

Lower level project to revitalise campus

The designers of Canberra's Parliament House, Mitchell/Giurgola and Thorp Architects, have teamed with prominent South Australian company Hardy Architects to win the University of Adelaide's national design competition for its North Terrace campus.

University Council approved expenditure of up to \$40 million on the five-year project at its July meeting. This project will be the first major new building construction on the campus since the late 1970s, and is now entering the design development phase.

Demolition of the Fisher Building facing Frome Road and new buildings for Science and Engineering & Mathematical Sciences are at the core of the redevelopment.

A four-storey Bioscience and Biotechnology Complex behind Union Hall will house teaching and research facilities for Botany, Zoology, Genetics and Biochemistry. The Benham Building will be refurbished as a common undergraduate teaching suite.

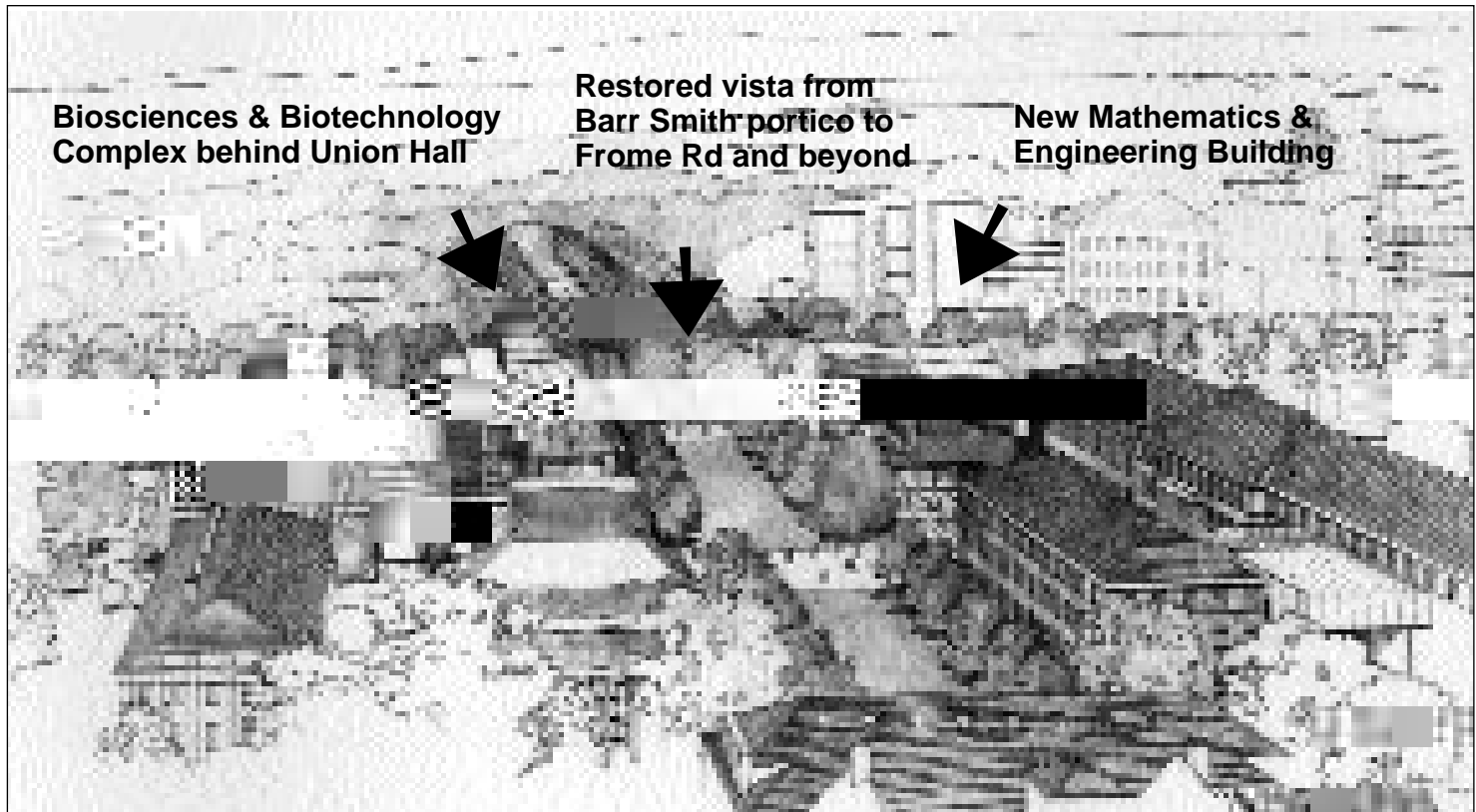
A new Engineering & Mathematical Sciences Building behind the Mathematics Building and possibly a 300-seat lecture theatre linking the Mathematics and Engineering buildings will support expanding programs in Information Technology & Telecommunications and increased numbers from 1998 when Sepang Institute of Technology students come to Adelaide.

The demolition of the Fisher Building restores the vista from the old Barr Smith Library entrance through to the Botanic Gardens. This east-west axis, visually and symbolically connecting the library building with the gardens, is one of three key lines of relationship which have shaped the architects' conception for the site.

The second is a north-south emphasis flowing from the current Engineering Building's north entrance across the lawns to the new Bioscience and Biotechnology Complex and on to the River Torrens. Mooted within the plan is construction of a glazed Galleria between the Benham and Mawson buildings, and the Union Hall and the new Bioscience building, to link them and form a "gateway" to the Torrens and the park lands.

The third key line of relationship links the Medical School across to the new Mathematics and Engineering Building and then looks over the lawns to the portico of the Barr Smith Library. The space between the present Mathematics Building and the new Mathematics and Engineering Building (which will be built on a skewed angle to other buildings in the area) is envisaged as a north-facing, sun-filled Campus Square, with a student cafeteria in the new building opening directly onto this square.

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Architect's impression of the new buildings on the lower level, including the restored vista from the Barr Smith portico.

Governance bill raises concern in Council

A Bill was introduced into State Parliament earlier in July which would markedly change the structure of the governing councils of all three South Australian universities.

The Bill, introduced by the Minister for Employment, Training and Further Education, Dr Bob Such, is the Government's legislative response to the McGregor report into university governance.

The Council expressed serious concerns with the Bill at its meeting on 12 July, and reconvened the following day to formulate a detailed response.

The Bill would reduce the size of the Council of the University of Adelaide from 35 members to 18 to 20.

There would be 11 to 13 external members including:

- the Chancellor;
- seven people appointed by the Governor on the recommendations of a selection committee, comprising the Chancellor and six people appointed by the Chancellor in accordance with guidelines determined by Council;
- three people elected by the Senate; and
- up to two people co-opted and appointed by the Council.

The Bill stipulates that there be four staff members including two academic staff, elected by the academic staff, and two "ancillary" staff, elected by the "ancillary" staff.

There would be two student members including one undergraduate and one postgraduate, both to be "appointed or elected in a manner determined by Council after consultation with the presiding member of the Students' Association".

The Bill defines the role of the Council as the "governing body" with principal responsibilities for overseeing the management and development of the University, devising or approving strategic plans and major policies for the University, and monitoring and reviewing the operation of the University.

The Council has written to Dr Such expressing its concerns with the Bill.

To start, the Council believes no case has been put for the changes proposed.

Specifically, the Council is concerned to preserve the autonomy of the University and the democratic electoral process of its students, staff and alumni.

If there is to be a change the Council favors an additional undergraduate student representative, the election of eight external members by the Senate, six staff members (four academic, two general), and the co-option of three members.

The Council also raised concern about a provision in the Bill to put an eight-year cap on service for Council members.

Who's for the chop?

In a recent letter to *The Adelaide Review* ('Amanda's axe', July 1996, p.14), Lynn Martin supported the suggestion of Austin Gough, in an earlier edition of that paper, that university administration, rather than teaching departments, should bear the brunt of any cuts to higher education in the August budget. Lynn cites the Advisory Centre for University Education (ACUE), and the Equal Opportunity and Occupational Health and Safety Offices as examples of 'administrative offices' which have grown in size as academic departments, including Lynn's own Department of History, have shrunk.

I do not intend to argue the pros and cons of Lynn's predictions about how the University will handle funding cuts. Indeed, I agree with another correspondent in the same edition of the paper, Richard De Angelis (Flinders University) who deplors the tendency of academics to fight each other in public rather than the

common foe. However, Lynn's letter does include several misconceptions about the ACUE which cannot pass without comment.

There are in fact 26 employed in the ACUE. However, many of these people are part-time; the effective full-time number of staff (EFTS) is 20. Of these EFTS, 11.2 are academic staff — this is the appropriate figure for comparison with the 13 historians in Lynn's department. Moreover, only 55% of ACUE staff are employed under recurrent funding from the Deputy Vice-Chancellor's Area Fund: the remainder, 14 people, are funded from consultancy income, grants and income from fee-paying students. It seems unfair that the ACUE should be held up for criticism because we exercise the initiative required to bring into the University outside income.

Finally, the ACUE is an academic, not an administrative, centre of the University (University of Adelaide Calendar, Vol 1, p.212). Its academic staff are expected to do research and publish and to com-

pete for promotions and grants. Most important of all, they contribute to the teaching effort of the University, ideally in co-operation with their colleagues from the more traditional departments.

Contrary to Lynn's prediction, I doubt that the ACUE will 'remain unscathed' in the fallout from the August budget, but I do hope the decision as to how funds are cut or redistributed will be based on the facts.

Dr Gerry Mullins
ACUE

Geographical facts

I have recently read the *Adelaidean*, published on 17/06/96 and I would like to highlight a correction to the geographical data of the Teochew dialect group. This dialect group is centred in the upper Northeast of Quangdong Province in China, not Southwest as published.

Alec Hir
BE (Civil) Hons, 1993

The News IN BRIEF

MULTIMEDIA SECONDMENT

The University's Director of Policy and Planning, Dr Adrian Graves, is to take up a two-year secondment to the Ngapartji Cooperative Multimedia Centre.

The three South Australian Universities, along with leading information technology companies, are shareholders in Ngapartji. Dr Graves will take up the role of Director of Business Development for the centre.

ELEMENTARY TRUTHS

Following its recent highly successful Millennium series of public lectures, the Philosophy Department is now offering another lively and controversial evening on 8 August with the University of Geneva's Professor Kevin Mulligan.

One distinction in philosophy is between Western and Eastern philosophy. Within Western philosophy, there is another distinction, between analytical philosophy and continental philosophy.

Professor Mulligan is known for his strongly critical views of recent poststructuralist continental philosophy, including Heidegger, Foucault and Derrida. He maintains that this amounts to a disastrously wrong turn within parts of the humanities and social sciences.

Professor Mulligan's lecture, "Continental Philosophy: Some Elementary Truths", will take place from 7.30-9.00pm in Lecture Theatre 102, Napier Building. The lecture is free and all are welcome.

STUDENT ASTRONOMY AWARD

Lisa Bewley, a 1995 Honours student in Physics & Mathematical Physics, was recently awarded the 1996 Bok Prize of the Astronomical Society of Australia for the best undergraduate report on an astronomical topic in the previous year.

The Bok Prize (\$250 and a bronze medal) commemorates the work of Bart Jan Bok, former director of the Mt Stromlo Observatory.

Ms Kewley's honours research, supervised by Dr Roger Clay and Dr Bruce Dawson, was on the subject of astrophysical angular correlations and was concerned with relating the directions in space of a number of astronomical phenomena: galaxies, gamma-ray bursts and the highest energy cosmic rays.

The Madley Dance Space will be the venue for three nights of unique chamber opera in August when a new Australian premiere and the world's earliest known opera are presented on the same program.

The widely contrasting works are *A Madrigal Opera* by Philip Glass and Adam de la Halle's *Robin and Marion*, both stage directed by former Head of Drama, Frank Ford.

Glass wrote *A Madrigal Opera* in 1982, and describes the six-part vocal madrigal as being "completely written in terms of music but await[ing] the contribution of other authors in order to be completed for the theatre."

Frank Ford and Musical Director Grahame Dudley met Philip Glass earlier this year to discuss their Australian premiere production.

Grahame Dudley says their original interpretation of the work "is based on contemporary rituals and the western cultural obsessions of cleanliness and exercise. It focuses on the quest for personal hygiene, fitness and beauty and the repetitive rituals we have built around them."

A Madrigal Opera features the Ronin Dance Company from the Dance Department and a multimedia design by PATU (the Performing Arts Technology Unit of the Faculty of Performing Arts).

By contrast, the bawdy *Robin and Marion* was written in 1288, and is the earliest opera of which there is any written record.

Under the musical direction of Lesley Lewis, the Elder Conservatorium's Early Music Workshop students will use traditional Medieval and Renaissance instruments, including the viol, dulcimer, crum horn and shaum.

Performances are in the Madley Dance Space at 8.00pm on 8,9,10 August, with 12.15pm matinees of *Robin and Marion* only on 8/9 August. Tickets \$12/\$10/\$6, matinee tickets \$4: available at the door or on 303 5995.

Exploding honey — simple maths problem has numerous real-world applications

When you see a spoonful of honey dripping onto a piece of toast, you don't normally think of mathematics.

But one man who does think of honey in mathematical terms is the University of Adelaide's Professor Ernie Tuck.

Professor Tuck, from the Department of Applied Mathematics, has developed an equation to measure the "explosive" rate at which very viscous liquids, such as honey, sometimes move.

"If you take a spoonful of rather thick honey and turn it upside down, it takes several seconds before it starts to fall, but then it falls quickly," Professor Tuck explained.

"There is a finite point of time at which the length of the honeydrop suddenly increases, and this can be predicted from the size of the spoonful and the viscosity of the honey.

"Using no more than Year 12 calculus we can predict this rapid change, from the point where the honey is hardly moving to when it suddenly drops from the spoon onto the toast," he said.

Professor Tuck said this method of predicting the rate of explosive growth had been developed further into a computer simulation by PhD student Miss Yvonne Stokes. He said the simple model itself and the extended computer simulation had many applications in the real world.

"The simple Honey On Toast model has been taken up by the CSIRO's Student Research Scheme, a national

program that allows selected high school students the chance to participate in higher-level research projects," Professor Tuck said.

"A Year 12 student from Marryatville High School, Leah Weckert, has been demonstrating the

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Agricultural Science PhDs on the move

Two University of Adelaide PhD candidates were among five nation-wide winners of the Farrer Memorial Travelling Scholarships announced recently by the Director-General of NSW Agriculture, Dr Kevin Sheridan.

The awards are designed to support overseas travel by postgraduates enrolled for a PhD on any aspect of field crop research.

Jason Eglinton from Plant

Science will travel to the 7th International Barley Genetics Conference in Canada, next month. The conference, which is held every four years, is the pre-eminent international meeting in Mr Eglinton's area of research on identification and characterisation of alternative alleles for malt enzymes from the wild barley *Hordeum spontaneum*.

Paul Nelson, who is in Soil Science, is researching the role of organic mat-

ter in maintaining the structure of sodic soils. These soils have poor conditions for plant growth due to clay dispersion, and their widespread distribution throughout the cereal growing areas of Australia poses major limitations to yield. Mr Nelson will visit the US and Canada to attend the Annual Meeting of the American Society of Agronomy/Soil Science Society of America in Indianapolis in November this year.

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Anatomist breathes new life into old bones

Koala fingerprints, ancient diseases, the eruption of Mount Vesuvius, and the restoration of animal skeletons are all topics that seem to have little in common — but not to Professor Maciej Henneberg, from the University of Adelaide's Department of Anatomy and Histology.

The inaugural Wood Jones Professor of Anthropological and Comparative Anatomy, Professor Henneberg has been involved in the excavation of animal bones and human artefacts in many sites across the world, including South Africa and Italy; he has collaborated with other researchers to identify the kinds of diseases suffered by ancient Greeks; and he has helped determine the sex and age of people killed in Pompeii when Vesuvius erupted in 79 AD.

Professor Henneberg took up his position with the University in January where he is now supervising several other research projects, such as studying the way in which koalas' fingerprints resemble those of humans and apes, and establishing a collection of animal skeletons at the University that can be used for comparative anatomy teaching and research.



Professor Maciej Henneberg examines the skeleton of a giraffe. Photo: David Ellis

"This work is on the borderline between hard science and general humanities," Professor Henneberg said, "because we are dealing with history at the same time we are dealing with scientific evidence.

"What we're attempting to do is establish the place of humans in nature — where we came from, how we evolved, why we evolved differently from other animals, and also to see how our social order evolved," he said.

Professor Henneberg is originally from Poland and was formerly at the University of the Witwatersrand, University of Cape Town and University of Texas. He sees himself as continuing the important work into anatomy that has been conducted at Adelaide over the years.

He said world-renowned Adelaide professors Ray Last and Frederic Wood Jones were inspirational to him when he was a postgraduate student in Poland.

It is ironic, then, that Professor Henneberg has now taken up the Wood Jones Professorship, which was made possible by money donated to the University by the late Professor Last.

Professor Henneberg said his position was aimed at reviving students' interest in biological anthropology, by bringing the study of animal and human evolution into the teaching of anatomy. He and his colleagues in the department designed a new subject which started this year.

"The subject, Biological Anthropology, has not been taught here before, and it has been very successful so far," Professor Henneberg said.

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Lower level redevelopment project

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Throughout their concept for the site, the winning architects have incorporated open spaces, gardens, squares and terraces to ensure that the human scale of the North terrace campus is maintained and enhanced. Their proposal also gives high priority to energy efficiency, with maximum use made of passive environmental management techniques, including reduced east and west exposures, the use of sun shading to northern windows to act as light shelves, and maximum use of natural features such as trees to enhance natural ventilation and reduce the effects of sun.

Acting Vice-Chancellor, Professor Mary O'Kane said the lower level development would revitalise the north-east corner of the campus.

"This development will create an outstanding, 21st century infrastructure for our teaching and research in science, engineering and mathematics — particularly when linked with the almost completed up-grading of the Badger and John-son laboratories in the north-west corner of the campus," she said.

"The co-location of the biological sciences in the new complex will also improve internal collaboration between departments as well as our external

links with the Medical School, IMVS, Hanson Centre for Cancer Research, and CSIRO."

A display showing drawings for the lower level redevelopment proposal can be visited in the Ira Raymond Room of the Barr Smith Library until Friday 9 August.

The Property Services Branch, which will act as project manager, will set up a project office on the site within the next few months; this will have ongoing information about the project. In the meantime, enquiries should be directed to Mr John Larwood or Mr Rob Hutson on extension 35701.

—John Edge

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Team responds to economic needs

The University of Adelaide is playing a major role in the economic development of South Australian regional areas, through its involvement in the new Regional Research Network (RRN).

The RRN is a multidisciplinary research and consultancy group that specialises in economic development. It is comprised of the University of Adelaide's Centre for Labour Studies, the Key Centre for GIS (Geographical Information Systems), University of South Australia's School of Economics, Finance and Property, the University of Newcastle's Employment Studies Centre, and private company EcoBusiness.

The organisation has strong links with the southern region of Adelaide, having recently completed an economic study of the Willunga Basin.

Its latest achievement is being awarded a major economic development project encom-

passing the Adelaide Hills, Fleurieu Peninsula, Kangaroo Island, Southern Adelaide and the Murraylands.

Known as the South Central Region, the area covers more than 36,500 square kilometres and has a population of about 367,000 people.

The RRN was awarded the project by the SA South Central Consultative Group and is funded by the Commonwealth Department of Transport and Regional Development.

Project Director Mr John Spoehr, from the Centre for Labour Studies, said he welcomed the opportunity to develop closer links between industry in the South Central Region and the University sector.

"We have a lot to offer to the process of regional development by combining the diverse range of skills that exist in the University of Adelaide and the University of South Australia," Mr Spoehr said.

"Our multidisciplinary project teams produce very high levels of innovation through effective application of research," he said.

"I believe this project will mark the beginning of a very successful long-term research collaboration between members of the Faculty of Arts and the University of South Australia."

Members of the project team include Mr Rodin Genoff (Centre for Labour Studies) and University of SA staff including Mr Geoff Page, Mr Paul Statton and Mr James Juniper.

The team also includes Professor Graeme Hugo, Dr Kym Nicholson and Mr Errol Bamford (Key Centre for GIS), Director of EcoBusiness Mr Lou de Leeuw, finance expert Dr Fred Guilhaus, and Dr Roy Green, Director of the University of Newcastle's Employment Studies Centre.

—David Ellis

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A man of humane values

The following eulogy of the late Professor Harold Woolhouse was delivered by Professor Penny Boumelha from the Department of English at a special celebration of Harold Woolhouse's life which was held at the Waite Campus on Thursday 11 July.

I had many opportunities to see, and admire, Harold Woolhouse in action as the Dean of Agriculture, as a senior member of the University, and as a representative of the University of Adelaide in the wider community. I had also great personal cause for gratitude for the characteristic generosity with which, seeing that there were very few here who might be a mentor for a (then) young female professor of English, he simply took on the task himself. But I am particularly glad that it is not of this professional Harold that I have been asked to speak, because it is not for this alone that I believe he deserves to be honoured.

On the first occasion I met Harold, he said in that exact, almost fastidious, manner of his, 'I suppose you are a deconstructionist, are you?'. To be honest, I occasionally tire of conversations about deconstruction, post-structuralism or other arcane varieties of literary theory with people to whom it seems they can mean little and matter less, and to my shame I

tried to fob him off with some platitude. 'Oh', he said, 'I only ask because, when I was Professor-at-large at Cornell, I went to some lectures by Derrida [probably the world's leading literary theorist of the moment] and there were a couple of points I'd like to talk to you about.' It soon became apparent that Harold was as well versed in theories of literature as many of my closer disciplinary colleagues. But it was not only the theory of literature that interested him; he spoke often, deeply, and well about writers whose work was important to him, writers like Rilke and Kafka, Berryman and Dickinson, Eliot and Hill. Harold sometimes wrote poetry, I know, although he never showed it to me or, to my knowledge, to anyone else. He wrote without any intention to publish, without any expectation of an audience, simply because he wanted to see if he could understand how it worked. To understand how things worked lay at the bottom of Harold's curiosity in science and art alike, and it was never a self-aggrandising gesture of mastery: it was, rather, a way of increasing what can reasonably be called reverence. Where his response to poetry was concerned, this meant a sometimes sharply discriminating but genuine humility in the face of artistic achievement.

Harold was certainly not a reli-

gious man; he was a rationalist by training, by temperament and by conviction. He was, though, a spiritual man in the finer, broader sense that he was deeply imbued with the humane values he saw embodied in culture and art, and totally persuaded of their absolute importance. In poetry and in music, particularly, he sought and he found wisdom. Harold Woolhouse was, of course, a very brilliant man, as his distinguished career demonstrates. But it was not just his intellectual qualities that set him apart. The personal qualities for which he deserves to be most remembered exemplify the very same qualities that he most valued in the poetry he loved: clarity of thought, precision of expression, generosity of spirit, and passionate contemplativeness. In this sense, the man and his poetry were truly, and as only rarely, at one.

It is hard to realise what is nevertheless obviously the truth, that Harold is not somewhere doing what he did best: thinking deeply about matters of significance. For

GUEST COMMENTARY CONT...

The history and purpose of universities

I condemn 'scaling' because:

First — it assumes that every subject of study possesses an inherent characteristic, denominated its difficulty or hardship, which remains, objectively, at one specific level;

Second — it assumes that the hardness or difficulty is capable of objective assessment;

Third — it assumes that there is but one set of tests by the application of which the hardness or difficulty of a subject may be assessed.

Those assumptions need only to be stated to show that they cannot be valid unless the word 'hardness' or 'difficulty' is wrenched from its natural setting and given a distorted and tendentious meaning for use in the scaling formula. In its natural setting, the respective powers of teachers to communicate enthusiasm, to inspire, and to instruct; the motives of students for studying a subject; and the depth to which studies are taken, all naturally fall for consideration; but the word 'scaling' has excluded them.

Take an example. A student at Oxford may read 'Greats' (in effect, ancient history and philosophy, based, for the most part, on original Greek and Latin sources). To obtain a 'First' in Greats is an egregious accomplishment. It would be foolhardy to maintain, without more, that a graduating student who obtained a First in Mathematics or Science must have overcome greater 'difficulties' than one who obtained a First in Greats. The respective difficulties encountered by students are of a different kind, and occur at differing levels and with differing frequency. (It is perhaps significant that, certainly in the humanities, papers in Oxford are judged, not by awarding an arithmetical figure, but by their intrinsic merit as a work of scholarship.)

A Greats graduate, like a Mathematics graduate, has been taught to think analytically and constructively.

If the sceptical reader insists that credentials are the object of tertiary training, let me inform him that a graduate with a First in Greats can readily find positions in a wide array of occupations, callings, and professions, because he can turn his mind to almost any task that calls for the capacity to analyse and resolve problems, including those that concern his fellow men. In that respect, he is certainly the equal of the graduate with a First in Maths. Obviously, both kind of trained mind will be needed. For those, however, who possess credentials only, opportunities in the work-force of the nation are limited correspondingly. Such credentials (preferably obtained after a university training) may be and are sought from an Institute of Technology, a College of Advanced Education, or TAFE; studies in true universities are, in their nature, fewer and wider.

The second manifestation of the destruction of our University's soul is a consequence of the sort of limited training just alluded to. That manifestation is evidenced by a deplorable tendency in present-day universities to concentrate on courses of study whose end is simply to provide credentials. One has but to survey the issues of the *Adelaidean* journal over the past few years to observe that it preponderantly displays an interest in the promotion of, and research into, an array of science subjects, both theoretical and applied, that may be used by the University and its graduates in partnership with industry and business. That interest is manifested by the advertised courses being offered, the research of other special projects being planned or undertaken, the funds being offered for associated purposes, and

reports of successes achieved. Little appears to encourage, and to make use of, students or graduates in the humanities. Occasionally mention is made of the humanities after the manner of throwing a dog a bone. In other words, the *Adelaidean* seems to reflect a growing tendency within University leaders and administrators to eschew the humanities.

Of course, I realise that the tendency identified above has been continuously driven, reinforced, and widened, by the policies of successive Commonwealth Governments, which have exercised their power over the allocation of funds so as to give direction to the courses offered. Those policies, if not caused by the reform of making universities 'free', were, at least, dramatically stimulated by that reform. Nor do I intend to detract from the ideals and objects of the Chapters formed over the last few years by the Alumni Association, or to suggest that universities were not put under Government pressure. The pressure was, indeed, applied, but universities did not have the vision or capacity to withstand it. I do not here presume to urge universities, by stoic self-denial, to return themselves, over night, to their traditional role. I simply say, whatever the cause (if I may borrow a line from Wordsworth), "That there has passed away a glory from the earth" (*Intimations of Immortality*). The restoration of that glory is for governments and universities to undertake, working, if I may repeat the expression, in partnership.

It may be said that, at the age of 77, I am out of touch with the practical demands of the real world. My answer is simple: the soul of a true university is timeless.

—The Hon. W. A. N. Wells

New play celebrates life of Greek modernist poet

Alumni IN BRIEF

Informal Cello Afternoon

Cellist Janis Laurs joins with pianist Lucinda Collins for an informal afternoon of music in the Hartley Building Concert Room at 2:30pm on Sunday 18 August. Hosted by the Cornell Chapter (Arts and Performing Arts).

da Vinci Chapter

The Leonardo da Vinci Chapter will hold its 1996 General meeting and election of a new committee at 5.30 for 6.00pm on Tuesday 13 August.

The meeting will be held at Casa D'Italia (SAIA), Carrington Street, Adelaide. Drinks and nibbles will be provided.

Anyone wishing to stay for dinner after the meeting should contact the Secretary of the Chapter, Romano Rubichi, by Friday 9 August on 356 2756.

Mathematics of Honey on Toast

Professor Ernie Tuck, Dean of Mathematical and Computer Sciences, will deliver an illustrated talk on "The Mathematics of Honey on Toast (and other everyday fluid flows)" at 7:30 pm, Wednesday 14 August, in the Benham Lecture Theatre as part of the Alumni Activities Program.

This illustrated talk is FREE. Individuals and groups are welcome; please contact the Alumni Association Office to let us know you are coming, on 303 4275.

Distinguished Alumni Awards

Nominations are now invited for the 1996 Distinguished Alumni Awards.

Any member of the alumni body of the University of Adelaide may nominate alumni for Distinguished Alumni Awards.

Further information may be obtained from the Executive Secretary of the Alumni Association, Mr Geoff Sauer, on telephone (08) or 61 8 303 4277, fax (08) or 61 8 303 5808 or by email: gsauer@registry.adelaide.edu.au

ADELAIDE: SE Corner- Person wanted to share lge townhouse with one other. \$82.50 pw. Ph 223 3396.

AVAILABLE: Furn 2bdm townhouse with study. Close to transport, shops. Courtyard garden. \$140 pw. Ph 333 0698 (ah).

BLUESTONE COTTAGE: Gilbert St, Adelaide. 2bdm, built ins, wooden throughout + slate. Atrium with conservatory. Private and secure. Lock up garage. Long term lease preferred. \$185 pw. Ph Melinda 0419 836 068.

BRIGHTON: Lge 3 bdm house for rent, sep dining. Avail Aug to mid Jan. Excellent location. 5 min walk to beach. Suit family. \$280 pw. Ph Sue Belleli 295 2022 (after 3 Aug).

CAMBRIDGE(UK): Are you going to Cambridge? I am a resident of SA and have a beautifully appointed 1bdm flat centrally situated to all colleges in Cambridge. Fully furn and centrally heated. Avail Oct 96. Prefer long let tenant. Ph 296 7340.

CAMBRIDGE(UK): Couple wish to swap 3 bdm house, garden, in attractive village, 12 km from city for house in Adelaide (preferably Blackwood/Eden Hills area) approx Dec 96 - Mar 97 or part. No smokers. Children negotiable. Reciprocal use of car if desired. Ph 370 3764.

CAMDEN PARK: Upstairs 1 bdm flat. Fridge & built in robes. \$60 pw. Ph Garry Stevens 326 6351 or contact Gary Smith Real Estate 297 9622.

EASTWOOD: 2 bdm fully furn cottage with mod cons. 1 or 2 people to share 2nd bdm (twin beds). Non smoking, female vegetarians preferred but not mandatory. \$80 pw + exp for single occupancy or \$100 (\$50 each) + exp for twin share. Call Elspeth 338 2811 (w) or 272 4018 (ah), or STD (08) 8842 3557 on weekend. Immediate occupancy avail.

HIGHGATE: Female wanted to share 2bdm unit. Rent negotiable. Close to bus route. Ph 210 0435 (w).

KANGAROO ISLAND: Vivonne Bay. Self contained architecturally-designed house. Sleeps 5. Beautiful beach, bush, wildlife. Ph 388 6404.

LEABROOK: Lge, recently renovated, 4 bdm, full furn villa (main en-suite) with sep lounge, dining & family rms. Lge grounds, tennis court. Close to schools & facilities. Avail 5/10/96 - 25/1/97 to responsible family. \$450 pw + bond. Ph 314 508 or 235 7452 (w).

MARDEN: 2 females to share 3 bdm furn house. Close to shops, bus stop, Mins. to city! Ph Wayne 365 7580. \$40pw + expenses.

NTH ADELAIDE: Non-smok-

ing female to share furn 3bdm townhouse. Close to all amenities, linear park, & parklands. Avail early Sept. \$100 pw. Ph 239 2335.

PARKSIDE: Person to share pleasant old house & garden with one postgrad & cat. Lge unfurn room. \$80 pw + exp. Ph Alison 303 6641 or 271 7293.

PARKSIDE: Share accomm with 2 females avail. 1 bdm. Available now. \$60 pw. Contact Felicity 373 5962.

WANTED: Polish academic, wife and 2 daughters (9 & 10) seek furn accomm within easy reach of North Tce. Required Sept for 6 mths. Ph Dr Protheroe 303 4748/303 5996 or email: rprother@physics.adelaide.edu.au.

WANTED: Visiting US scientist wants accom. 1 bdm/bedsit/granny flat close to North Adelaide. 19 Aug to 11 Nov 96. Apply direct by email: sfred@hubcap.clemson.edu or ph 204 7061.

WANTED: Family of 4 relocating from the US seeking temporary housing in the eastern or south-eastern suburbs. Prefer 3-4 br within short distance of primary/high schools. Contact David Castillo castillo@s61.es.lnl.gov or Marian Magee marian@pangea.stanford.edu

WANTED: Visiting NZ academic requires accomm for 4 months 6 Aug - 6 Dec. Prefer 2 br furn flat, but would consider house sit (willing to care for animals and garden), or share. Contact Keith email K.Tuffin@massey.ac.nz

WEST BEACH: Furn townhouse with small balcony and absolute sea views, 2bdm, study, formal living/dining, full bathroom upstairs, toilet & shower downstairs, air con, gas heating. \$285 pw. Ph Sue Midson 015 393 797 or 358 3322.

BED: Double Sealy Posturepedic, spotless, under warranty. \$400 ono. Double