LOOKING AHEAD

Some 670 students graduated from the University over the three graduations in the Great Hall on May 3 and 4.

There were large congregations for the graduation ceremony on the Friday evening and the two ceremonies on the Saturday. Moreover, the actual conferring of the degrees upon the students and the addresses delivered by the honoured guests were very warmly applauded.

The standing ovation given to Mrs. Joy Cummings when she was admitted to the Honorary Degree of Master of Arts during the Arts and Medicine graduation was a memorable point of Graduation 1985.

For the reports which the Vice-Chancellor's delivered at the graduations turn to page 4.

Three spokespersons responded on behalf of the new graduates. What they said is printed on page 5.

A photographic record of the happy occasion takes up the two centre pages of this News.

Sir James noted that in conferring the degree upon him the University was also honouring the BHP. He pointed out that Newcastle in the early part of this century owed much to the company that decided to establish what was then the major part of Australia's steel industry here. Even today, when things were very different and the city had many other vehicles of development, it had been estimated that 20 per cent of jobs outside the service sector and 5 per cent of all jobs were still provided by this one company and its immediate manufacturing and service affiliates.

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A fruitful association remained, Sir James said, and would continue, but it was self-evident that neither City nor Company was dependent on the other in 1985 as once it was. "Both, in effect, have not only outgrown their original needs, but wisely recognised this. It was wise because, had either party sought to hang grimly on to the past, the result would surely have been stultifying for one or other and probably both."

The Chairman of Directors of "The Big Australian" suggested that there was a useful message here for young people who were

Twins, Alexandra and Maria Douglas, were among graduates who received B.A. degrees.

Inside: PROF. IRWIN RETIRES
Sir James Balderstone gives the occasional address at the Architecture, Education, Engineering and Mathematics graduation ceremony.

"My hope is that, before the end of this decade, we will see some return towards financial independence by universities and the people who work and study in them. The begging bowl - whether annual or triennial - is not a sound basis for running the affairs of institutions or individuals."

Addressing the graduates, Sir Roderick said most of them had come through a period when gloom was fashionable. "Yet it's not a bad, or hopeless, world into which you are going. It is a world of doing more with less. A world that is more realistic about easy promises than in the past. A world where people are taking a much more sober view of the future."

"Keep trying! Be prepared for change. Be willing to change yourself. Try to keep determined, even in temporary discouragement or defeat. None of us can do better than that."

At the ceremony for Economics and Commerce and Science graduates the occasional address was given by the Chairman and Chief Executive of CRA Ltd., Sir Roderick Carnegie, who also received an Honorary Degree of Doctor of Science. He asked the people present to allow him to add his weight to the tertiary finance controversy who best pays?

"I come from the marketplace," he said. "There, individuals and groups of people earn their independence by successful performance. About our universities, many Australians have a clear impression of a gradual loss of desirable independence and autonomy over two decades.

The Chairman of the CRA drew upon his experience to comment that "if you do keep trying through life's unexpected changes life can be great fun."

Delivering the occasional address in the afternoon, the Director of the Walter and Eliza Hall Institute for Medical Research, Sir Gustav Nossal raised the hope that the medical graduates realised how lucky they were to have been an early part of the experiment that has attracted not only Australia-wide attention but also world-wide attention to the Medical School.

He expressed concern particularly about the sector of the medical profession in Australia which people didn't think about very much - the sector which comprised medical educators, government doctors, public health officials, researchers and teaching hospital staff. Although the group was the central component of the health system, it was always at the tail end of the resource allocation queue.

"This is where you will find whatever small residue of idealism can be found in the medical profession. This is the sector which can give the government advice free from pecuniary interests."

Sir Gustav referred to the experience of representatives of the medical research lobby when they approached the government for "a little bit more money for research." The impression was given that the surgeons in New South Wales, who had to get $2.5 million more because they wanted more pay, had swayed the government to reduce the very small amount of money available in a tough budget by that amount.

"Isn't that a travesty of democracy - the sort of thing you should write to your local MP about?"
Peter Irwin, Associate Professor in Geography, retired on May 6 after 19 years' service to the University.

Professor Irwin has worked closely with Geography students and teachers in high schools. He spent 10 years as a member of both the Geography Syllabus Committee and the Geography Examination Committee of the Board of Senior School Studies, including periods as chairman of each. In this capacity he was required to travel long distances in New South Wales.

The Irwin name is also well-known in the Uniting Church in Newcastle. He made a major contribution to caring for the aged and one of the complexes that have been established for the aged was named Irwin Hall after him.

Peter Irwin was born in Hanbury Street, Mayfield, in 1925. He received his schooling at Mayfield East Public School, and, later, Newcastle Boys' High School. After receiving his teachers' diploma at Sydney Teachers' College in the early 1940s, he commenced his career at a one-teacher school—North Star, near Moree.

When he took up an appointment at Hammondville, near Liverpool, he was able to enrol part-time at the University of Sydney. This was done with great difficulty. He left school at 3.40 pm, caught a train at 4, attended his first lecture at 5 and left the University to go home at 9.30.

He gained a B.A. degree in 1950 and in 1954 completed an external B.Com. degree with the University of Queensland.

His love for geography intensified during this period and he saw an opportunity to learn more about the discipline when he was transferred to Cardiff Primary School in 1954. He enrolled at Newcastle University College in Geography I. Professor Allan Tweedie persuaded him to go on further and he was awarded a Master of Arts degree in 1965.

Whilst on the staff of Newcastle Teachers' College as Lecturer in Geography and Commerce (1959 to 1966) he introduced a course in Asian Studies, which later developed for presentation at Newcastle University.

Peter joined the Department of Geography at this University in April, 1966. The outcome of his keen interest in first year students was the recent introduction of the P.G. Irwin Prize. He has written articles for teachers' journals and helped teachers to assemble a number of teaching kits.

In discharging his responsibilities to the Board of Senior School Studies he has travelled to many country centres to address teachers and senior school students. An example was made 27 separate journeys in 1983.

Whilst a boy he began a long association with Mayfield Methodist Church (now Uniting Church). He was Secretary/Treasurer of the Methodist Homes for the Aged for 10 years, during which the body established Annesley Court, Narla Court, Irwin Hall, Wesley Lodge and other homes. He also worked for the Brown Street, Newcastle, Home for the Aged.

Even with his heavy load he was willing to take part in University affairs. He was a committee member of the Staff Association from 1967 to 1969 and President from 1969 to 1971. For two years he was Secretary of the Staff House Committee.

Professor Irwin and his wife, Elva, will shortly spend six months in the United Kingdom and Europe. He says he wants to satisfy an appetite for the charms of these places whetted by periods of study leave.

Sydney Conference

As part of the celebrations to commemorate 1985 as the centenary of the graduation of the first two women from the University of Sydney, a Women's Studies Conference will be held at the University from Friday, September 20, to Sunday, September 22.

Organisers of the Conference are calling for research papers, of approximately 3 to 4,000 words, on any aspect of women's studies, either within a specific discipline or of an inter-disciplinary nature.

Those interested in submitting papers or in obtaining details about the Conference should contact Barbara Caine (Department of History), Elizabeth Gross (Department of General Philosophy) or Marie de Lepervanche (Department of Anthropology), at the University of Sydney, 2006. Registration forms will be available in July.

Closing date for papers is May 31.
"Gaps in Uni's Disciplines"

Speaking at the three graduations on "issues of importance to the University", the Vice-Chancellor referred to what the next decade could hold in the various Faculty areas.

Professor George found that too many schoolleavers still had to leave Newcastle and study elsewhere, or, worse, fail to go on to tertiary study, because of yawning gaps in the range of educational disciplines which the University could provide.

"In Architecture, a case has been made for a degree in Building to strengthen and widen the work of our existing School, although considerable support from industry will be essential for this venture to be launched.

"Since Architecture is one of our longer-standing disciplines, it is particularly interesting that a fresh look is being taken at the methods of learning, based on experience with our innovative medical curriculum. Such a move could be of potential significance," the Vice-Chancellor said.

"Our colleagues in Education have been at the cutting edge of co-operation with the Newcastle CAE, with shared courses and staff to optimise the use of resources. But more than this, it is in Education that our outreach activities have been most successful. Our student speaker tonight, Mr. Ponchard, comes from Gosford and it would seem more logical for this University to continue to develop its contributions there, than to get carried away with the idea of a University for the Central Coast.

"In the respect of Engineering", Professor George said, "the Commonwealth Tertiary Education Commission has singled us out as a centre for expansion, a plan which would fit in admirably with the excellent consulting work carried out by TUNRA and the proposed Hunter Technology Centre to be built on the University campus. Such a Centre would not solve the Hunter's employment problems overnight, but would accelerate the introduction of new technology and broaden our industrial base. The University, and particularly our staff and students in Engineering, have much to contribute in such a development.

"In Mathematics, we have on board (at last) our foundation Professor of Computing Science. Computing continues to permeate all our academic activities (as it does society at large) and unless all our graduates are computer-literate they leave us with one hand tied behind their backs in any reasonable view of what the future holds for them. With strengths already in Computer Engineering, Newcastle could become a potential centre of excellence in this vital field."

"In Economics and Commerce, we have been experiencing some of the strongest student growth in all the University. Earlier this year the very large Department of Commerce was split into two, with Management gaining its own more clear-cut identity, and we can expect this important discipline to continue to attract students at both graduate and undergraduate levels," the Vice-Chancellor said. "At present the Department of Legal Studies supports not only students needed for their Economics and Commerce degrees but also those of other professional fields such as Medicine, Architecture and Engineering. If the University were to grow at 5 per cent per annum, say, surely by the end of the decade the case for our own Law School would be unassailable. Let us not overlook or minimise the impact on the University of the shortest-to-be-established in Newcastle. Taxation Office with its plan for some 800 staff.

"In Science we are now taking in almost 200 new students a year, spread over the five existing departments. Science, both for its own sake and through its close links with Engineering, is a designated growth area for Newcastle. The Supernova project, launched by the enthusiasm of some University staff, particularly Dr. Tim Roberts of our Biological Sciences Department, but aiming to serve the community at large, looks as though it has found a home at last and will excite the latent interests and talents of the Valley's young of all ages.

"A feature of the second decade has been the strengthening of the research activities of the University and our scientists at large are now winning considerable research grants from outside the University to support their work. The Science departments were amongst the earliest to be established here at Shortland and have outgrown their first buildings. The new $6.5m Science/Engineering building will give urgently needed relief as will the proposed Hunter Technology Centre to which our scientists have much to contribute. This latter centre will not solve the Hunter's employment problems overnight, but will accelerate the introduction of new technology and broaden our industrial base."

"In Arts, a Faculty most severely hit," Professor George said, "with its numbers already halved during our days of recession, there has been a resurgence of enrolments which has given our colleagues in the humanities great heart. A feature of the early part of the third decade will be the large number of professorial appointments to be made. Drama, Geography, Modern Languages and History all expect new professors, an event eagerly sought by Departments which have experienced their Chairs in deep freeze. If the University were to continue to
"My Life was Without Meaning"

Misgiving, regret, appreciation—personal views of the three spokespersons who responded on behalf of the new graduates at the graduations.

In the words of Mr. Greg Ponchard, BA (New England), M.Ed.Stud., who spoke of his misgiving at the evening ceremony on May 3:

"Until three years ago my life was without meaning. I followed such trivial pursuits as fishing, surfing and football. At night, I would suffer advanced atrophy as I fervently masticated my mental chewing gum so generously served up by the box in the corner."

"As I wandered happily along in a microcosm of Bacchanalian pleasure, the evil Serpent of Vocational Guilt suddenly appeared to me—one Friday evening, I think, it was. It said unto me: 'Oh ye of atrophied mind. Go forth to the Ivory Tower of Enormous Wisdom in Newcastle and replenish the font of learned jargon so necessary in Education.'"

"Swiftly it slithered back into the primeval slime from whence it cometh and left me there, pondering its deeply significant utterance. I knew then what I had to do!"

"After being thrown out of BHP as a heretic, I realised that reptilian representative meant the other pillar of Novocas-trian culture. However, the Jesmond Centre was closed, so I stumbled into the Uni."

"The next three years were unlike any other I have experienced. Impending failure arose as a nightmarish and ghastly apparition as I feverishly set about my initial seminars and essays."

"Yet, soon that infamous university malaise began to infiltrate my novice exterior and I began searching feverishly for the magic 'shortcuts' everyone spoke of. With fevered brow and trembling hand I lurched from seminar to lecture desperately seeking enlightenment. I became tantamount to a scavenger, dredging up the crumbs of learning carelessly cast about by those endowed with knowl- edge."

"Then, like the searing flash of a laser beam, the answer came thundering, crashing, storming into my mind. Diligence was the answer. Carefully considered, well-planned hard work was the answer! I had seen the light!

"And so it came to pass that as my vocational guilt dwindled, my new diligence saw the resurrection of an active and inquiring mind, ever-gathering momentum, this surging tide of mixed metaphor, saw me rise to the giddy heights of a Master of Educational Studies."

Mr. Ponchard concluded by offering his thanks to "those responsible for this miraculous achievement."

Ms. Daniela Fink, B.Sc., speaking at the morning ceremony on May 4, focussed on the graduates' immense feeling of satisfaction and achievement.

"But it also leaves me with a sense of regret to know that my academic career, and all that has contributed to my University experience, is finally at an end—regret because University has been an experience that I enjoyed."

"I have enjoyed the learning, the awakening of the mind to new frontiers, ideas and new ways of thinking, and I have enjoyed the whole social atmosphere of the place."

Daniela spoke about the need now to put the knowledge that has been learnt to use in the outside world. "And even if that knowledge is not directly applicable to the position that we find ourselves in—be it in employment, or unemployment—University has taught us research skills, study skills, and thinking skills that should enable us to adjust to that position—or, in the case of unemployment, to change that position by broadening the scope and the plan of attack."

Ms. Margaret Marshall, B.A., drew a parallel at the after-
noon ceremony between the undergraduate experience and the saga of Christopher Columbus. "When he set out, he didn't know quite where he was going. Moreover, when he got there, he didn't know exactly where he was, and when he left, he wasn't entirely certain where he had been. As undergraduates, we have all at some time experienced that sort of uncertainty.

"Of much more lasting significance than the achievement of professional qualifications, and clearly to be remembered, is the rich and positive side of our years here - the lasting friendships we have made, the stimulation provided by fresh ideas, the exhilaration of confronting new intellectual horizons, and actually mastering some of the challenges presented within them."

Ms. Marshall offered the view that it was not so much the content of what the graduates had learnt that would make their future roles constructive as their acquisition of the process of learning itself and, with it, the desire and capacity to keep learning.

She added that Newcastle University had maintained the personal, human face of the community institution that it was. "Here, where the students soon come to be known by name, there is an encouraging learning environment." She thanked parents, spouses, and, in many cases, children, who had had to cope with numerous changes and inconveniences, for their support.

SPORTING NEWS

The election of office-bearers for the Sports Union for 1985 resulted:

**President**, Dr. Bernard F. Curran (Classics).

**Vice-President**, Miss Jenny Hughes (Medicine).

**Treasurer**, Mr. Hugh Floyer (Careers and Student Employment).

**Secretary**, Mr. David Firman (Medicine).

*The University will be competing in the following IV contests during the May vacation:

Athletics (Men) Western Australia; Baseball, Deakin; Cycling (Men) Western Australia; Golf (Men) Macquarie; Hockey (Men and Women) New South Wales; Rugby League, Sydney and Squash (Men and Women) Western Australia.

*Terry Farrell's award, 1984 Sportsman of the Year, was announced at the Blues Dinner on May 3. Above Terry is seen receiving the award from the Executive Director of the Australian Institute of Sport, Dr. John Cheffers.

Terry is currently resident Australian Orienteering Champion and resident Asia/Pacific Orienteering Champion, which competed in Western Australia,

**Member of the University**

Inter-Varsity Orienteering and Cross Country teams.

Member of the Australian training squad which is preparing for the coming World Championships.

Among Terry's accomplishments as a University athlete:

Member of the Australian team which competed in the Asia/Pacific Orienteering Championships in New Zealand.

Reserve runner for New South Wales Cross Country team.
Daniel Lucas, 1984 President of the Students' Association and currently Manager of Student Printing, is the new President of the Board of Management of the Union.

The new President said he wanted to make the students more aware of their rights to have access to the various facilities provided in the Union and to alleviate "congestion and indigestion" by restructuring food services.

Specifically, he wanted to give rebuff to those who made the complaint that, by virtue of outside functions and some space relocations, the Union was no longer a students' union.

"Sure, we feed the students and we entertain them, but not well, and cheaply, enough.

"There has to be a priority commitment by the Union Management to meeting the requirements of students, so that they can feel at home and share in what is going on."

Mr. Lucas noted the space problems presently being faced despite the alterations carried out last year. In order to meet the needs of the increasing student population, growth of the Union was inevitable.

Another wing would have to be provided in an "up", or an "out" direction.

"We do not have the solution to the problem at this point," he said. "However, we are certain that we don't want to see a University Shopping Mall. There has to be a commitment in areas where we have been found lacking, such as food and recreational facilities.

"Immediately, the Board should look at all aspects of the provision of food - the outlets through which students are supplied, the types of food supplied, the nutritional value of the various items and the ways in which food is presented."

Mr. Lucas said that these were perennial concerns. Before his Presidency was concluded, he expected that changes would be made.

Although he recognised the fact that different food items were available, the limited range provided for vegans suggested that there was no real commitment to making sure that all tastes, and what members wanted, were being properly considered.

The new Union President said he was also of the view that greater emphasis should be put on entertainment and activities. "Ms. Merrilyn Hey, the Activities Organiser, who is committed and enthusiastic, has achieved a great deal. She has a good relationship with members of the Union, including the Society for Uniting Nations (SUN). The several talented musicians at Newcastle University could be given an opportunity to play in the Union."

If there were a greater commitment to student affairs in the Union, the students' centre would become a place of pride.

The President of the Union gave the following list of areas which the Board of Management was specifically giving attention to:

- The provision of an undercover area for bicycles.
- The modification of food outlets to create serveries.
- Re-assessment of the types of food and services being provided to reflect possible changes in students' tastes, etc.
- Support for the work of the Society for Uniting Nations (SUN), which has enjoyed overwhelming success this year.
- Promote the 1985 Student Revue and take it on a tour of surrounding schools, colleges, etc.
- Conduct debates and a special Union Dinner to mark the 25th anniversary of the establishment of the Union.
- Achieve greater communications with members of the Union through Union News and University NEWS, and
- Take cognizance of the issues raised at the annual general meeting.
Helen Minnican, who is a Ph.D. student in Indian History at Flinders University of S.A., received her B.A. degree in History with Honours Class I. She was congratulated by Dr. Don Wright and her mother, Mrs. Anne Minnican, of Kotara South.

Two women were awarded B.A. degrees with Honours Class I in Sociology. Honours Class I was a “first ever” event for this discipline, which has been provided for only a comparatively short period. Gloria Webb (left) and Maureen Strazzari, who received a University Medal, posed with their Professor, Professor Michael Carter.

Enayatollah Yazdani, from Iran, after he received his B.E. (Civil Engineering and Surveying) degree. His wife Nalzi and sons, David and Bobby share the enjoyment.
The Roberts family were particularly pleased to see Isikuki (Kooki) Punivalu admitted to a B.E. degree. Dr. Tim Roberts, who has visited Samoa to do research, has assisted Samoan students to study at this University. He and his wife, Adrienne, and their sons, Brin and Mark, are shown with Kooki and a Samoan friend, Tui Aua luta, a Ph.D. student in Chemistry.

Professor Graeme Jameson, of Chemical Engineering, with (left) husband and wife, Warwick Green, B.E., and Corinne Green, B.E. with Hons., Lecturer Dr. Judy Raper, Alice McInerney, B.E. with Hons., and Steven Taylor, B.E. with Hons. Class I. Alice and Steven were supported during their undergraduate study by local industry.
A Family Occasion

Graduation was a family occasion for several members of the University's staff and their children or spouses. Right: Union personality, Gwen Southward, with her daughter, Jane, B.A., the Newcastle Herald's Education Writer. Above: Assistant Bursar, Mr. George Walker, with Francine Walker, B.Com., and Andrew Walker, B.A., winger for University's First Grade Rugby team. Below: The Dears (Richard and Wendy, B.Sc., M.B.A.) and the Lamberts (Frances, B.Sc., M. Psych., and John). Richard and John are attached to the Computing Centre.
Neuroscience Group PhD

It is hoped that the considerable advances made by Mr. Phillip J. Robinson in our knowledge of the molecular mechanism of protein phosphorylation will lead to a better understanding of the action of drugs that act on the brain and may lead to the development of more effective and specific drugs. Mr. Robinson's research is especially relevant for patients suffering from depression, anxiety, psychosis and epilepsy where it is known that the drugs that are effective in alleviating the problem are able to modify neurotransmitter release.

Mr. Robinson recently completed the requirements for the award of Doctor of Philosophy under the supervision of Dr. P.R. Dunkley, Senior Lecturer in Medical Biochemistry. Mr. Robinson's thesis, entitled Synaptosomal Protein Phosphorylation: Mechanism and Function was the first to be completed within the University's Neuroscience Group. Mr. Robinson is currently undertaking postdoctoral studies at the National Institutes of Health in the United States.

One of the most fundamental control mechanisms within our bodies is the ability of cells to communicate with each other via chemical signals, such as neurotransmitters and hormones. These messengers, when released from cells, control all of our essential biological functions. However, we do not know in more than outline how the release mechanisms occur, or what natural control mechanisms exist to modify them.

It is known, however, that the release of neurotransmitters from nerve cells is dependent on calcium, and is accompanied by a reversible modification (phosphorylation) of a number of proteins within the nerve terminal.

The aim of Mr. Robinson's project was to investigate whether a causal relationship exists between the observed modification of proteins by phosphorylation and the release of neurotransmitters.

In order to investigate neurotransmitter release at a molecular level, Mr. Robinson used a model system which mimics, in a test tube, the events normally occurring at a nerve terminal in the brain. After optimising the model system for measurement of protein phosphorylation, Mr. Robinson used the system to provide considerable evidence for a relationship between phosphorylation and release.

As an example certain antipsychotic drugs were found to inhibit protein phosphorylation in proportion to their ability to inhibit neurotransmitter release.

Furthermore, the effect of the drugs on protein phosphorylation could also be observed after delivering the drug in vivo.

Mr. Robinson further found that not all of the observed changes in protein phosphorylation were causally related to release and on the basis of his data he proposed that some of the changes may be related to modulation of release.

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PROFESSOR'S WORK NOTED

Assoc. Professor Colin Keay's research into the sounds made by meteoric fireballs has attracted the attention of one of the world's most renowned magazines, Omni. The April, 1985 issue contains an article which describes the work Professor Keay did on the phenomenon at the National Research Council in Ottawa, Canada.

He says that understanding how fireballs generate sound could open new vistas for scientists studying geophysics, electromagnetism, and astronomy. And perhaps even more important, current work could conceivably help researchers perfect a promising new energy technology known as magnetohydrodynamics, in which hot plasma, like that created by the fireball, generates electromagnetic power.

Professor Keay says the space shuttle offers a golden opportunity for any young researcher with a tape recorder, an amplifier, and a bit of time. "Scientists who know when it will pass can simply lie in wait for its arrival. By getting the whooshes and hisses of the electromagnetic signal on tape, we can learn exactly how this kind of energy is converted to sound. We'd be solving a mystery that's haunted us for two hundred years."
Mrs. Cummings Recognised

Mrs. Joy Cummings receives here Hon. M.A. testamur from the Chancellor, Sir Bede Callaghan.

An honorary Master of Arts to Newcastle's Mrs. Joy Cummings honours the only woman to hold an Australian Lord Mayoralty and the first Lord Mayor to be elected to the Council of the University whilst in office.

At the afternoon graduation on May 4, the Dean of the Faculty of Arts, Professor Godfrey Tanner, presented Mrs. Cummings to the Chancellor, Sir Bede Callaghan, who conferred the degree upon her.

Of Mrs. Cummings contribution to the civic life of Newcastle, Professor Tanner's citation reads: "In an age of widespread subservience to short-sighted Government economies she was outspoken against the foolish policy of degrading our University by the kind of guinea-pig educational experience which has destroyed the tradition of our best secondary schools by doctrinaire mergers here in Newcastle, but not throughout the State.

As Lord Mayor her concern for ecology, for the extension of cultural life and the needs of the disadvantaged, and for the economic fate of our city in the recent recession led her to vigorous measures.

"To her we owe the drive towards preserving Blackbutt Reserve against the depredations of that DMR, which now is poised to destroy our local University environment for their God the motor vehicle's glory in Route 23.

"Zoning reforms and height limits to protect the city and a now partly aborted East End plan where fruits of her dedicated effort in office, as were the reclaiming of the Civic for live theatre, the provision of the Wintergarden for a home for our Hunter Valley Theatre Company, and the refurbishing of our fine City Hall.

"Her enforced retirement through a debilitating illness is a grievous loss to our civic life. But it is a pleasure still in our power to signal the respect of the region at this academic ceremony. In Aeschylus' words, Mr. Chancellor, I salute our candidate in the terms in which the Chorus hail Queen Clytemnestra in the Agamemnon. 'Lady, you excel a wise man in your enlightened policies.'

Volunteers Sought

A Field Officer from Australian Volunteers Abroad will be at the University on Thursday, May 30.

Between Noon and 1 pm in Lecture Theatre V01, the Field Officer will give an account of the life and work of an AVA Representative.

During the afternoon she will be available to talk individually with students who have questions on the AVA programme. Interested students are invited to make an appointment to talk with the Field Officer. Contact should be made with the Careers and Student Employment Office in Room T25.

The Overseas Service Bureau was established in 1961 "to encourage Australians to serve in the developing societies of Africa, Asia and the Pacific". The volunteer goes, by invitation, to the host country to share his/her skills and knowledge with the local people, and to learn from the new living and working experiences.
AUSTRALIAN STUDIES

Humphrey McQueen, well-known writer and critic and a member of the Committee established by the Minister for Education, Senator Ryan, to review Australian studies in tertiary education, visited the University recently.

He met representatives of all Faculties to discuss the aims of the Committee.

The Australian Studies Project is part of the national programme developed by the Australian Bicentennial Authority to mark the Bicentenary of 1988.

It was formulated in response to a widely expressed public concern that there should be more emphasis on Australian studies in education institutions, a more coherent approach to teaching students about their culture and society.

The project is to have two separate but related components, one dealing with secondary education and the other with tertiary education. The latter has now set up operations as the Committee to review Australian studies in tertiary education. The members of the Committee are Dr. Kay Daniels (Chair), Assoc. Professor Bruce Bennett and Mr. McQueen.

The Committee will concentrate on the development of Australian subject matter within disciplines and on ways of promoting a better understanding of Australian society by all tertiary students. It will consult widely with academics and researchers across the tertiary spectrum, including those in science, technology and Aboriginal studies, and with interested persons and professional associations.

The Committee will pay attention to:

- the place of Australian studies as a discipline (in courses entitled "Australian Studies"); within general course areas (e.g. literature, history, geography); within fields of study which combine a number of course areas (e.g. Aboriginal studies, women's studies, multicultural studies); and as areas of research.

- it will particularly be concerned with the role of Australian studies in science and technology and in professional and technical training.

- the needs of institutions providing courses in teacher education, and

- the role of tertiary education institutions in developing and promoting an understanding in the general community of Australian society, history, culture and the built and natural environments is of paramount concern.

The Committee invites submissions from all individuals and organisations interested in matters covered by the above terms of reference. Submissions should be mailed by May 29 to the following address:

Executive Officer, Committee to review Australian Studies in Tertiary Education, First Floor, Scala House, 11 Torrens Street, Braddon, ACT, 2601. (Telephone: 062 57-1244)

Humphrey McQueen emphasised that submissions could take the form of a brief letter, copies of articles or any other relevant material.

A Bulletin explaining further the aims of the committee may be obtained from Margaret Henry, C/- Department of History.
Beware of Thieves

Security is a prime concern at present because of the theft of two cars and an attempted theft of another car.

Just prior to the NEMS going to bed an attempt to steal a car during the afternoon was seen by a student, who gave a report to the Patrol Staff.

The thieves were disturbed. A cassette recorder was removed from the car and the steering lock was broken before the thieves disappeared in a car.

The University has also recently experienced a number of minor thefts within buildings on the campus.

Staff and students should not leave valuable items of equipment in places within University buildings where they can be easily removed by unauthorised persons.

A spokesman for the Patrol Staff says that some people who come to the University act in a very negligent fashion. They don’t worry about locking their cars, and some don’t even close car windows.

The spokesman said there was also cause for people to lock their offices.

Travelling overseas or around Australia?
No?

Well, either way the ISIC (International Student Identity Card) is worth having.

It lists over 2000 outlets around Australia that accept the ISIC for a student discount. One is near you.

Get your card to get your discount.

See your student union or an STA office for more details.

The ISIC is only available to full-time students, at a cost of $5 & requires a passport sized photograph.

Ali Marmulla and Senior Lecturer, Mr. John McLennan. Ali, who graduated with a B.E. degree with Honours Class I in Metallurgy, displays the Ernest Guy Smith Memorial Medal awarded for his performance.
National Student Discount Scheme

The National Student Discount Scheme continues to expand the network of retail and other outlets that offer discounts to students. Cinemas, sporting venues, clothing stores, zoos, domestic transport companies, hotels, stationers and art shops are just a few of the many types of places where students can get discounts.

The NSDS is based on two well-known cards.

The International Student Identity Card is widely recognised around the world. It is available to full-time students only and costs $5.

The Australian Student Identity Card is also well-established in Australia, particularly among part-time and external students who do not qualify for an ISIC and costs $3.

Purchasers of both cards receive a free, 80-page NSDS Directory, with details of the thousands of discounts available and an International Student Travel Guide is given away with each ISIC.

Students wishing to purchase these cards can do so at the SRC Office.

Mr. Warren Kimble, Chairman of the Board of the University Cooperative Bookshop Limited has announced that the increased shareholder's discount of 10 per cent, announced in October, 1984 is to continue.

The discount applies to purchases for cash or cheque on virtually all books sold by the Co-op throughout its 20 branches on campuses in New South Wales, ACT, Queensland and Victoria. Bankcard, Mastercard and Visa purchases and Mail Order transactions continue to attract 5 per cent shareholder discount.

ESL Classes

All students for whom English is a second language are welcome to attend English As a Second Language classes which will be held in the Language Laboratory at the following times:

- Wednesdays, 1 pm to 2 pm, Listening and Speaking Skills.
- Thursdays, 1 pm to 2 pm, Writing Skills.

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ESL students are also invited to go for assistance with English Language problems to the Language Laboratory where a wide range of audio and video programmes are available for private study.

The Language Laboratory facilities are available to all students and members of staff for study of foreign languages and of English as a Second Language.

Mathematics Graduates Are Highly Employable

Mathematics

The Australian Mathematical Society has prepared and distributed a new brochure, Mathematics Graduates are Highly Employable. It is designed to make students, their parents and their teachers, as well as the general public, aware of the importance and advantages of an education in Mathematics.

The brochure discusses some of the key advantages of a mathematics education. It explains how and why the computer revolution will generate more, rather than less, jobs for mathematically trained people. Facts and figures (from the Graduate Careers Council of Australia) on the percentage of unemployed graduates in various disciplines are included, as well as a list of some of the organisations which employ mathematicians, together with details about what mathematics graduates do.

Further information about the brochure can be obtained from several members of the AMS, including Emeritus Professor Reyn Keats, C/- the Faculty of Mathematics at this University.
Council Changes Seminar

A special meeting of the Council of the University of New South Wales was held on April 30 to discuss the changes to the composition of the University of New South Wales Council, which were passed by the Legislative Council on April 24.

(The amendments to the University of New South Wales Act provide for a Council of 29 members, compared with the present 44 members, and for changes to some categories of elected members and ministerial appointments.)

The Council resolved as follows:

- Council deplores the lack of consultation and of the opportunity for public discussion concerning the amendments to the University of New South Wales Act.
- Council requests the Minister for Education to reconsider these amendments and to defer implementation of the amended Act, allowing for that purpose full consultation and public discussion.
- Council also requests that, in the case of amendments to other universities' acts, the Minister allow an appropriate time for public discussion.

The Department of Mathematics, Statistics & Computer Science will be giving a seminar entitled The Sommerfeld Ansatz, A Generalisation of the Bethe Ansatz by Dr. James McGuire of the Physics Department, Florida Atlantic University. The seminar will be held in Room V107 at Noon.

Journalism

Mr. Denis Butler, Editor of the Newcastle Herald, has entitled the talk he will give to members of the Hunter Valley Branch of the Federation of University Women Journalism and Journals to as The Sommerfeld Ansatz, A Generalisation of the Bethe Ansatz by Dr. James McGuire of the Physics Department, Florida Atlantic University. The seminar will be held in Room V107 at Noon.

Advertisements

For Sale

House situated in Rankin Park. Features include: tri-level with cathedral ceilings, natural bush and panoramic views, three bedrooms, family room, ensuite, study, lounge with open fireplace opening onto screened portico, dining area, large kitchen, laundry, ample storage space and double carport. This is a very pleasant home and will appeal to those trying to avoid standard suburban designs. Asking price: $89,000 or near offer. All interested persons are requested to telephone 52 8627 or Extension 457.

One Queen-size Pine Water Bed (includes bedhead, heater and repair kit), $280 or near offer. One 4' fish tank (includes all accessories plus gold fish and power filter), $150 or near offer. All interested persons are requested to telephone Extension 391.

Antique Dexter Rocking Chair, $150 or near offer. All interested persons are invited for inspection at 35 McNaughton Avenue, Birmingham Gardens (Mr. J. Prince).

1977 Datsun 240K in very good condition. Features include: Registration until December, 1985, five speeds, air-conditioning and tow bar. Asking price: $2,200 or near offer. All interested persons are requested to telephone 59 6609.

One Radial Tyre in good condition. Goodyear Custom 6800 Rib Polyester 4 ply, 165 SR13, Tubeless, $20. All interested persons are requested to telephone E. Turnbull at Extension 763.

Lost

Pair of expensive prescription sunglasses (brown frames) in the Auchmuty Library. If you are able to assist please telephone Extension 363.

Wanted to Share

Large house in attractive bushland setting (10 minutes from University by car). Spacious bedroom and own living room. All interested persons are requested to telephone 57 3696 after 5 pm.

Accommodation Wanted

Visiting professor seeks comfortable furnished home for the period May 30 until end of August. Three/four bedrooms, telephone, heating, washing machine and dryer and other basic amenities, dishwasher desirable. Prepared to pay substantial rental. If you are able to assist please telephone Extension 727.