Final win — first ever for University

UNIVERSITY’S FIRST GRADE CRICKET side won the final of the Newcastle District Cricket Competition on 28 and 29 March.

It was the first time our Senior XI has won a district final and a delighted Cricket Club President, Mr Allan Northey, described the success as ‘as great result for the team, the Club and the University’.

Mr Northey told University News that although the win was the first in the Club’s history, many of the team members were still under twenty-three and he hoped the win would not be their last.

Mr Northey commented that the win may have surprised some people. However, the strength of the side’s batting had never been questioned.

‘As the season progressed, the bowling attack gained more purpose and expertise under the direction of Captain, and opening bowler, Tim Curran. Towards the end of the season the team obviously had the potential to be a serious threat in the competition.’

Mr Northey said that the semi-final had confirmed this promise, when the side easily accounted for the minor premier team, Merewether, after being sent in to bat on a wicket slightly damp after overnight rain.

The win in the final against Belmont, which had won the 1985 and 1986 finals, was a tremendous all-round, team effort, the Club’s President said.

‘After winning the toss and batting first, University lost an early wicket, but an excellent partnership between David Johnston (72) and Tony Fort (31) helped to place the team in a strong position.

‘Following a small, middle-order collapse, Robert Merlo (45) and Greg Lloyd (36) combined in a fine partnership, which helped the side reach the impressive total of 242.

The following day Belmont was in early trouble, losing three quick wickets, which placed them in a position from which they were unable to recover, to be finally all out for 148.

‘The University side bowled, and fielded, superbly.

‘Medium pacer, Cameron Ross, finished with four wickets, while Tim Curran, Ian Robertson and Chris Rudd all took vital wickets’, Mr Northey said.

INSIDE: Coal Research attracts $99,400
2 

Letter to the Editor

Dear Sir,

Mr Chris Tola’s comments quoted in University News (16.30/3) saying how pleased he is with the Union Board of Management’s ‘strong’ commitment to meeting the interests of students raises serious questions about his/their idea of the interests of the students.

I pose the question then, ‘How is the Board endeavouring to encourage student clubs or societies to hold their social functions in the Union building?’

In fact it appears that the exact opposite has occurred. The current management has effectively eliminated all student club/society social functions from the Union building.

Some examples of the strong commitment to student interests include:

- Banning the sale of alcohol from Stan’s Bar to student clubs. (Although this practice had been deemed suitable in previous years it is suddenly illegal.)

- Licensing of the entire Union building, so preventing consumption of alcohol not purchased from the Union in confines of the Union Building.

The question may be asked then ‘Why not hold functions at the Union?’ In answer, as most, ‘Why not hold functions at the Bar?’ In answer, as most, ‘Why not hold functions at Stan’s Bar?’

It seems that the Union Board is more a business venture than a student service, concerned with outside catering such as weddings.

I would welcome any reply from Mr Tola, or a representative of the Board of Management indicating how they feel the Board has made a strong commitment to the students.

G.W. Fitzgerald,
Secretary,
Engineering Fraternity.

2NUR-FM REVIEW

The 2NUR-FM Review Committee will soon be finalising its review of the radio station and has asked for any further submissions, or views, as soon as possible.

The Review Committee originally reported to Council in 1984.

Late last year the Council asked the committee to consider the issues arising from its original report and report to Council on any further action that may be needed:

(a) in order to clarify the situation of the Radio Station; and
(b) to enable the Radio Station to more effectively fulfill its functions.

Letters and submissions should be sent without delay to Mr P.H. Farley, Assistant Secretary.

Assistance available in ‘special cases’

THE VICE-CHANCELLOR, Professor Keith Morgan, has told Newcastle University Students’ Association that he shares students’ concern at the difficulties they face in meeting the Federal Governments $250 administration charge.

Professor Morgan, who took office at the beginning of January, replied to the Students’ Association’s protest against the University collecting the administration charge from students before they received their AUSTUDY allowances, which included an additional $250 to cover the charge.

While the University cannot take responsibility for the peculiar difficulties that have arisen with AUSTUDY applications, it is my hope that we can provide some assistance in special cases.

‘The Student Loans Office has already taken steps to ensure that this can be done, the important point being that students should not wait until a problem becomes an emergency before seeking help’, Professor Morgan said.
INCREASING COALS SUITABLE FOR POWER STATIONS

A TEAM from the Department of Chemical and Materials Engineering is hoping to discover ways of widening the range of coal that can be used in electricity generating stations.

The research, which is at an early stage, is supported by the National Energy, Research and Development Council (NERDC), which awarded a grant of $99,400 for 1987 and 1988.

Australia is one of the major coal exporters in the world, with large sources of both black and brown coal. However, some types of coal have a low volatility, and others very high sodium levels. It is difficult to ignite them.

Professor Terry Wall, Associate Professor in Chemical and Materials Engineering, who received the NERDC grant, explained that at present Australia does not export coal which has a volatility rating of less than twenty per cent.

'Twenty per cent is the minimum acceptable level for use in power stations. This compares with the volatility rating for coal mined in the Hunter Valley of around thirty per cent'.

Additionally, Professor Wall's research team is thinking about low-grade coal, most of it located in South Australia, which has to be burnt in power stations at low temperatures if the heat transfer systems are not to become blocked by ash.

The process being used by the researchers involves observing flame stability measurements in the laboratory using the types of coal they are interested in.

Flame stability data has also been supplied to them by fellow researchers who work at power stations and at pilot-scale test furnaces at Ipswich and Adelaide.

'From our operations in the laboratory and by using a mathematical model we can measure the reactivity of the various types of coal', Professor Wall said.

Working on the project with him are Dr John Truelove (a Senior Research Fellow), Dr Rag Gupta, Mr V. Gururajan and Mr J. Lucas.

Our photograph shows Professional Officer, Ms Judy Bailey and postgraduate PhD student, Mr Eric Lindner, working in the laboratory on ash studies using a special ignition furnace.

First Student Parents' Group at University

Student parents who would otherwise have no avenue for guidance and support can now obtain assistance at this University.

The Student Parents' Association of the University of Newcastle (SPAUN) has been formed to support the special needs of its members.

The group will speak on behalf of student parents on important campus issues such as the provision of student-oriented child-care facilities and the University's adaption to the four-term school year.

The Secretary of SPAUN, Mr John Sutton, said that most importantly, the group was initiating a reciprocal child-minding register to help student parents who were finding it difficult to make satisfactory child-minding arrangements elsewhere.

This is especially intended to cater for urgent situations where child-minding is required at short-notice', he said, 'although the register could also be used by student parents to establish regular reciprocal child-minding arrangements or children's play groups with other student parents in similar situations'.

SPAUN's first social activity will be a Quiz Night in the Southern Cross Lounge, on 19 June at 7.30 pm. Proceeds will go to the Hunter Valley Homebirth Group.

Tickets, on sale soon at the SRC Office will be $3 for students, unemployed and pensioners and $5 for everyone else.

The association meets next on the last Tuesday of First Term, 28 April, at 1 pm in the office of the Union President.

For more information about the register, or about the association generally, please contact the SRC, or Carrie (69 2668).
Heading to Queensland

STATION Manager of 2NUR-FM, Mr Anton Donker, leaves the University on 15 April to take up a senior position with Q-Net – the Queensland Government's pilot telecommunications project.

Mr Donker has been the University's radio station's chief administrative officer for six-and-a-half years, a period of considerable growth for the station.

'2NUR commands a great deal of support in the Hunter Region,' he said, 'and is now recognised in the public broadcasting industry as being one of the top half-dozen stations in the nation'.

Between October, 1980, when Mr Donker joined the University's staff, and the present time, the range and quality of 2NUR's programmes have been extended greatly. 2NUR now broadcasts for 131 hours each week.

Mr Donker said the station commanded an area of Australia in which more than 500,000 people resided. As a result the station was superbly based.

'We have a mix of programmes which fit together perfectly,' he said. 'Many people get access through our music programmes and stay tuned to listen to the educational programmes. This is an appropriate role for a university-based station'.

Mr Donker said research carried out by the Hunter Valley Research Foundation indicated that about six per cent of people over thirteen in the region had tuned in to 2NUR in the previous twenty-four hours. The weekly cumulative audience was more than eleven per cent. This was a very pleasing demonstration of community interest.

In Queensland he will work as Development Manager for a major telecommunications programme instituted by the Queensland Government to improve the effectiveness of the delivery of Government services.

Mr Donker said exhaustive studies had been done since 1984 into the present usage and future needs of telecommunications and pilot trials of applications of satellite technology had been conducted.

'It is proposed to develop a comprehensive telecommunications infrastructure in Queensland, including extensions of telephone facilities to country and remote locations, provision of facsimile services, introduction of a new data network, and delivery of wideband services such as educational television and School of the Air, all to be based on Telecom and AUSSAT satellite transmission facilities'.

The News wishes Anton Donker and his fiancee, Ms Lyn Arthur, of Sydney, best wishes and every success in their new life in Brisbane.

SITUATION IN CAREERS OFFICE TO BE IMPROVED

SENATE has approved both 'appropriate measures ... to examine areas of deficiency' in the Careers and Student Employment Office and 'proposed remedial action'.

Senate discussed the report of the Committee to Review the Role and Operations of the Careers and Student Employment Office, which was headed by the Vice-Principal and Deputy Vice-Chancellor, Professor K.R. Dutton.

The report, of twenty-four pages, said, among other things, it was obvious that the two main areas of deficiency identified by the Committee were:

- the relative isolation of the Careers Office from the 'mainstream' of decision-making in areas which have vocational relevance, and the lack of co-ordination which has ensued between the Office and other bodies involved in advising students;
- the lack of adequate staff and resources to enable the Office to realise its full potential as a University service.

Senate established a Careers Advisory Committee, recommended to Council that the membership of Senate be extended to include the Careers Officer, Mr H. Floyer, ex officio and endorsed the Committee's proposal that as soon as resources permit an additional member of professional staff be appointed to the Careers Office, to be responsible in the first instance to the Careers Officer as Head of the Unit.
AWARD WINNER URGES FURTHER INVOLVEMENT IN WETLANDS

MR BRIAN GILLIGAN left the University of Newcastle in 1968 with a BA degree, having majored in Geography and Geology. Since then he has spent most of his life as a teacher and, more recently, as Acting Director of the Shortland Wetlands Centre.

'Little did I know that a night such as this was possible in the future', he said on 27 March. 'If I had, I might have been less hassled during the three years in which I studied English!'

Accepting the 1986 Newton-John Award from Convocation at a dinner in the Union, he said he saw his role in environmental education as a co-ordinator of people. A team had done the work at the Shortland Wetlands Centre and the award, in fact, honoured the members of that team.

At the dinner Convocation also officially welcomed the new Vice-Chancellor, Professor Keith Morgan, and his wife, Mrs Hilary Morgan.

Mr Gilligan expressed his satisfaction in having been included in the select group of recipients of Newton-John Awards and thanked Mathew Harding, who executed the actual award, an egret fashioned in white beech timber.

He went on: 'I interpret the award as the community's and the University's recognition of our approach to environmental education. Also, it indicates the growing awareness of the value of wetlands. Rather than taking an extreme position and bellowing at a perceived opponent, we have dealt with environmental issues scientifically and co-operatively and I think we've gained the public's respect'.

Mr Gilligan said that really the Wetlands Centre's approach to environmental education enveloped more than wetlands. He referred to the Hunter Valley Conservation Trust and the trust's brief to manage natural resources in the whole catchment of the Hunter River.

The trust was currently being restructured and he expressed the hope that it would be given a role in the management of wetlands as part of its role in catchment management.

He said he saw the Hunter Valley catchment and the unique wetlands as an opportunity for departments at the University to become involved in environmental research.

'Notwithstanding the work done by people from the Australian National University and students from universities in Sydney and the New South Wales Institute of Technology, who have visited the Wetlands Centre, relatively little work has been done by those associated with the University of Newcastle. I want to register my disappointment at this.

'The Hunter Region's natural resources, including the wetlands, are very compact and there could be advantages in a co-ordinated approach to research, and management, he said.

The University is in a unique setting close to these natural resources. Geologists, geographers, chemists, engineers, even educationists, can choose from a wide spectrum of topics for research and educational studies'.

He concluded by urging that all interested organisations get together and pioneer investigations into matters pertaining to the proper management of the Region's natural resources.

Inter-Varsity

This year's Inter-Varsity contests will be played between 11 and 15 May.

This University will be represented in the following sports: Athletics (ANU), Badminton (Macquarie, NSW), Golf (Newcastle), Netball (NSW), Rowing (NSW), Rugby Union (NSW), Soccer (Queensland) and Surfing (Monash, Victoria).

University Rugby Club will conduct an inaugural 7-a-side schools competition on Tuesday, 14 April, at No.1 oval, from 4 to 9 pm.
Winners of awards recognised

"UNIVERSITY Medals go to Ron, Kevin and David." This was the title over a story in the last issue of Rodbar, the newspaper of the BHP's Newcastle Rod and Bar Division.

Rodbar said: 'Three BHP people, one at the Steelworks' computer centre and two at Central Research Laboratories, ended the 1986 academic year with 1st Class Honours and University Medals to their credit.

Ron Elsley gained his successes in computer engineering, while Kevin Galvin and David Cameron were awarded BE degrees and University Medals for their results in chemical engineering.

'Ron and Kevin graduated from The University of Newcastle and David completed his studies at The University of Sydney'.

We are indebted to Mr John Bunton, of the Rod and Bar Division's Information Office, for providing photographs of Ron Elsley and Kevin Galvin.

Scholarship Presentation

At the Credit Union Office were the winner of the 1987 Universities Credit Union Scholarship, Mr Ng Peng Hong and the Manager of the Office, Ms Debbie Wood, who made the official presentation.

Views canvassed on ASTEC report

THE VICE-CHANCELLOR, Professor Keith Morgan, told Senate on 25 March that the report of the Australian Science and Technology Council (ASTEC) on Improving the Research Performance of Australia's Universities and Other Higher Education Institutions has been released.

The report makes many recommendations designed to strengthen the research work in higher education and recommends that the Federal Government establish an Australian Research Council (ARC), responsible to the Minister for Science, Mr Jones, to promote higher education research in Australia's interest.

The ARC will support research in the natural sciences and engineering, and the social sciences and the humanities, and will comprise a board of eight members, three of whom will be academics.

ASTEC recommends that additional funds be provided for the ARC, with $20 million extra in 1987/88 and annual increments of $10-15 million (at 1987 prices) for the subsequent three years.

Professor Morgan said that although the report of ASTEC was slim it was important to this University and must be responded to.

After the Vice-Chancellor said he welcomed responses from members of staff, Senate asked the Senate Research Committee to co-ordinate views on the report and prepare a document for consideration by Senate.
ASSISTANCE TO STUDY

Pictured at the presentation of the 1986 Frank Henderson Scholarships were (left to right) the recipients, Mr John Kniest, of Dubbo, Mr Tim Ouderyn, of Wee Waa, Mr Ian Ward, of Newcastle, and Mr Campbell Blogg, of Tyree, and the Head of the Department of Civil Engineering and Surveying, Professor R. Melchers, who presented the scholarships.

The scholarships, named in recognition of Emeritus Professor Frank Henderson who initiated the scheme to encourage high quality high school students to study in the Department of Civil Engineering and Surveying, have been made possible by the generosity of the staff of the Department who set aside an amount earned from consultancies to endow the scholarships.

Each recipient of a scholarship is presented with $500 to assist him or her to attend the University and purchase text books. Preference is given to students from country areas of the State.

The first Frank Henderson Scholarships were awarded in 1982.

More Australian content in Tertiary Education

A report soon to be given to the Commonwealth Government has called for a greater emphasis on Australian subject matter in courses at tertiary education institutions.

The report is the outcome of a review commissioned by the Government of how well our tertiary institutions have linked their courses to the Australian experience.

According to Commonwealth Education Minister, Senator Susan Ryan, the Government wants to bring the study of Australia closer to the centre of what is taught and learnt in our education systems.

Senator Ryan said the report showed that many tertiary students, in both the sciences and the humanities, learnt about a world of which Australia was not a part.

In a speech delivered on her behalf by the Chairperson of the review committee, Dr Kay Daniels, Senator Ryan said Australian studies did not mean a separate subject area but working within established disciplines.

Conference encourages export growth

THE CHANCELLOR, Sir Bede Callaghan, who is Chairman of the Foreign Investment Review Board, will be the guest speaker at a dinner in conjunction with an export conference to be held at the University.

She said the ability to teach in this country and to conduct research about Australia should be an important criterion for employment.

Senator Ryan said Australian studies did not mean a separate subject area but working within established disciplines.

The conference, organised by the University's Institute of Industrial Economics and the Hunter Valley Research Foundation, will look at the development of our export potential.

Representatives of Australian Government and overseas trade organisations, industry, banks, technology companies and universities will address the conference on 4 May.

In the evening, at the dinner in Tattersall's Club, Sir Bede will speak on the topic: Australia's Survival — Australian's Awake.

The second day, 5 May, will bring together the practical experiences of firms within the Hunter Region who are engaged in a wide range of export activities. The problems, risks and rewards will be the subject of scrutiny.

The organisers of the conference explained that the large fall in the value of the Australian dollar since February, 1985 should be creating many profitable export opportunities for Australian businesses. The conference aimed to assist business and government in recognising and taking advantage of these opportunities.

Sessions of the conference will be held in Lecture Theatre R02 in the Social Sciences Building. Cost is $125 (excluding the dinner). Further details are available from Dr Colin Aislabie, telephone Extension 561.
One of England's best-known mathematicians, Professor Graham Higman, was recently a guest of the Department of Mathematics, Statistics and Computer Science.

Included in those who participated in the welcome to Professor Higman was Professor Jim Owings, an American mathematician who is currently a Visiting Professor in the Department.

Professor Higman was Wayneflete Professor of Mathematics at the University of Oxford until recently when he transferred to the University of Illinois. At present he is a Visiting Professor at the University of Melbourne.

Professor Higman's wide academic interests include many aspects of algebra and logic.

He played a significant part in the search for the 'Simple' groups of mathematics, classification of which is an important result of research carried out in the last ten years. In particular, he constructed one of the 'Sporadic' simple groups.

Professor Owings is collaborating with staff in the Department on research into Recursion Theory and Combinatorics and will be at the University until about the middle of June.

Pictured with Professors Higman (second board from left) and Owings (third from left) are Mr. R. Beaghton (left) and Professor W. Britley.

FULL-FEE PAYING STUDENTS INQUIRY

A COMMITTEE of Senate has been established to investigate the issue of accepting full fee paying overseas students at the University of Newcastle.

The members of the Committee are the Deputy Chairman of Senate and the Deans of the eight faculties.

The Vice-Chancellor, Professor K. Morgan, suggesting that acceptance of full fee paying overseas students be evaluated, told Senate on 25 March that a very large number of universities, as well as Colleges of Advanced Education, were mounting the courses and those who were not were actively considering the issue.

One or two universities, he said, were looking at programmes which offered a full range of courses. However, this University should be selective.

Of interest is an article which appeared recently in UNIVIEW, the newspaper of the University of Western Australia:

At the end of February the first full fee paying overseas students selected under the scheme approved by the Senate in 1986 were admitted to the University.

Thirteen have enrolled for the Bachelor of Science in mathematics and computing, five for the Master of Business Administration and six for the Bachelor of Commerce degree.

Although the figures are below the limits which were set (40 places in the BSc and twenty in the BCom and MBA), it is considered that the outcome of the recruitment effort is satisfactory, given the late start which was made to marketing the opportunities overseas.

For 1988 admissions, the University will participate in Academia 87 in Kuala Lumpur this month. This is an 'education trade fair' which will provide an excellent opportunity to make the University's programmes known to students likely to be interested in full fee places.

SAFETY STUDIES FOR PILOTS AND DRIVERS

ASSOCIATE PROFESSOR ROSS TELPER, Head of the Department of Education, has received continuation funding for two projects which focus on training subjects to increase the degree of safety in their operations.

One study, funded by the Australian Department of Aviation, involves the design of instruction, associated manuals and audio-visual aids for use by flight instructors. The 1987 grant of $6,000 brings the total funding to $24,000 and will enable finalisation of the Pilot Judgement Training Project.

The Traffic Authority of New South Wales has supported a parallel project applied to driving instruction. The 1987 grant of $6,000 is an extension of the initial grant of $10,000 and will enable finalisation of a set of manual for learner-drivers and driving instructors.
Academy awards

Applicants sought for Academy awards

The Department of Commerce has arranged a public forum at which the results of a study of the social disclosure practices of large corporations, including the BHP, will be presented.

Professor Lee Parker, of Griffith University, will report on his study in a paper entitled "Critical Perspectives of Corporate Social Disclosure." The forum will be held in the Purdue Room in the Great Hall on 30 April between 5.30 pm and 7.30 pm. Part will be devoted to a panel discussion in which representatives of the accounting profession, commerce and trade unions will participate.

For further information get in touch with the Department of Commerce at Extension 735.

Professor Parker has held lecturerships in accountancy at Glasgow, Dundee and Monash Universities and is currently Professor of Accounting at Griffith University. He is a Fellow of the Institute of Chartered Accountants, the Australian Institute of Management and the Australian Society of Accountants.

EATING FOR YOUR LIFE

Thursday, 30 April, will be Heart Food Day at this University.

The University Health Service has given the day this designation so that students and staff can obtain information about healthy food and good eating habits.

The service is collaborating with the National Heart Foundation, which is to hold a Heart Food Festival from 26 April to 2 pm. In addition, during the lunchtime period the Union Cafeteria and Bistro will offer a heart food menu, and the Staff House a heart food smorgasboard.

The forum will be held in the Union Foyer between 12.30 and 2 pm.

For further details contact the University Health Service, Level I, Union.

Sociologists combine with Philosophers

For the first time, the Philosophy Camp will be jointly attended by students of Philosophy and students of Sociology.

It will be held at the YMCA's Camp at Crangan Bay, south of Swansea, from 24 to 26 April. The camp begins on Friday at 6 pm and concludes on Sunday at 6 pm.

Guest speakers include Associate Professor W. Donella, Mr N. Jacobi and Professor C. Hooker.

Members of the University's Philosophy and Sociology Clubs have been invited to attend the camp.

There is a limit of forty on accommodation.

The cost for the weekend is $37, but people can attend on a daily basis for $20.

For further details get in touch with Mr M. Oswald, President of the Philosophy Club, at 45 8601.
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One-act plays will follow-up 1986 shows

THE DRAMA Department presented a season of lunchtime shows in the Green Room in the Great Hall last year.

As the venture was a success, the Department has decided to put on a follow-up season this year, comprising student-directed one-act plays, extending into early evening performances as well.

Plans to date include the following, with more to be announced:

Harold Pinter's A Slight Ache, to be directed by Lucy Skilbeck, originally written as a radio play in 1959, and now adapted for the stage. This typically menacing little piece will run from 13 to 16 April, with an evening performance (6 pm) on the 16th.

Barry Oakley's Witzenhausen Where are You?, a piece of lavatorial humour from one of Australia's funniest writers, to be directed by Rob Dilley, will run from 27 April to 1 May, with an evening performance on the 30th.

Eugene Ionesco's The Chairs, to be directed by Julie Hare, with a cast of three and a lot of chairs, is planned for 27 to 29 May, with an evening performance on 28 May.

Tennessee Williams' The Latter Days of a Celebrated Soubrette, the Australian premiere of a mid-60s 'slapstick tragedy', owing as much to vaudeville as to Ionesco and Genet, is to be directed by Peter Trist, and will run from 24 to 27 June, and again from 1 to 4 July, just as an evening show.

Jean Cocteau's The Human Voice, a play for actress and malfunctioning telephone, to be directed by Philip Bilton-Smith, will run from 5 to 7 August, day and evening, and will close with an evening performance on the 8th.

Several other shows are planned for later in the year, some of them to be written by students of the Department, but more of that later.

These shows, at a giveaway price of $1, offer an opportunity to see students of the Drama Department at work on some unusual, entertaining and engaging pieces of theatre which it would be very difficult to see elsewhere. Nothing to do at lunchtime? Give it a try.

ARRIVALS & DEPARTURES

Appointments

Mrs Mary K. Barnes, Office Assistant/Typist, Staff Office.
Miss Janet L. Britton, Office Assistant/Typist, Careers and Student Employment Service.
Dr David Clark, Fellow, Faculty of Medicine.
Dr Moira T. Gordon, Lecturer, Department of Economics.
Professor Desmond B. Hughes, Professor, Department of Economics.
Dr Donald W. Jackson, Fellow, Faculty of Medicine.
Mrs Lee V. Jensen-Muir, Office Assistant/Typist, Faculty of Education.
Mr David M. Koch, Professional Officer, Department of Computer Science.
Ms Susan M. Liddell, Office Assistant/Typist, Faculty of Medicine.
Mr Robert J. Moore, Lecturer, Faculty of Architecture.
Ms Catherine L. Thirkettle, Computer Programmer, Computing Centre.
Mr Ernest A. Walpole, Lecturer, Chemical & Materials Engineering.
Mrs Gaylene Wilson, Clerk, Bursar's Division.
Mr Maxine J. Zerafa, Stenographer, Department of Physics.

Resignations

Mr Michael R. Errington, Lecturer, Department of Law.
Miss Gaye J. Gillick, Library Technician, Auchmuty Library.
Professor Anthony J. Gutman, Professor of Mathematics.
Professor Beverley Raphael, Professor of Psychiatry, Faculty of Medicine.

Retirement

Professor Norman R. Cattell, Professor of Linguistics.

University to host Summer Science School

AT THE RECENT conference of Rotary District 967, a proposal to hold a Summer Science School at the University, with the support of Rotary, was accepted.

About 200 Year 12 students from the Rotary District will come to the University in the week beginning 31 January, 1988. The school will be residential, with the students taking over Edwards Hall for that week.

Students from the area roughly bounded by Swansea in the south, west to Dubbo and Cobar, then across to Merriwa and Nelson Bay will be selected from high schools in the area. The selection of attendees will be on the basis of interest in and aptitude for science and not simply on the basis of academic ability.

The Summer Science School will consist of lecture streams in Physics, Chemistry, Geology and Biological Sciences, plus a range of visits to local industry such as BHP, CRL.

The lecture streams will each take a topic of current technological importance and develop it from the basic science through to its technological applications and, if appropriate, the social implications as well. For example, lasers could be a theme within Physics and, while the application of lasers to measurement and industrial processing would follow a natural progression, lasers as a weapon would also be discussed.

Lecturers in the programme will be drawn from universities, colleges and schools and from CSIRO and industry as well. Careers guidance in science and technology will be an essential part of the programme.

Further information is available from Professor R. MacDonald in Physics.
For Sale

Bachelor of Arts academic hood in good condition, $18 or near offer. Telephone 61 2275.

Windsurfer in good condition (nearly new Mylar sail), $500 or near offer. Telephone Extension 699 or 59 3833.


Casio scientific calculator (FX 3600P), $50 or near offer. Telephone Chris at 24 060.

Sigma Spares — tow bar (complete with goose neck, ball and 5 pin trailer plug, suit GE series to about 1980), $50. SE Sigma dress rims (set of four as new, suit 13" rims), $30 each. Lukey exhaust system (engine pipe, new, suit Astron 2000 motor), $25. Telephone Richard at Extension 639.

The following bits and pieces are offered for sale by Richard at Extension 639: student desk (four drawers, teak, 900cms x 600cms x 720cms), $30. Chair to suit the desk, $10. Television trolley (sturdy metal frame, teak top with video shelf under), $20. Table lamp with green shade, $5. Electric heater as new! (Vulcan model 3D, three pushbutton, heat settings), $25.

Three bedroom weatherboard and tile home in New Lambton Heights. Features include: study, lounge, separate dining room, eat-in kitchen with dishwasher, extensive Blackbutt views and established garden. Asking price: $90,000. Telephone Extension 695.

Two colour television sets — Sony 18" UHF/VHF (five years old), $200 and HMV 22" VHF only (nine years old), $160. Telephone Machelle/Peter at 87 1169 after 6 pm.

The University of Newcastle Women's Group has wine glasses for sale with the University crest printed on them and are priced at $3 each or the half dozen for $18. The glasses may be purchased from Sue Deamer at 43 0306.

"IronBark" a property situated in the Quorrobolong Valley. Comprising 25 acres of undulating top grade grazing land with a brick split level three bedroom home plus study. The home has a large front verandah overlooking the valley. Also very large open fireplace and double carport and separate workshop building. Thirty-five minutes drive from the University. An exceptionally good property well worth inspection to those contemplating a semi rural life. Asking price: $180,000. Telephone 38 0284.

Wanted to Rent

Acreage which is ideal for horses and within forty minutes of Newcastle with long lease for good reliable tenant. Telephone Gay at Extension 407.

Wanted to Buy

Pine or Cedar old furniture also bric-a-brac. Cash paid on the spot. Telephone 59 2319.

Car in reliable condition to rent or buy (up to $2,000) for 1987. Telephone Extension 596 and ask for Peter.

Staff favoured by Orchestra

Staff of the University have been granted a 'special offer' in connection with tickets for concerts put on by the Hunter Orchestra.

The 'special offer' is a season ticket (two main concerts) at $23, or tickets for individual concerts at $12. Tickets can be obtained from the English Department office.

The Orchestra will bring violinist Nelli Shkolnikova, a Russian who defected to the West in 1982 and has taken up residence in Australia, to Newcastle. Miss Shkolnikova will perform in the Great Hall.

The Hunter Orchestra will present an Easter Concert in Christ Church Cathedral on 15 April at 8.15 pm.
DIARY OF EVENTS

Monday, 13 April to Thursday, 16 April, 1 pm
Drama Department presents lunchtime drama production entitled A Slight Ache, a one-act play by Harold Pinter, directed by student Lucy Skilbeck in the Green Room of the Great Hall. Further performance on 16 April at 6 pm.

Tuesday, 14 April, 1 pm
Union AGM in the Courtyard.

8 - 11 pm

Wednesday, 15 April, 1 pm
Lunchtime concert in the Courtyard featuring Degage Ensemble. Admission: free.

5.30 pm
Sports Union’s Annual General Meeting, The Auchmuty Room, the Union.

Inaugural Lecture to be presented by Professor Eric Colhoun, Professor of Geography. Topic: The Ice Age and Man. Venue: Drama Theatre.

7 pm
Dr Michael Gore, Director of the National Science and Technology Centre and founder of The Questacon, the 'hands on' science centre in Canberra, will deliver a public lecture on Buoyancy, Pressure and Archimedes’ Principle. Venue: Drama Theatre.

8 - 11 pm
Entertainment in the Bar featuring Cas and Lola (Cabaret). Admission: free.

Thursday, 16 April, Noon
Movie: Hannah and Her Sisters in the Common Room. Donation: 50 cents.

Wednesday, 22 April, Noon

8 - 11 pm
Entertainment in the Bar featuring Jazz with Mark Johns. Admission: free.

Thursday, 23 April, Noon
Movie: Clue in the Common Room. Donation: 50 cents.

2 pm
Department of Philosophy seminar entitled Statement as Act and as Object. Speaker: Leila Cumming. Venue: A110 McMullin Building.

7 - Midnight
End of Term Rage featuring Afro Rock with Darleen’s Lucky Dip.

Tuesday, 28 April, 1 pm

8 - 11 pm

Thursday, 30 April, Noon
Movie: Colour Purple in the Common Room. Donation: 50 cents.

2 pm
Department of Philosophy seminar entitled Statement as Act and as Object. Speaker: Leila Cumming. Venue: A110 McMullin Building.

7 - Midnight
End of Term Rage featuring Afro Rock with Darleen’s Lucky Dip.

ST. MATTHEW PASSION
J.S. BACH
Newcastle University Choir and Orchestra
with The Waratah Girls Choir
Conducted by Peter Brock
Rehearsals: Paul Bosso — Choir; Grant Dobby
Soprano: Jennifer Ban — Christ: Grant Dobby
Baritone: Christopher Allen

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