AMALGAMATION

The Council of the University says that there is a grave danger that the present proposals for amalgamation of Newcastle College of Advanced Education with the University will prove to be insufficiently flexible in terms of teaching arrangements to allow economies the Federal Government is seeking.

The Council says that the present proposals, if implemented, would undermine the University's essential flexibility in terms of teaching arrangements to allow the University to continue to retain and attract academic staff on an international level of scholarship and research.

The University is anxious to develop a co-operative relationship with the Higher Education Board which would ensure the provision of high quality advanced education courses designed to meet the needs of the Hunter Region.

"The University now accepts, albeit reluctantly but with good grace, that its preferred mode is not acceptable to the College Council and evidently is not supported by the State Government. It is the submission's view that this is an opportunity lost. If the submission is not accepted, the University is determined to be constructive in arriving at an alternative mode of amalgamation.

"It is stressed that the University has been prepared to move considerably, though not without misgivings, in the direction of the proposals formulated by the College Council and, so far as the University is able to judge, the same as that Board's relationship with universities which do not have advanced education responsibilities.

"The University considered, said the submission, that the broad framework of the present proposals more than safeguarded the present and future well-being of the University. It takes the view that it is essential that the University sector remains the same as that Board's relationship with universities which do not have advanced education responsibilities.

The University considers that its policy relating to amalgamation constitutes one of the most desirable arrangements on educational grounds, creating the opportunity for co-operation and consensus in decision-making and maximising the possibilities for rationalisation in teaching programmes and administration.

"Notwithstanding its view that this is an opportunity lost, the University is determined to be constructive in arriving at an alternative mode of amalgamation.

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nonetheless can see that the opportunity to marshall the wider range of resources and expertise will provide a valuable setting for positive action and it looks forward to this. Creative Arts, Paramedical Studies and Social Welfare Studies are likely to be areas where such opportunities will exist. The orientation of the Faculty of Medicine, and the needs of the Hunter Region, would seem to underline the potential for co-operative development particularly in the field of Paramedical Studies.

An appendix to the submission sets out how the Council would wish the Council for the amalgamated University to be composed. The preferred apportionment of membership:

Community interests, 19
Parliamentary and Ministerial 6, Convocation(s) 10, elected by other members of Council 3.
Institutional interests, 14
Officers, the Vice-Chancellor, the Director of the DAR, the Deputy Chairman of Senate 3.
Academic staff, Two Professors and two non-professorial members of the academic staff of the University sector elected by the academic staff of that sector, 4.
Two members of the academic staff of the College sector (one to be from a senior category to be defined) elected by the academic staff of that sector, 2.
Non-Academic staff, Two members of the non-academic staff elected by such staff, 2.

Dear Sir,

We wish to draw the attention of staff and students to a paradox arising from the University Council meeting held on August 20.
The Council approved sending Sir Bede and Lady Callaghan and Professor George and Mrs. George to an International Universities Conference to be held in England. At a time when we are constantly reminded of the need for austerity in University budgeting, this junket (which will cost in the vicinity of £26,000 for air fares alone) was glibly passed through Council.

Are Council members who are responsible for this irresponsible action, aware that this money could be used, for instance, in employing two junior staff members; or used to alleviate the student housing problem; or to purchase more books or equipment for the library? In short there are endless ways which the money could be better spent. Surely this wastage of University funds, makes a mockery of measures proposed by the Positive Initiatives Committee (penny pinching?) as well as the drastic recommendations contained in the Academic Plan? What sort of example is being set by our administrative decision-makers?

We also find it totally reprehensible that our Vice-Chancellor had the unmitigated gall to announce at the Council meeting that he had forwarded registration forms prior to receiving Council's "rubber-stamp".

Students and staff in this University deserve an explanation of the Vice-Chancellor's action. Moreover, is this the type of "re-presentation" we can look forward to in the future from the University Council?

John Cowley - President, APSUN.
Margaret Kavanagh - President, SRC.

Editor's Note:
The Conference in question is the Thirteenth Quinquennial Commonwealth Universities Congress to be held in Birmingham in August, 1983. The University of Newcastle has been represented at the three previous Congresses since autonomy in 1965 (Sydney, 1968, Edinburgh, 1973, and Vancouver, 1978). The registrations were sent after the matter had been considered and supported by the Finance and Personnel Committee of Council.

The Council believes the proposal reflects the view that the size of Council should be kept as small as possible consistent with the provision of input from the range of interests concerned with the University.

Three students of whom one must be a postgraduate student, elected by the students, 3.

Total: 33

The Department of Physics was able to help when the Mattara Committee wanted a number of marbles weighed. A pre-selected stock of marbles is being used by entrants in the Post Mattara Marbles Championship, which will conclude with the finals at Garden City on September 11. Assoc. Professor J.R. Ramsey, of the Department of Physics, used equipment in the department to make a selection of marbles suitable for the competition.

Photo by courtesy of Newcastle Post.
As a result of a lack of resources available to the Department of Architecture and physical limitations with respect to space, Council imposed a quota of 45 on new admissions to the Bachelor of Science (Architecture) degree programme.

Council approved the introduction of a course leading to the degree of Master of Medical Science. It was informed that students coming to the Asian and Pacific Centre for Clinical Epidemiology, established as a result of the Rockefeller Grant, would be included in those who followed the Master's programme.

Council also approved the introduction of a Diploma in Science course, similar to the Diploma in Arts course, which will allow persons who have had the ordinary degree conferred upon them to receive an award should they subsequently satisfactorily complete a fourth or honour's year subject.

After having been informed that the name "Mathematics" can be misleading to students and academic institutions, Council gave its approval for the Department of Mathematics being re-named the Department of Mathematics, Statistics and Computer Science.

The Vice-Chancellor informed the Council that the XIII Commonwealth Universities Congress would take place at the University of Birmingham from August 14 to 19, 1983. It was expected that all Australian universities would be sending delegations to Birmingham, particularly as Australia would be host to the following congress in 1988. The Council decided that the Chancellor and the Vice-Chancellor should represent the University at the Congress. In the past, Professor George said, advantage had been taken of the presence of any staff on study leave in the country concerned to complete the four positions on the delegation.

The Chairman of TUNRA, Mr. Alec Forsythe, on August 20 presented the Vice-Chancellor with a $70,000 contribution towards the cost of the first additional residential block at Edwards Hall.

November is when completion seems likely and the Council has named the block TUNRA HOUSE because of the Company's support. Photo: Col Newell.

Council agreed to a proposal of the Buildings and Grounds Committee that the block of self-serviced units under construction at Edwards Hall be named TUNRA HOUSE in recognition of the Company's initial donation which had facilitated the development of the project.

Council was told that the Planner would take up with the City Council the matter of large direction signs being erected at strategic road junctions to help visitors and other people find the University. The Planner reported that the City Council had recently assigned the House Number 130 to the University's land in Rankin Drive.

Council conferred the title of Emeritus Professor on Eric Parker, who retired recently. Professor Parker spent 25 years in the University and its predecessor, the Newcastle University College, 16 teaching in Architecture and nine as University Planner.

Mindful of the importance of the Academic Plan for the University, which had drawn 26 submissions from individuals and groups, and the restricted time left for other business given the time spent considering the amalgamation issue, Council postponed consideration of the academic plan until its next meeting (October 15) and scheduled the meeting to start an hour earlier than usual so that it should be possible to consider the matter fully.

Following the recent Council elections, it was necessary for the Council to consider appointing members to various Standing Committees. The elections resulted:

Finance and Personnel -

The Chancellor (Chairman), The Vice-Chancellor, The Deputy Chairman of the Senate, Mr. N.E. Edmonds, Professor C.D. Ellyett, Mr. A. Forsythe, Dr. P.I.A. Hendry, Professor G.M. Kellerman, Mr. B.W. Relf, Professor C. C. Remwick and Ms M. Kavanagh.

Buildings and Grounds -

Mr. B.W. Relf (Chairman), the Vice-Chancellor, Mr. T.J. Askie, The Very Rev. R.G. Beal, Mr. A.P. Beard, Mr. P.N. Chopra, Mr. S. Date, Dr. P.I.A. Hendry, Dr. D.R. Huxley and Mrs. E.D. Morrison.

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Visiting French Professor

Professor Guy Pluvinage recently worked with the Department of Mechanical Engineering as a Visiting Professor for two months. He was on leave from the University of Metz, in north-eastern France, where he is Manager of the Fiabilite Mecanique, a research laboratory he established in 1976.

At this University he collaborated with Messrs B. Valaire and J.A. Lewis on research into metal fatigue.

Professor Pluvinage, who also paid brief visits to the Universities of Sydney and Melbourne to see researchers in his field, was accompanied to Australia by his wife, Jocelyne, and his two children, Fabien, 10, and Aurelie, 6.

Located in Lorraine, the city of Metz is close to the West German border and the Maginot Line. The University of Metz has 6,000 students and is just 10 years old. Professor Pluvinage's laboratory, which has eight staff members, 12 foreign postgraduate students and five technicians, is in the Science Faculty and is actively concerned with research into the fracture of wood. As Manager of the laboratory, he has heavy administrative and research loads, the Maitre Assistants and Assistants carrying out most of the teaching.

Professor Pluvinage noted as a similarity between the University of Metz and the University of Newcastle their youthfulness. However, his University is located in the centre of the city. The Pluvinages live outside Metz in Billières-Ménil, a village of no more than 600 people.

A request that accommodation in the new residential block at Edwards Hall be made available to all students rather than those students who reside in Edwards Hall was referred to the Board of Trustees of the Hall for consideration.

In the discussion it was claimed that lack of cheap accommodation was one of the most pressing problems facing students today. Although the new units would alleviate the situation for only 15 students, they heralded the start of the University's commitment to improving student accommodation and as such they should be made available to the whole student population rather than just the present residents of Edwards Hall.

It was also pointed out that the Council had decided that the additional residential accommodation would be part of Edwards Hall, which was helping to meet the financial commitment. The administration would be part of the normal operations at Edwards Hall, which offered accommodation to all students of the University.

HISTORY DAY

More than 300 students from schools all over the Hunter visited the University campus on August 23 to participate in a Modern History Study Day.

Visitors were welcomed by the Vice-Principal, Professor K.R. Dutton, and lectures were given on four of the five options for historical study.

Lecturers were Professor J.P.S. Bach, Professor W.G. McDonald, Dr. D. Andrews, Dr. D. Wright (Newcastle University); Mr. C. Green, Mr. M. Graham (NCAB); Professor K. Bosworth, Dr. J. Wong, Mr. A. Cahill (Sydney University); Dr. S. Shum (University of New South Wales); Dr. J. McCarthy (Duntroon), Mrs. J. Biber (Education Department).

The Study Day was organised by Miss S. Whittington and Mr. K. Leslight of Newcastle History Teachers' Association and Dr. D. Wright of the History Department.
GRADUATES WANTED

Graduates of this University can be assured that Australia will be making use of their knowledge and skills, according to a Guide to Employment Prospects for University Graduates just published in Australia.

The Guide points out that the need for trained personnel has developed because management techniques are becoming increasingly skilled, government legislation in many areas is becoming more complex, manufacturing is undergoing a revolution with the application of new technology and computer use is becoming more complex every day.

Commenting on the Guide, the Vice-Principal, Professor Ken Dutton, said that one of the points made clearly was the need for every graduate to think flexibly and not to assume that his/her particular qualification was solely a preparation for one particular profession.

In the present uncertain economic climate young people could be excused for having a sense of confusion, if not anxiety, when addressing their thoughts to the selection of a career.

Professor Dutton said that in the last decade, or so, graduates had been increasingly adsorbed into employment areas which may be regarded as incidental to their training. For example, a Psychology major may be a successful applicant for a position as a Health Education Officer.

Professor Dutton said that the wanted to lay to rest the myth of graduate unemployment, which seemed to have gained some currency in sections of the Media but was not supported by the statistical evidence which was available.

"The most recent survey published by the Graduate Careers Council of Australia shows that only 8.7 per cent of those who took their first degree in 1980 from an Australian university were seeking employment on April 30, 1981", he said. "This was the situation with six months of graduation and the size of the group would certainly have decreased subsequently. Only 6.6 per cent of Newcastle University graduates were seeking employment on April 30, 1981. "When it comes to finding employment, Newcastle University graduates have over the years achieved a higher-than-average success rate".

A number of graduates entered fields of employment which were related indirectly to the disciplines they had studied and their level of intellect, as demonstrated by success with university studies, was a telling factor.

Some of the points made by the Guide about specific university areas:

- Holders of Arts degrees have the entry requirements for many, and varied, careers and occupations. They are in many instances ideally suited to compete for management and administrative positions in the Australian Public Service.

- Teaching is currently perceived as a very real career goal for many Arts graduates.

- Economics provides the largest number of graduates from a single discipline into the Australian Public Service and the commodity and money markets are advertising more and more for economists.

- Accounting graduates are still well sought after and generally are able to enter positions commensurate with their ability.

- Offerings of Engineering cadetships/traineeships to HSC holders are expected to be considerably reduced in 1983. However, students who commenced Engineering courses during the period 1975 to 1977, when few cadetships were offered, had found that their services were highly sought-after, even before graduation. The present interest in Engineering graduates is mainly from companies operating in remote areas, and some government authorities.

- The demand for good Mathematics teachers is quite strong at present and indications are that it will continue for some years.

- Prospects for Surveying graduates in the last three years have been very good. Demand for new graduates at the end of this year may not be as eager as in the past.

- Science graduates with majors in Chemistry and/or Physics who have an interest in teaching should be assured of employment during the next few years.

- Most positions advertised for Geology graduates require an honours degree. Employment opportunities for Geologists appear to have eased.

- There is strong need in the community for Psychologists and Counsellors and the question is when will governments be able to provide the resources to meet this need? The private sector is using the abilities of Psychology graduates in marketing, personnel and administration to an increasing extent.

Copies have been supplied by the University to high schools in the Hunter Region and further copies are available from the Student Administration Office.

GRANT

Professor A.W. Roberts, of the Department of Mechanical Engineering, has received a grant of $22,741 from the Wheat Industry Research Council for a project entitled, Storage and Conveying of Granular Material.

Co-Supervisors of the project are Messrs J.W. Hayes, M. Ooms and O.J. Scott.

Postponement

Newcastle Film Society has postponed the screening of Ashes and Diamonds (Polish, 1958, Director, Wajda) from September 26 to November 14. There will not be any screening on September 26 because of the Travelling Film Festival at the Civic Theatre.

Please turn lights off when not in use. $ave it. Save Power. Save Money.
The University has joined the Hunter District Water Board in sponsoring the 1982 Mattara Poetry Prize. The purpose is to present prizes for the best entries and publish a commemorative anthology.

Dr. Christopher Pollnitz, Lecturer in English, is the organiser of the competition, which offers a first prize of $500 and other prizes up to a value of $500.

The selection panel consists of well-known Australian poet Bruce Dawe, Professor Harry Heseltine, of RMC, Dunroon, and Dr. Pollnitz.

The organiser said that more than 600 poems were received, which represented a 100 per cent larger entry than last year, and poets from all states of Australia, as well as the United Kingdom, the United States of America, New Zealand, Germany, Ireland and Israel had entered. The very good response from Australian poets, including several recognised practitioners, was a satisfying feature of the prizes.

The anthology would be a 20-odd selection from the entries and would have the title, Lines from The Horizon, taken from one of the poems. Copies would shortly be available from the Department of English.

The winners of the Mattara Poetry Prize will be announced on September 11.

The Mattara Poetry Prize is connected with the Mattara Spring Festival Children's Poetry Competition. This competition for school students is sponsored by the Hunter District Water Board, which is offering prizes of $75 (High School students) and $50 (Primary School students) for the best poems.

GORDON CONFERENCE

Designed for scientists who want to exchange ideas in a relaxed setting, Gordon Research Conferences are held during the Northern Summer at eight schools and colleges in New Hampshire, United States of America.

Assoc. Professor J.A. Ramsey, of the Department of Physics, has returned to the University after attending a Gordon Conference at the Brewster Academy in Wolfeboro, New Hampshire. At Brewster, Professor Ramsey was a participant in the Gordon Conference on Electron Spectroscopy held in July.

Professor Ramsey was invited to the Conference principally because of his contributions to the knowledge of the chemisorption of oxygen on the low index faces of aluminium crystals.

The summer science conferences are the brainchild of a Johns Hopkins University Chemistry Professor, the late Neil Gordon, who was dissatisfied with the standard ways of transmitting scientific information: either through learned journals or at conferences organised strictly for academic or industrial chemists. Gordon wanted to call on scientists to meet in a secluded and relaxed setting that would foster a free give and take.

The first meeting in 1931 was a simple summer seminar open to Hopkins faculty and students, but the concept grew quickly. There are now about 100 Gordon conferences a year attended by more than 12,000 scientists.

After the Conference Professor Ramsey travelled to the University of York, England, for discussions on research co-operation between the Surface Physics Groups at York and Newcastle.

The IRAC supported Professor Ramsey's visit to New Hampshire.

OVERSEAS EXPERIENCE

Mr. Pat Flanagan, who holds a B.A. degree with honours from this University, has left to enrol at Queens University, Kingston, Ontario, in Canada.

Pat will do postgraduate work with Professor Peter Dodwell, who is Professor of Psychology at Queens University, after an extended period with the Department of Psychology as an Honorary Research Fellow.

At Queens, Pat will work on a computer simulated model of the perception of figure in two-dimensional forms.

Since leaving St. Pius X High School, Kotara, Pat became an electrician and, in 1976, a part-time student of the University. In 1978, Pat changed over to full-time and obtained TEAS support.

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Radioistotope Course

The Australian School of Nuclear Technology at Lucas Heights will conduct Radiation Protection Course No. 6 from March 7 until April 1, 1983.

The objective of the course is to provide training for persons who may be appointed radiation safety officers (full-time or part-time) and for those who require a knowledge of radiation protection principles and practices in their work. The course is open to both graduates and non-graduates.

The fee for the course, exclusive of accommodation, subsistence and fares, is $600.

The closing date for receipt of applications is February 2, 1983.

Further information may be obtained from Mrs. G. Durham, Extension 240.

UNISSA

Students from India, Bangladesh, Pakistan and Sri Lanka have formed The University of Newcastle Indian Under-Continental Students' Association.

The following were elected office-bearers:

President, Chandra; Vice-President, Somendra; Secretary, Sundaram and Treasurer, Pota.

The principal aims of the association are to:

• Encourage cultural activities from the Indian Sub-Continental culture to Australian culture;
• Work in harmony with other societies like Overseas Students' Association, APSUN etc.; and
• Help newly-arrived students from the Sub-Continental in their initial accommodation etc., and to familiarise them with Newcastle.

On August 15 a barbecue and social cricket match were held to mark the Independence Day of India and Pakistan. The response from the students was overwhelming.

A variety of activities, including sports and recreation, cultural programmes on radio station 2NUR-FM and social gatherings are planned. Interested students/staff are invited to become members of UNISSA. For further information, please contact Chandra at Extension 796.

Exhibition

The Department of History will sponsor a lecture on the Holtermann Collection.

The lecture employs slides to show photographs of Hill End and Gulgong during the gold rush of the 1870's. Mr. Barry McDougall, who has carried out research into the enormous Holtermann collection of photographs, will give the lecture. He will explain why photography was popular during the 1870's and the influence of the new technologies of goldmining on the "diggers".

In 1872 Bernard Holtermann, a successful miner, commissioned Beaufray Merlin to photograph the entire districts of Hill End and Gulgong.

The lecture will be given in V07 in the Mathematics Building on September 29 at 1 pm.

Symposium speaker

A town planner, a sociologist and an architect from West Germany will discuss their experiences in attempting to solve urban problems on September 10 from 2 pm until 5 pm.

The half-day symposium/workshop on Urban Problems and Attempted Solutions will be held in Room 204 in the Department of Geography.

The Board of Environmental Studies at the University of Newcastle, in association with the Royal Australian Institute of Architects and the Royal Australian Planning Institute, will present the symposium/workshop.

The internationally known experts from West Germany, presently in Australia under the sponsorship of the Goethe Institute, are Professor Gerd Albers, a town planner, Professor Erika Spiegel, a sociologist and Mr. Hans Schmalrecht, an architect.

There will be a workshop discussion relating possible solutions of the West German situation to problems in Newcastle and the Hunter Region.

Anyone interested in attending is asked to contact the Royal Australian Institute of Architects, P.O. Box 777, Newcastle or register at the door.

The workshop fee is $3 (students $1).

Medical Radio Report

Radio Station 2NA, Thursday, September 9, 1 pm or 7.15 pm.

That's the station, the date and the times to hear a radio show on the Medical School at this University. Marjorie Biggins, freelance journalist, prepared and produced the programme for the ABC in recognition of the fact that the University will confer Bachelor of Medicine degrees for the first time at the next Graduation Day.

Teacher Education

The New South Wales Department of Education last year modified its requirements for appointment to primary schools. This should be noted by undergraduates contemplating enrolling in the primary method unit of the Diploma in Education.

Students seeking to qualify as teachers in New South Wales state primary schools would need to include in their degree programme a major in a core secondary teaching subject (viz. English, History, Mathematics, one of the Social Sciences, or a Science) and in addition at least one year's study in either Psychology or Education.

WOMEN WRITERS

Poems, preferably short ones, are needed for a combined poetry/photography book to be published for the Women and Arts Festival in October.

Contributions should be sent as soon as possible to Jean Talbot, C/- The Department of Community Programmes.
**INTERNATIONAL DEVELOPMENT**

AUIDP stands for the Australian Universities’ International Development Program. Its initial concern was for postgraduate staff development in agricultural and population-related fields, primarily in Indonesia but also in Malaysia and Singapore. Short-term training courses, the exchange of staff such as the basic sciences, English language and library organisation.

Local university and governmental priorities have determined the mix of disciplines represented in the program, and overseas requests have led on to programs in related fields (e.g. agricultural economics, food technology, forestry) and in broad fields such as the basic sciences, English language and library organisation. Geographic expansion has seen AUIDP consolidate its work in five ASHAN countries, Papua-New Guinea and the South Pacific, a list which may expand further in the future. As well, new kinds of activities have emerged, including academic consultants, assistance in course planning and evaluation, and staff recruitment and selection. The fellowships program continues to expand.

Through its support of AUIDP, the Australian Development Assistance Bureau (ADAB) has acknowledged the key role that universities in developing countries can play in helping to achieve national goals and priorities.

The first issue of AUIDP Newsletter has been published. The occasional newsletters will provide up-to-date information about AUIDP and its various activities. The first issue discusses staff co-operation and exchange schemes, conferences, fellowships, grants, missions, secondments, training courses, staff changes. Copies of AUIDP Newsletter are available in the Auchmuty Library.

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**Review**

by D.H. Craig

NIDA productions all have one thing in common - they hit the ground running. The latest offering, Arthur Miller's, The Crucible, quite favorably, true to form. Kevin Scully's Reverend Parris is anxious to the point of half-wittedness about an outbreak of what seems to be witchcraft in his household.

The McCarthy anti-communist trials in the 1950's were a witch-hunt; Miller took the metaphor and made a play of it, based on the actual witch-hunt in Salem, Massachusetts, in 1692. The play is still powerful, thanks to Miller's instinct for dramatic confrontations and for ideas and values which ordinary characters in a realistic setting can passionately espouse.

This production certainly went for bold confrontations. The black-suited divines and church-going establishment were contrasted with the loose brown outfits of the independent-minded farmers. In a series of tense scenes, John Proctor (David Whitney) confronted first Abigail, his rejected mistress, then the Reverend Parris and the grasping landowner Thomas Putman, and finally his coldly suspicious wife, Elizabeth, across the stage. Any difficulties with making sure Proctor's heroics in the late stages of the play were properly prepared for in the first half (when Proctor is just one among the many characters affected by the spreading hysteria of the witch-hunt) were solved by David Whitney's very big performance, in awashbacking style.

There was a certain electricity with which Phillips' Abigail, also and an odd sense that we were not seeing a married man and a teenage girl but two young adults - a problem with any student production (however near-professional) where all the actors are about the same age. The two characters marked out by make-up and manner as old people - Goody Nurse and Giles Corey - were a useful relief, especially as the hearty forthrightness of Giles (played by Rupert Burns) was brought in much-needed comedy. The contrast Roslyn Gentle as Goody Nurse offered was a serenity and stillness among the strident voices of Salem.

Other key performances were Philip Dodd as Deputy Governor Danforth — admirably authoritative, if perhaps a little too uniformly cool and sarcastic, and Odile Le Clezio's Mary - Warren, who brought home best of all the girls in the play and their uneasy situation, neither children nor wives, yet given power over life and death by the fever of the witchhunt. Lee James' well-modulated Reverend Hale was also outstanding.

The play is frankly realistic and political, unashamedly melodramatic and disarmingly serious. On Friday night it managed to hold the largely school audience, and to make Proctor's terrible predicament at the end quite gripping, twisted as he is by torture, yet finally refusing to sell his good name for his life and suffering martyrdom along with Goody Nurse.

One of the pleasures of a NIDA production is to try to tip a winner from among the young hopefuls showing their faces. Of this group, David Whitney seems to have made most of the stage vitality and expressive range needed to make a star actor. Another of the pleasures is deciding how much the NIDA class still has to learn - in this case, a certain subtlety and inwardsness, and a certain variation in pacing to go with their abundant energy and assertiveness.  

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**PROTEST**

The Federation of Australian University Staff Association has condemned Federal Government's decision to ban two Soviet scientists from an international conference in Perth.

At its Annual General Meeting in Sydney, the Federation called on the Federal Government "to discontinue its current policy of suppressing the free exchange of knowledge and to declare that visas will automatically be granted to accredited delegates wishing to attend bona fide international conferences."
CONFERENCES

There is a serious breakdown in the communication of research findings to practising engineers. According to Professor Nick Trahair, of the University of Sydney, practising engineers often found research papers too difficult to read and understand and to have little design value.

I would like to challenge all researchers here to examine their own papers through the eyes of a designer and ask themselves, how can I use this in design? And what would make it easier for me to use this in design?

Professor Trahair invited delegates from Australia and overseas who were attending the Eighth Australasian Conference on the Mechanics of Structures and Materials at the University last month to consider how best they might improve the dissemination of research findings to practising engineers.

Discussing the general dissemination of research findings, Professor Trahair said that research work, no matter how excellent, was pointless if its findings were not passed on in some way. "This is not to deny that many research findings are best concentrated only on such papers, or short courses limited to specific topics."

"If we are to rectify this situation, then we need to consider carefully the needs of designers", Professor Trahair said, and the constraints under which they operate.

The recording of research findings and their dissemination to other research workers was well organised, and there were many avenues for communication. However, these methods of dissemination had proved unsatisfactory for the purpose of communicating research findings to practising engineers. The circulation of research reports was usually very limited, and confined to research organisations.

"Research-oriented conferences are largely patronised by researchers and comparatively few practising engineers attend", Professor Trahair said. "Undoubtedly, this is because practising engineers see little potential design value in the research-oriented papers presented, and because they often find such papers difficult to read and understand.

"More promising avenues for research information dissemination are through undergraduate or postgraduate courses. Unfortunately, the material which can be passed on in undergraduate courses is limited, and does not reach engineers already practising. To some extent, this may be remedied by postgraduate courses, either those leading to a higher degree, or short courses limited to specific topics."

"First, we should be aware that a practising engineer will have an understandably mercenary approach to research findings. The first questions he will ask will be, 'Will this produce more effective and economic structures, to the benefit of my client or employer?' and 'Will this make my own task easier?' He will want to see demonstrated the benefits of economy, effectiveness, and ease of use that will follow from the implementation of particular research findings."

"We should recognise, Professor Trahair said, 'the limited time and energy that the designer has for reading of new findings and understanding them. We should concentrate on the essentials of promoting understanding of the findings and how to apply them to design, and eliminate all unnecessary technical details of how research findings were arrived at'.

Summing up, the invited speaker told the Conference on the Mechanics of Structures and Materials that one method of encouraging the writing of research-oriented papers was to organise conferences, which concentrated only on such papers and excluded papers giving new research findings and summarising old ones. "Such conferences would be of interest to both researcher and designer, and would provide a meeting place which would allow designers to react to researchers' proposals, and give them the opportunity to acquaint researchers with the areas where future research would be profitable", he added.

One hundred and forty delegates visited the University recently for the Second Conference on Control Engineering.

The visitors took part in an extensive technical programme and discussed a large number of papers. The conference's main interest was the merging of technology and theory to solve industrial automation problems.

The Control Engineering Conference was organised by the technical committee on Control and Computational Systems of The Institute of Engineers, Australia.

Mr. Francis Shinsky, from the Foxboro Company, Massachusetts, United States of America, an authority on process control energy, opened the conference and delivered the keynote address.

Excerpts from Mr. Shinsky's address will be published in the next NEWS.

Delegates to the Second Conference on Control Engineering: Assoc. Professor G.C. Goodwin (University of Newcastle, Co-Chairman); Dr. D. Clements (University of New South Wales); Professor J. Andersson (University of Melbourne); Mr. W.J. Edwards (Industrial Automation Services, Co-Chairman) and Mr. P.A. O'Kelly (Engineering Consultant, Sydney).
Students from seven other universities were our visitors for the AUSA’s Surfriders’ Inter-Varsity Contest from August 22 to 27.

The host team performed very satisfactorily, trailing behind the winning team, the University of Sydney, by only two points.

Newcastle also finished second in the other main event, the individual competition. Justin Gordon achieved this result for his University.

In an attempt to find the best surfing conditions, officials transferred the venues from Catherine Hill Bay to Newcastle and to Merewether Beaches.

Results: Team Titles

- New South Wales (32) 1
- Newcastle (34) 2
- Macquarie (38) 3
- Sydney (44) 4
- Melbourne (48) 5
- Flinders (57) 6
- Wollongong (74) 7
- Deakin (75) 8

Individual Stand-Up Open Results
- Rodney Kirsop (Sydney) 1
- David Still (New South Wales) 2
- Tim Blackall (New South Wales) 3
- Dean Currotta (Sydney) 4
- Dion Gatty (New South Wales) 5
- Graham Elberton (Newcastle) 6
- Andrew Chapman (Macquarie) 7
- Tim Gilder (Macquarie) 8
- Mark Gordon (Newcastle) 9
- David Cover (Newcastle) 10
- Martin Kirsop (Sydney) 12

Knee-Board, Grand Final Result
- Robert Spaight (Sydney) 1
- George Bannerman (Newcastle) 2
- David Snashall (Sydney) 3
- Craig Maguire (Sydney) 4

SPONSORS’ MAIN PRIZES:
Grace Bros. Travel Prizes.
Individual Stand-Up Event, weekend for two at Four Seasons Hotel, Hobart, Travel by TAA - Rodney Kirsop (Sydney).
Weekend for Two at Travelodge, Sydney - Justin Gordon (Newcastle).

Dinner for Two at Dimitris Restaurant, Sydney - George Bannerman (Newcastle).

Prizes of cash vouchers, a surfboard, a custom-made steamer, leg ropes, jackets, board shorts, vests, board covers and shirts were also presented.

The sponsors of these are Egan Surfboards, of Cooks Hill, Jet Surfboards, of Byron Bay, the Sydney Jean Co., Ruta Lines, of Cardiff, Quality Surf Shop, of The Junction, Trade Winds Surf Shop, of Newcastle, and Ocean and Earth, of Sussex Inlet. Mr. Juicy provided the competitors with soft drinks.

Mobilise existing community goodwill, disseminate information concerning the current financial situation of universities to graduates, governments and the wider community, and further develop community financial support for the work of the universities.

Those who will be keynote speakers at the workshop are:
- Mrs. Jacqueline Rule, Chief Executive, Product Development International Pty. Ltd.
- Mr. Giles Pickford, Executive Officer, Friends of the University of Wollongong
- Alderman Keith Phipps, Chairman, Graduates’ Group within the Friends of the University of Wollongong
- Mr. Hugh McCredie, formerly Deputy Principal, University of Sydney
- Mr. Ted Swinbourne, Executive Officer, The Warren Centre for Advanced Engineering, University of Sydney
- Mr. John Zommers, Senior Consultant, Neilson McCarthy and Partners, Australian and International Public Relations Consultants, and
- Mr. Stewart Besse, President, Australian University Graduate Conference.
Advertisements

FOR SALE

FIVE-BERTH FRANKLIN CARAVAN, 18' x 8', in mint condition. Custom-built, includes awning, electric brakes, stabilisers, mirrors, spare wheel, oven, gas-electric fridge. Save $1,000 on new van. Please telephone 28 1584 after working hours or contact Win Murdoch at Extension 679.

TO LET

Modern Spanish-style three bedroom brick home at Eblebana. This home is fully-furnished, carpeted and wallpapered throughout. Outside area contains garage and barbecue area. This home is situated 300 yards from beautiful Lake Macquarie and in close proximity to shopping facilities. Rent $120 per week, bond $400. All interested persons are requested to please telephone 43 2327.

HOUSE IN THE UNITED KINGDOM:

Dr. David Anche, Staff Tutor in Mathematics at the Open University, informs UNIVERSITY NEWS that his house in Cambridge will be available for letting from December until June 1983. This may interest

GIVE AWAY

HORSE MANURE - Please telephone Extension 282 or 59 4975.

"LORD OF THE RING" ENTHUIASTS

If you are recording this programme on ABC-FM, I would like to hear your tape of episode 15. Please contact Extension 737.

Guest Speaker

Mr. Malcolm MacKerras will be the guest speaker at the Union's annual dinner on September 17 in the Wistaria Room. He is Lecturer in Politics at the Royal Military College, Duntroon.

It will be the Union's Twentieth Annual Dinner. Dress for the evening is semi-formal and the reception will commence at 6.30 pm.

Reservations may be made by telephoning 68 3717, or Extension 442, between 9 am and 5 pm, or by calling at the Bank Agency in the Union. The charge is $15, or $10 for student members.

HEALTH

ARE YOU A COMPULSIVE EATER?

DO YOU GET ANXIOUS AROUND FOOD?

LEARN HOW TO:
• Forget calorie counting
• Forbidden Foods and the Tyranny of the Scales

Being FAT is NOT about lack of self-control or willpower.

Being FAT IS ABOUT:
• Protection
• Sex
• Nurturance
• Strength and
• Assertion

We offer you a way to beat the Compulsive Eating Syndrome.

Preliminary Meeting:

THURSDAY, SEPTEMBER 9.

Time: 1 pm
Where: Counselling Service Theatrette, McMullin Building, (Ground Floor).

Enquiries: University Health Service, or Extension 763.
WEDNESDAY, SEPT. 1 TO SEPT. 15

Sculpture Exhibition in the Union Courtyard. This exhibition will feature work which has been created by Second Year Architecture students.

SUNDAY, SEPTEMBER 5

11 am Live Music Special on 2NUR-FM - Radio Busking Weekend Highlights - folk bands.

8 pm Newcastle Film Society Presents: Idlers of the Fertile Valley (Panayiotopoulos, Greece, 1978).

MONDAY, SEPTEMBER 6

1 pm Anglican Eucharist, Chaplaincy Office, Union Basement.

TUESDAY, SEPTEMBER 7

10 am The Developing Child on 2NUR-FM. This programme deals with the importance of the Peer Group for the High School Pupils.

1 pm Film, The War Game, The Union.

WEDNESDAY, SEPTEMBER 8

Getting the Most from Advertising - One day seminar for retailers. 1.30 pm until 6.30 pm at the University. Persons who are interested in attending are asked to telephone Community Programmes at 685 600.

6.30 pm Professor W.H.G. Arm-ytage (formerly of Sheffield University), will present a lecture entitled: Futures Research and Technological Choice in the Engineering Building, Room ENG 01.

FRIDAY, SEPTEMBER 10

Commencement of programme of short, weekly adult education courses in Personal Psychology, Australian Native Plants, Short Story Writing, Science Fiction, Local History, Australian Bird Life, Myth and Religion, History of War, Industrial Relations, and Normal Philosophy, in association with the WEA. Interested persons are requested to please telephone the Department of Community Programmes at 685 600.

Full-day Symposium/Workshop on Urban Problems and Attempted Solutions: The West German Experience. Room R04 (Geography). Workshop fee: $3.

11 am Professor W.H.G. Arm-ytage will present a lecture entitled: Melting Pot or Salad Bowl: the Role of Schools in the Age of Ethnic Mix Room W308 (Education Department).

8 pm Rick Painton and Alan Windon, in the Bar, The Union.

THURSDAY, SEPTEMBER 11

Noon Professor W.H.G. Arm-ytage will present a lecture entitled: The Australian Influence on English Education since 1918 (Education, Room W243).

Film, Front, The Union.

1 pm Anglican Eucharist (St. Cyprian's Day), Chaplaincy Office, Union Basement.

TUESDAY, SEPTEMBER 14

Full-day seminar on Small Business Wisdom in the Building Industry. 9 am until 5 pm. Building Centre, Broadmeadow.

10 am The Developing Child on 2NUR-FM. Today's topic covers Healthy and Unhealthy Groups.

MONDAY, SEPTEMBER 13

1 pm Anglican Eucharist (St. Cyprian's Day), Chaplaincy Office, Union Basement.

WEDNESDAY, SEPTEMBER 15

Noon German Feature Film: Verbissmeinnicht (English sub-titles). (Arthur Maria Rabenalt, 1958).

THURSDAY, SEPTEMBER 16

Noon Film, Breaking Glass, The Union.

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