GRADUATION 1985

Graduation Day, that cyclic occasion so memorable for graduands, is to be held on May 3 and 4.

At an evening ceremony on May 3 and two ceremonies on May 4, degrees will be conferred upon approximately 650 graduands in eight faculties.

At the evening graduation ceremony, beginning at 5.30 pm, degrees will be conferred upon graduands in the Faculties of Architecture, Education, Engineering and Mathematics.

The second ceremony, when degrees will be conferred in the Faculties of Economics & Commerce and Science, will commence at 10 am on May 4.

The final ceremony, for graduands in the Faculties of Arts and Medicine, will be held at 2.30 pm.

The Chancellor, Sir Bede Gallagahan, CBE, will admit graduands to their degrees after they have been presented to him by the Deans of the respective faculties.

Graduation Day 1985 will bring four honoured guests to the University, as well as several hundred parents, relations and friends of graduands.

The occasion will be enhanced by outdoor performances by the Toronto Brass Band and the Graduation Dinner Dance in the Union on the night of May 4.

The Chairman of Directors of the BHP and its Australian subsidiaries, Sir James Balderstone, the Chairman and Managing Director of CRA Limited, Sir Roderick Carnegie, the Director of The Walter and Eliza Hall Institute of Medical Research, Sir Gustav Nossal, and a former Lord Mayor of Newcastle and a former member of the Council of the University, Mrs. Joy Cummings, will be admitted to Honorary Degrees.

Sir James will give the Occasional Address at the evening graduation ceremony on May 3.

At the morning ceremony on May 4, Sir Roderick will deliver the Occasional Address.

Mrs. Cummings and Sir Gustav will be awarded their Honorary Degrees at the afternoon ceremony and Sir Gustav will deliver the Occasional Address.

Sir James Balderstone, the first of the distinguished visitors to the University on Graduation Day, has been a Director of the BHP Co. Ltd. since 1971. He was Foundation Chairman of the Australian Meat Exporters' Federal Council and is Chairman of the Stranbroke Pastoral Company. He is a Director of several companies, including the Westpac Banking Corporation, and has been a Director of Woodside Petroleum and ICI Australia.

Sir Roderick Carnegie holds a B.Sc. degree from the University of Melbourne, an M.A. from Oxford University and an M.B.A. from Harvard University. He is a Director of Comalco Limited and The Myer Emporium Limited and a member of the General Motors Australian Advisory Council. He has been Chairman of CRA Limited for the last 11 years.

Inside: NEW CONVOCATION SCHOLAR
Sir Gustav Nossal holds a number of distinguished posts in medical and public spheres. He has been Professor of Medical Biology at the University of Melbourne since 1965, a member of the Australian Science and Technology Council since 1975 and a Director of Conzinc Riotinto of Aust., Ltd., since 1977. He is an honorary member of both the American Academy of Arts and Sciences and the American Association of Immunologists. His research publications in the field of immunity number more than 280.

Mrs. Joy Cummings was a successful candidate in a Newcastle City Council election in 1968 and, for the next six years, was the only female Alderman. She held the position of Lord Mayor of Newcastle for nine years until her retirement in August, 1984. An active member of the ALP for many years, she was invested with the Order of Australia by the Queen in 1975. She was a member of the Council of the University from 1978 to 1980.

Academic dress meeting the regulations of the University of Newcastle is available for hire in the Union.

The next Vice-Chancellor of the University of Western Australia is Professor Robert H.T. Smith, currently Vice-President, Academic, of the University of British Columbia. Aged 49, he went to school in Tamworth and took first class honours in geography at the University of New England.

Professor Smith is expected to take up his new position at the end of the year, when Professor Robert Street is due to retire as Vice-Chancellor of the University.

Monash University has placed advertisements in newspapers inviting applications from possible successors to Professor R.L. Martin, the Vice-Chancellor.

Macquarie University Council has appointed a committee to commence a search for a new Vice-Chancellor to replace Professor Edwin C. Webb, who will cease duties as Vice-Chancellor in about October, 1986.

The Council of this University is expected to consider a report from the Chancellor, Sir Bede Callaghan, CBE, on the appointment of a successor to Professor D.W. George at its meeting on April 19. The Vice-Chancellor intends to retire at the end of 1986 when his current appointment expires.

The Union will also be arranging for graduates to have their testamours framed immediately following the graduation ceremonies, and a photographer will be available.

Standing Committee of Convocation, which is making the arrangements for the Graduation Dinner Dance, will sell glass and porcelain commemorative plates, wall plaques and postcards to graduates as mementoes of the University. Copies of the publication, Academic Dress, a guide to the origins and history of academic dress, will also be available.

Search on for V-Cs

The University of Western Australia has selected a new Vice-Chancellor.

Concurrently, Macquarie University, Monash University and this University have made their first moves towards finding successors to their Vice-Chancellors.

The next Vice-Chancellor of the University of Western Australia is Professor Robert H.T. Smith, currently Vice-President, Academic, of the University of British Columbia. Aged 49, he went to school in Tamworth and took first class honours in geography at the University of New England.

Professor Smith is expected to take up his new position at the end of the year, when Professor Robert Street is due to retire as Vice-Chancellor of the University.

ASTHMA

Professor Tony Milner, a world authority on asthma, will deliver the first Bill Bute Memorial Lecture at the University on April 26 at 8 pm.

The lecture, on the topic A Commonsense Approach to Child­hood Asthma, will be held in the Main Lecture Theatre of the David Maddison Building, Royal Newcastle Hospital.

The visit is being sponsored by the Community Medicine and Paediatrics sections of the Faculty of Medicine and the Department of Community Programmes.

The annual Bill Bute lecture has been established to honour the memory of Dr. Bill Bute whose tragic death in a rail accident robbed the Hunter Region of a tireless worker and leading thinker in the field of child-health.

Tony Milner is Professor of Paediatric Respiratory Medicine at the University of Nottingham, United Kingdom. He has published extensively, both at a professional and scholarly level and for the enlightenment of the lay public.

He has come to Australia to be Visiting Lecturer at the Annual Scientific Meeting of the Australian College of Paediatricians in Hobart.

First Settlement

Emeritus Professor A.G.L. Shaw, one of Australia's most distinguished historians will give a lecture on The Decision to Establish a British Colony at Botany Bay in Lecture Theatre V07 on May 3 at 2 pm.

Professor Shaw, external examiner to the Department of History for many years, has published widely in the field of Australian History since 1944. He was Professor of History at Monash University from 1964 until 1981.
SURVEY HAS URGENCY

The new Convocation Visiting Scholar's principal assignment will be the completion of a survey of the flora of Port Stephens and the Myall Lakes.

Mr. Don McNair, a self-taught botanist who has spent many years painstakingly documenting aspects of the Australian flora, regrets that residential growth is having a disastrous effect on the sand dune flora of the Tomaree Peninsula.

"Suburbia has spread quickly and, without proper planning controls, we now have ecological problems due to clearing, pollution, bush fires and poor drainage."

He says specimens are also disappearing because of recent road construction at Salamander Bay and vandalism. "I want to finish my survey before many more rare plants are removed and before people pull out the pegs that I use."

The Vice-Chancellor, Professor D. George, has told Standing Committee of Convocation that he supports the Visiting Scholar Scheme. Professor George and Convocation approached the Acting Head of the Department of Biological Sciences, Assoc. Professor R. Jones, who has agreed to provide Mr. McNair with an office for the period of his residency at the University.

The Visiting Scholar is making use of the material in the Auchmuty Library, as well as campus laboratory facilities, to pursue further his interest in the flora of Port Stephens and the Myall Lakes.

In particular he is directing his efforts to the completion of what he calls his "check list of specimens." The lists comprise more than 400 specimens taken from Tomaree Peninsula and about 300 from the Myall Lakes. Mr. McNair identified some of the latter in bushland near the Les Gibbs Field Station at Boolambayte Creek.

He has supplemented his "check lists" with information on geology, evaluations of soils and the effect of bush fires, profile drawings of vegetation and a report on the flowering cycle of Christmas bells.

Mr. McNair is a retired automotive electrician who lives in Ingall Street, Mayfield East. In his period as botanist he has built-up a very large herbarium of pressed and labelled plants and has contributed material to the National Herbarium in the Royal Botanic Gardens in Sydney.

He is a Life Member, and former President, of Newcastle Branch of the Society for Growing Australian plants. His advice is constantly sought by people who are interested in Australian flora - so constantly, he says, that if his "phone stops ringing he knows it mustn't be working."

Mr. Kevin McDonald, Senior Lecturer in Biological and Environmental Science at Newcastle CAE, says: "It has been a matter of regret that Don has always had to undertake his work in his spare time. Now, in retirement, he is 'working full-time' on his life's love - the Australian flora."

Dr. John Turner, Senior Lecturer in Community Programmes, says Mr. McNair is an outstanding teacher of botany and, during the lifetime of the Department of Community Programmes, he has been active in evening class programmes and in week-end and residential schools. "Having worked beside Don on four Safari Study Tours of Central Australia and 10 summer schools, I can testify to his outstanding qualities as a teacher and scholar."

Mr. McNair is the University's fourth Convocation Visiting Scholar.

He is pictured (at right) with the Vice-Chancellor and Professor Jones.
Archdeacon Beal first entered the portals of the University as a mature student. At the time he was the Dean of Newcastle.

"Little did I know what a rich experience it was going to be," he said on March 29.

Accepting the 1984 Newton-John Award from Convocation at a dinner in the Union he said that the first tutorial was more terrifying than the first flutter from the pulpit.

"It was my task, I remember, to explain the meaning of Oikos and, with a mouth feeling like a limestone cave, I launched forth with the hope that no one would recognise the Dean of Newcastle.

"During those four years, I can only speak with the utmost praise for my fellow undergraduates, both mature and immature, together with the encouragement and warmth that I received from members of the staff.

"When the day dawned for graduation, who would have wished for more than Professor Godfrey Tanner, as the Dean of Arts, presenting the graduands with his usual aplomb, and it was a case of one Dean presenting another."

The Newton-John Award, presented by the Warden of Convocation, Father James Bromley, was given to Archdeacon Beal in recognition of the leading role he played in the completion of work on Christ Church Cathedral.

Referring to his period as an undergraduate, he said that during those few years the Cathedral Appeal had been launched and the completion and restoration of the building had begun. "When the day dawned for the completed Cathedral to be dedicated, it was seen in its full architectural glory. Newcastle had gained a crown.

"I have always been a romantic at heart, I suppose. Buildings such as the Cathedral give opportunity for us to celebrate in various ways around the mysteries of human life and we need at times to express our ability to be able, at one and the same time, to laugh, worship, fear, be fascinated, to be curious, repulsed, even to love and hate."

He went on: "Suffice to say, the world of the arts will always succeed in capturing the need for us to live for a time in fantasy. It is essential for our well-being when the mind is prepared to accept the unimagined and incredible and enter a world where different laws apply, to be relieved of all the weights that bear it down, to be free, kinglly unfettered and divine."

He concluded by expressing the hope that the University would continue to flourish in the years that lie ahead. "Together with those who have received this award in the past and in the future, thank you for your encouragement," he said.

Archdeacon Beal is currently Archdeacon of Albury.
Memorial Award

The 1985 Neal J. Dickinson Memorial Award has been made to Miss Karen Chesworth, a student enrolled in the B.Com. degree course.

The Award is made to perpetuate the memory of the late Neal J. Dickinson, who held a position of Senior Lecturer in the Department of Economics until his death in 1981.

The award is based on results obtained in the Higher School Certificate examination which Karen completed whilst a student at Dungog High School, and forms part of a memorial, which includes a painting by Hunter Valley artist Mr. Max Watters. This painting is located in the Faculty building.

Karen lives with her parents on their dairy farm at Dungog. She has a younger brother and sister who are currently attending Dungog High School. Her interests include social tennis and basketball and, not unexpectedly, horse riding. Karen is employed as a trainee accountant by the motor retailing company, Young and Green Pty. Ltd.

An additional award has been made in accordance with the terms of the Award to the 1984 recipient Miss Meredith Gae Brown.

The awards were made by the Dean of the Faculty of Economics & Commerce, Professor I.G. Sharpe, at a presentation in the Faculty building. A number of members of the Faculty attended the function at which morning tea was served.
**Benefit of Team Work**

I hope chaplains and students can work as one to add a new perspective to the whole university experience", Sr. Mary Goldsworthy said.

Sister Mary feels she must have been destined to live in the Lower Hunter. Born in Junee, she entered the Sisters of Mercy Convent in Singleton in 1965 with the intention of going to Papua New Guinea as a missionary. However, she turned to school teaching and was attached successively to St. Aloysius' School, Hamilton, and St. Catherine's, Singleton.

She was a secondary school teacher whilst concurrently undertaking her academic studies. She took a Diploma in Theology at Mater Del, Sydney, worked at Canberra CAE for a B.Ed. with a major in Sociology, and received a Master of Pastoral Studies from Loyola University, Chicago. Her Master's was the outcome of having won a Rotary International Scholarship following selection by Singleton Rotary Club.

"I went to Loyola in 1983 because I needed to sharpen my perceptions as far as working with young people was concerned and to achieve greater professionalism. I learnt a great deal, including counselling skills, how to relate faith to adult learning, and strategies of religious education."

Professor K.R. Dutton, Director of Affirmative Action, has reminded staff that once Management Plan strategies have been adopted by Council, they will affect the working lives of all staff.

"It is vital for staff to take this opportunity of commenting on the draft strategies", Professor Dutton said. "Only in this way can the Management Plan truly reflect staff views on how conditions of employment can be made more equitable and hidden forms of discrimination be eliminated."

Copies of the Strategies document are available from the EEO Liaison Officer in each department. Staff are requested to make any comment within the next week if possible.

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**Part-Time Academics**

Members of the part-time academic staff are invited to join the University Staff Association at an annual subscription rate of $12. Application forms may be obtained by contacting Mr. P. Chopra, Honorary Secretary, at Extension 641 or L. Turner at Extension 610.
Mr. Cameron Archer, Acting Deputy Principal of the C.B. Alexander Agricultural College, Tocal, Paterson, will graduate with a degree of Master of Education in May. Mr. Archer's research was a study in curriculum development for practical skills training in agricultural education. His research was based on ways in which the practical skills training curriculum at Tocal could be improved.

The College trains young men and women for careers in farming, and practical skills is a major component of the curriculum. The research led to a study of farmer training systems from various parts of the world, as well as a survey of farmers, students, ex-students and Tocal staff.

The survey sought respondents' views on the levels of training that Tocal should provide in a nominated list of skills. This revealed an interesting educational situation whereby the students sought training to high levels of competence, whereas the farmers' views indicated they were less concerned with high levels of competence. Further interpretation showed that farmers were interested in skills training, but as well, they considered students' attitudes to be important. The result came from analysis of the farmers' comments at the end of the survey. In other words, farmers think Tocal should be training personnel to satisfactory levels of competence in skills who also exhibit favourable attitudes. Subsequent research by the College has confirmed this result.

The study made it clear that the emphasis given to practical training at Tocal is correct. It also gave some answers to specific areas of the curriculum that were in question. This included support from farmers for a generalised broad curriculum, especially in its early stages, rather than one which specialises from its commencement. This means that it is virtually impossible to stream students into particular groups according to their interest or proposed vocation. Students' interests are mixed while they are at the College and their proposed career paths are usually unclear. So to prepare them for a career in agriculture the curriculum must be broad and diverse. This result, therefore, did not give any leads to making more efficient use of staff and student time via streaming.

The study of other curricula provided useful ways in which the C.B. Alexander Agricultural College's curriculum could develop. This included the development of self-directed learning approaches similar to those in use at Hawkesbury Agricultural College. In addition, the use of on-farm training and assessment of skills was seen as a useful approach in agricultural education. Schemes like this operate in England and Canada. Perhaps the most important aspect of agricultural education to arise from the study was the need to remain in close contact with the farming community. The Competency Appraisal Profile System was suggested as a valuable approach in developing the curriculum using community resources.

The C.A.P. System is similar to the DACUM technique which was subsequently used by a consultant hired by the College to assist in the revision of its courses. The study by Mr. Archer gave direction for this College research by delineating the major areas of employment of Tocal graduates. This allowed the consultancy to immediately survey farmers in the appropriate areas using a technique which was already familiar to the College.

Mr. Archer's research and other recent detailed research by the College has resulted in a revised curriculum being implemented for the Tocal Certificate in Agriculture students in 1985. Practical skills training has remained a major component along with the use of problem-based learning techniques for the general part of the academic programme.
A class of instruction in Tai-Chi now operates on Wednesdays from 1 pm until 2 pm in Room VIII of the Mathematics Building. This arrangement provides the opportunity for all age groups to perform the gentle exercises which form the basis of Tai-Chi. Come along and join the merry throng - you won't regret it.

The Sports Union's annual general meeting will be held in the Godfrey Tanner Room in the Union on Monday, April 29 at Noon. All financial Sports Union members are invited to attend.

In August student athletes will meet in Kobe in Japan for Summer Universiade (the World Student Olympics).

The multi-sports event is organised by the International University Sports Federation.

The Universiade will involve 3,000 athletes competing in 10 sporting events, including track and field, basketball, fencing, gymnastics, swimming, diving, water polo, tennis, volleyball and judo.

At the 1983 Universiade (in Edmonton, Canada), the Australian team of 40 competitors and 14 officials was the largest ever.

Australia had representatives in athletics, swimming, diving and gymnastics and, for the first time, fielded teams in men's basketball and water-polo.

The results achieved by the team were particularly commendable, Susie Woodhouse won gold medals in the 100m and 200m Butterfly events, Michelle Ford won a bronze medal in the 200m butterfly and Peter Evans won a bronze medal in the 100m breaststroke. The swimmers reached the finals in almost all events contested. So did the athletes, with a notable performance by Jamie Middleton who achieved a P.B. of 7123 points in the decathlon. The basketball team was one of the successes of the Universiade, finishing eighth after being seeded 20th.

Weightlifter, Greg Hayman, who is currently the Australian 52 kg Champion, is training in the Sports Centre for the British Commonwealth Championships to be held in Western Samoa in May/June. The Australian team comprises five lifters.

Thereafter, Greg will shift his training base to the Australian Institute of Sport, Canberra, to ensure he is at his peak for the trial competitions for the World Weightlifting Championships in Sweden and the next Commonwealth Games in Scotland.

Greg, who is 27, is an instructor for the Newcastle Amateur Weightlifting Association. He says he has been inspired by the well-equipped Weight Training Room in the Auchmuty Sports Centre. He also acts as Coach of the University Weightlifting Team.

Also training in the Centre is Brett Austin, World Double Mini Trampoline Champion. Brett is currently training for the Trans Tasman Championships to be held in Australia next year. He also hopes to be picked to represent Australia at the World Trampoline Championships in France next year.

Our photograph shows Greg Hayman working out at the Auchmuty Sports Centre.
Hunter Orchestra Appeal

Members of staff and students of the University are being invited to become financial backers of the new Hunter Orchestra.

The Hunter Orchestra embodies 41 young musicians who recently graduated from conservatoriums around Australia - more than a third from the Hunter Region.

Ulric Burstein, founder of the Newcastle Conservatorium Orchestra and presently Musical Director of the Newcastle City Choir, is the Orchestra's Musical Director.

When the News went to press, the Hunter Orchestra had almost completed its inaugural two-week concert season (two public and two school performances and a performance in Muswellbrook).

The Chairman of the Board of Directors of the Hunter Orchestra Ltd., Professor David Frost, said the case for an orchestra in this region was undeniable.

"It will serve a population of more than half-a-million people, very few of whom can realistically be expected to go to Sydney for their concerts, their ballet, opera or musicals."

"There is work throughout the region for a locally-based orchestra: symphony concerts, promenade concerts in the holiday season, schools concerts, works concerts in the vineyards, accompaniment for our excellent choral societies, for the ballet schools, the Gilbert and Sullivan Players, amateur musicals, children's opera and for Hunter Valley Theatre Company productions."

A reliable orchestra should also attract to the region, Professor Frost said, opera, ballet and musicals that are currently too expensive to bring because the company has to bring orchestral players with it.

He believed that the Hunter Orchestra represented the only real hope for a professional orchestra in the region for the foreseeable future. "Federal and State authorities are sympathetic, given the size of our population, " but they first require from the Hunter Region a demonstration of general interest and demand."

For this reason, the Directors had established a series of stepped objectives:

- In 1985, to mount fortnightly concert seasons using freelance players, to demonstrate the need and demand for an orchestra;
- In mid-1985, to approach Federal and State authorities for funds to employ a nucleus of top-class players to lead the various sections;
- Over a period of years, to build up the orchestra to full-strength and to expand its activities till it can offer symphony concerts, summer promenade programmes, schools concerts, accompaniment for local choral groups, ballet, theatre and other entertainments.

Professor Frost said that as yet the Hunter Orchestra had received no public funding, and was dependant on generous donations from individuals and corporate bodies. Donations, if made through the Elizabethan Theatre Trust are tax-deductible. Donation-forms are available from Professor Frost, C/- the Department of English, Extension 219.

SUPER FUND

The election of two members of the State Superannuation Board is currently in progress. The poll closes at Noon on May 15.

Completed voting material may be returned to the State Electoral Office through normal New South Wales Government courier service channels (without a postage stamp being affixed), by hand delivery to the office or through the post. Instruction No.5 on the ballot paper requires contributors to show their superannuation number, as recorded on the envelope containing voting material, on the envelope provided for the return of the ballot paper.

Insertion of the superannuation number will assist staff of the State Electoral Office when dealing with returned ballot papers, particularly in the case of contributors with a common surname and initials, such as "Smith", "Jones", etc.

It is stressed that a ballot paper will not be rejected because the Superannuation number does not appear on the back flap of the reply envelope.
Students have been elected to four Faculty Boards, the Board of Environmental Studies, the Board of Studies in Business Administration and the Library Committee. However, ballots are necessary to decide the successful candidates in the student elections for the Senate and the Faculty Board, Faculty of Economics and Commerce. At the closing time for nominations the number of nominations received in eight of the Faculty Board, Faculty of Economics and Commerce, the names of persons who would be considered suitable for appointment to statutory and public positions, such as Commonwealth Committees, Inquiries, Agencies, etc. The DEYA is seeking nominations for inclusion on the register of organisations relevant to the Commonwealth role in education and youth affairs.

Nominations

If you are interested, or you know of another staff member who might be interested in being nominated please contact Mr. P. Chopra at Extension 641, or Ms. R. Cotton at Extension 323 by the end of April.

General meeting to be held to fill vacancies

The University of Newcastle Sub-Division of the Public Service Association is calling a general meeting to fill the following positions on the Management Committee:

Secretary, three committee members and Government Agencies Councillor.

As casual vacancies have to be filled, nominations will be taken from the floor at the meeting, to be held in Lecture Theatre B01 on April 23 at 12.30 pm.

MANAGING THE ENVIRONMENT EXPERT HERE

An internationally-known authority on developing natural resources and managing the environment, Professor Derrick Sewell, will visit the University as guest of the Board of Environmental Studies, the Department of Economics and the Hunter Planning Network.

Professor Sewell is the Chairman of the Department of Geography at the University of Victoria in British Columbia, Canada. He has been an advisor to several international agencies, including the United Nations and the World Bank, as well as governments of numerous countries. He has authored or co-authored more than 25 books and 150 scholarly articles.

Dr. Sewell’s work has focussed principally upon policy with respect to water and energy resources and the management of the environment. He has been particularly involved in research concerning hydro-electric power, floods, urban water supply, water quality management, renewable energy resources, energy conservation and offshore hydro-carb resources. He has made important contributions with respect to the development of techniques for the evaluation of projects, the role of perceptions and attitudes in decision-making, and the role of public policy in shaping scientific research programmes.

While in Newcastle Dr. Sewell will present two seminars. The first will be a public lecture on Thursday, April 18 at 8 pm in room R04 in the Geography Department. He will speak on when do environmental problems become strategic political issues.

On Friday, April 19 at 11 am Dr. Sewell will discuss Public participation in resources management and environmental decision-making in the Department of Economics seminar room.
WELCOME BACK

A follow-up to last year's gathering for retired members of staff will be held in the Staff House on May 6 at Noon.

The initial gathering drew a more than expected attendance of about 30 people.

The organiser, Mr. Hugh Floyer, says it was the wish of many retired members of staff to maintain contact with their former colleagues. While the occasion achieved this objective, it also gave members of staff a chance to renew old friendships. He hoped members of staff would join the gathering.

Drug design

Emeritus Professor Adrien Albert, one of Australia's most distinguished chemists, will address a meeting of Newcastle Branch of the Royal Australian Chemical Institute in Room G05 in the Chemistry Department on May 3 at Noon. His topic will be The Scientific Basis for Drug Design.

Professor Albert was for a long period Professor of Medicinal Chemistry in the John Curtin School of Medical Research at ANU and still maintains active research.

Blues

The annual dinner for the presentation of University Blues and Sports Union Colours will be held in the Union on April 19. Cocktails will be served at 7 pm and the dinner will commence at 7.30 pm.

The guest speaker will be Dr. John Cheffers, the Executive Director of the Australian Institute of Sport.

FROM CANADA

Professor B.W. Hodgins, one of Canada's most distinguished historians, visited the Department of History on March 27 and spoke on Canadian and Australian Federalism to an audience of undergraduates, postgraduates and University staff. Professor Hodgins has been Professor of History at Trant University, Ontario since 1972 and Chairman of the History Department since 1980. He currently holds a Visiting Fellowship at Macquarie University. He was photographed with his friend, Dr. Don Wright.

$13,500 Grants

A total of $13,500 has been allocated by the Australian Computer Research Board to support three research projects to be undertaken by Professor A. Cantoni, Professor of Computer Engineering.

The largest grant is $6,000 for research on metastable behaviour and digital system reliability.

There is a $4,000 grant for Professor Cantoni to look into a vector processor employing VLSI floating point arithmetic units.

In addition, $3,500 has been granted for a project in connection with the Second Australian Computer Engineering Symposium.

The Radio Research Board has also allocated $3,000 to Professor Cantoni for research into radio frequency adaptive arrays.

Bible study

Doug Clements, a postgraduate of the University of Newcastle, has been working with prisoners in local goals with some very interesting results.

He will be sharing his insights at the Staff Bible Study in Room S113 on Wednesday, May 1, at 1 pm.

Further information can be obtained from Ron Gibbins at Extension 113.

INVITATION TO THE UNIVERSITY

Newcastle Tamil Association cordially invites members of the University to attend a Tamil Cultural Programme on Saturday, April 20, in the Drama Theatre at 5.30 pm.
### Advertisements

**For Sale**

Laundry Sink (stainless steel) complete with cupboard underneath. Asking price: $20 or near offer. All interested persons are requested to telephone 63 2711 or Extension 361.

One Phillips black and white television set $50 or near offer. One BMX Helmut, gloves, nylon pants and top (suit 10-12 year-old) $60 or near offer. 1975 Torana in good condition. Features include: new tires and cassette radio. Asking price: $3,000. All interested persons are requested to telephone 43 2759 after 5 pm or Extension 361.

Three bedroom split-level home on 1/2 acres at Coal Point. Features include: large bedrooms, living area and studio. This home is close to the lake and all conveniences. Asking price: $92,000. All interested persons are requested to telephone 59 2023.

**Accommodation Wanted**

Margaret Kiloh, of 27 Waterloo Road, Bedford, England, will be visiting Australia on an Australian studies Visiting Fellowship in July and is anxious to arrange a house and/or exchange for all, or part, of the period July to October. She works at the Open University in Milton Keynes. Her home is in Bedford and is convenient for Milton Keynes, London, or Cambridge (35 to 50 minutes to each). She would very much like to hear from anyone who is able to assist.

**Donors Wanted**

Donors are always required for Newcastle's Frozen Sperm Bank. This is used for the treatment of infertility by artificial insemination. Payment is offered ($15 per donation, $90 per course). Complete confidentiality is guaranteed. For further information please contact Sister Sue Porter at 26 6403.

**Wanted to Buy**

One massage table, preferably with folding legs. If you are able to assist please telephone 49 8017 or Extension 797 or you may care to drop a note to N. Jacob, C/- Department of Economics.

**Wanted a Good Home**

A female German Shepherd approximately five months old is looking for a good home. (This dog was saved from a cruel home and is being cared for until a good home is found.) If you are able to assist please telephone 46 8371.

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### Diary of Events

**Monday, April 22, 1.15 pm**

Master Trivial Mind, Union Courtyard.

**Tuesday, April 23, 12.50 pm**

Lunchtime concert featuring Doug Kelly Band (ex-Tansey's Fancy) in the Union Courtyard.

7 to 10.30 pm

Kim Pink's Jazz Band.

9.15 to 9.45 pm

Entertainment in the Bar featuring The Think Tank (comedy).

**Wednesday, April 24, 1 pm**

Annual general meeting of the Union Courtyard.

**Monday, April 29, 6 to 10 pm**

Australasian Night, organised by the Society Uniting Nations (SUN); featuring an Aboriginal Troupe and a Maori Troupe. Number of tickets limited to 200; $4 SUN members, $5 others; tickets available at the Bank Agency.

**Tuesday, April 30, 12.50 pm**

Lunchtime concert in the Union Courtyard.

7 to 10.30 pm

Kim Pink's Jazz Band.

9.15 to 9.45 pm

Entertainment in the Bar featuring General Swineberger (comedy).

**Wednesday, May 1, 1.15 pm**

Master Trivial Mind, Union Courtyard.

8 to 10 pm

Telemovie in the Bar.

**Thursday, May 2, Noon to 2 pm**

Movie Buffs Club, Auchmuty Room, Castle Keep (Burt Lancaster, Peter Falk).

8 pm to Midnight

Disco in the Southern Cross Lounge.

**Friday, May 3, Noon to 2 pm**

Movie Buffs Club, Auchmuty Room, Pure S.