.gov/grants/guide/pa-files/PA-00-045.html>.

British Academy/Association of Commonwealth Universities - Grants for Collaboration: Internal closing date: 19 May 2000. Web site: <http://www.acu.ac.uk>.

MS Australia - Grants and Postdoctoral Fellowships for 2000: Internal Closing dates: 19 May 2000 (Project Grants and Fellowships). 24 August 2000 (Seeding Grants & Ethics Approval). Web site: <http://www.mssociety.com.au>.

Australian Football League - Research and Development Grants: Internal closing date: 25 May 2000.

Australian Spinal Research Foundation - Research Grants Concerning Chiropractic: Internal closing date: 24 May 2000.

Scholarships

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

AFUW - ACT Bursary: Offers free board and lodging at Ursula College, ANU for up to four weeks, to a woman graduate or honours student from a tertiary institution in Australia, NZ, PNG or South Pacific countries. Open to women of any age wishing to carry out a short project, in any field, that requires a short stay in Canberra. Closing: 31 July (ACT).

Apex Foundation for Research into Intellectual Disabilities Ltd Undergraduate Studentships: Open to undergraduates preparing a thesis as part of their studies. The thesis must be related to intellectual disability. Value: \$1000. Closing: 31 May 2000 (Vic).

Australian Housing Institute Research Bursary: Value: \$3000. Open to individuals pursuing private study into the housing industry. Only private research projects voluntarily pursued as part of a formal course of study leading to a formal award are eligible. Enquiries Executive Officer, email: aushouse@tpgi.com.au, ph: (07) 3256 0202. Closing: 5 May (Qld).

Australian Minerals and Energy Environment Foundation Travelling Scholarship: Value: up to \$15,000 to enable an individual to travel overseas to study new developments in some aspect of environmental management, research or practice, so that the knowledge gained may be applied to the benefit of environmental management in the Australian minerals and energy industries. Details web site: www.ameef.com.au or by tel: (03) 9679 9911, fax: (03) 9679 9916, email: ameef@ameef.com.au. Closing: 5 May 2000 (Melbourne)

British Federation of University Women: A booklet providing details is available on request to the Student Centre.

National Heart Foundation Postgraduate Research Scholarships 2000 (Medical and Non-medical): Open to Australian citizens or permanent residents for full-time postgraduate research studies leading to a PhD at an Australian university. Research should be concerned with cardiovascular function, disease or related problems. Closing: 26 May (Medical)/25 October (non-medical) (Student Centre).