1980 Graduation Ceremonies

The Vice Principal, Professor A.D. Tweedie, who will retire at the end of this year, will deliver the Occasional Address.

Later in the morning, degrees will be conferred on students graduating in the Faculties of Economics and Commerce, Education, and Engineering.

Professor Clark will give the Occasional Address. Degrees in the Faculty of Arts will be conferred in the morning of April 26 starting at 10.30. Sir Zelman will be paying his first visit to the University as Governor General, although he was here whilst Vice-Chancellor of the University of Queensland for a meeting of the Australian Vice-Chancellors' Committee in 1974. He has been Governor General since December 1977. Born in 1919 Sir Zelman was a Victorian Rhodes Scholar. He had a long and distinguished career teaching law at Oxford and Melbourne Universities prior to becoming Vice-Chancellor of the University of New England in 1967 and, in 1970, Vice-Chancellor of the University of Queensland. He has also been active in advisory, research, broadcasting, educational and musical fields and has honorary degrees from the Universities of Hong Kong, Queensland and Melbourne.

The University will honour two distinguished Australians by admitting them to honorary degrees during the 1980 graduation ceremonies this month.

In addition some 700 degrees and diplomas will be conferred by the Chancellor, Sir Bede Callaghan.

The conferring of degrees ceremonies will be held in the Great Hall on April 19 and 26. Two ceremonies will be held on April 19 and one on April 26.

Those to be honoured by the University for their contributions to Australia are:

The Governor General, Sir Zelman Cowen and Emeritus Professor Manning Clark.

Convocation, in conjunction with the Union, will conduct the 1980 Graduation Ball in the Union on the night of April 26.

Students graduating in the Faculties of Architecture, Mathematics, Science and Medicine will receive their degrees at the first ceremony on April 19, starting at 9.15 am.
LETTERS

I very much enjoyed reading Marion Magee's account (University News, Vol.6, No.4) of the experiences of our first intake of undergraduate medical students, which gave a fair and balanced picture.

However, one item of fact requires correction, which I provide with Marion's consent. The assertion attributed to her that the local newspaper correspondence on the issue of medical man-power caused 'many (doctors to pull out) of the University's tutoring scheme' is simply not true. Nearly one hundred local doctors undertake part-time educational activities for the Faculty; of these, we know of only one who withdrew on account of this issue.

Our students should be reassured that they constitute one of our greatest assets for maintaining good relations with local doctors, without whose enthusiastic support our educational programme would be impossible to run.

Yours faithfully,

Professor Rufus Clarke, Chairman,
Undergraduate Education Committee. Faculty of Medicine.

[The 'assertion attributed to her' is recorded on the tape of the interview and was in the draft of the article read by Miss Magee before publication. The Editor.]

FAREWELL

I wish to thank all those people, who, over the past ten years, have been pleasant and cooperative, thereby making my employment at the University a memorable one.

I wish everybody all the best and apologise to friends to whom I missed saying goodbye.

Doug Kuschert.

UK Term dates

Mrs. G. Durham (Extension 240) is holding details of the term dates of the University Institutions in the United Kingdom for the 1980-81 academic year.

University News is grateful to Mr. O. Reif, of Cardiff, who, having read the recent article on the 'Port Stephens Rail Link' in the News supplied us with the following additional information:

"The proposed route for the railway line, its reservation of one and a half chains width, crossed my father's land at Mill Creek. Stroud. This property was purchased in 1910 and the reservation was marked on the deeds.

"Notwithstanding the obvious benefits of a rail link between Port Stephens and the productive areas to its immediate North West, the proposal languished and the extension of the present North Coast Line from Maitland to Taree in 1913 (via Dungog and Gloucester) virtually killed the idea.

"In the early 1920s, with the advent of Henry F. Halloran's grand plan for a city to be built at Pindimar, on the north side of Port Stephens, the idea was revived and revised. This time a shortened line was to follow part of the original southern survey and link up with the North Coast Line at Stroud Road.

"Political support was forthcoming and just as relative legislation was being considered the Government of the day met with unexpected defeat at the polls. Worse still, the particular champion of the idea, the then Minister for Transport, lost his seat and once more the proposal faded away - seemingly forever.

"The following data appeared in a booklet published at the time:

"...the proposed railway commences by a junction with the North Coast railway at the centre of Stroud Road Station, platform and proceeds south-easterly on the eastern side of the Karuah River for ten miles, where a more easterly bearing is taken and the main road to Bulahdelah is crossed at 1 2 ½ miles. At 14 miles a southerly direction is taken to the crossing of the Branch River at 17 miles; thence the south-easterly bearing is resumed to 23 ½ miles, where the line curves southerly and follows the eastern side of Bundabah Creek and North Arm Bay to the southern shore of Port Stephens, along which it follows and terminates at 35 miles.

"The works are moderately heavy, with a ruling grade of 12 chains radius ..."
Emeritus Professor Cliff Ellyett never dreamed of belonging to the Explorers Club. Nonetheless, he has been elected a Fellow of the Club in recognition of his extensive research work into the Upper Atmosphere.

The Secretary of the Explorers Club, in a letter from the Club's Office at 46 East 70th Street, New York, advised Professor Ellyett of his election and stated that he hoped he would participate in many of the Club’s activities.

Since nobody seemed to know much about the Club (it was a nebulous body to even Professor Ellyett), the University News obtained the following information from the Auchmuty Library.

The Explorers Club, founded in 1904, has 1,500 members who are professional explorers and scientists. Its aims are to promote exploration and to disseminate information about scientific exploration. The Club maintains archives, awards exploration grants, medals and citations and conducts seminars and public lectures.

Footnote: Professor Ellyett stated that he was told by a friend that at one dinner the Club held it had arranged for mammoth meat to be served. The mammoth had been found in a glacier.
Commerce graduates

Almost one in two B.Com. graduates of the University feel that the plans they had when they left university have not quite been fulfilled.

Just under three of the graduates consider that their post-university careers have been rewarding, both financially and in other ways.

The educational experience of B.Com. students within the Department of Commerce and its relationship with their subsequent professional careers are questions that had occurred to Professor J.K. Winsen for quite a time. Early last year he sought the answers by canvassing the views of those who graduated between 1969 and 1977 with B.Com. degrees with major studies in Commerce.

Some interesting results have emerged from Professor Winsen’s survey. The respondents indicated that the Department of Commerce at Newcastle had more prowess compared to their perception of the education and training given at other universities.

Eighty-nine percent of the graduates felt that their educational experience in the Department of Commerce was very important or of some importance to the development of their careers.

The graduates were asked which kind of commercial education would especially increase the probability of a good future career? One in three replied that only more experience could do the trick, whereas one in three stated that education and training, conceptual foundations and managerial techniques was the type of education required.

Professor Winsen’s survey provides some interesting data on Commerce graduates’ attainment of their career expectations, the salaries being paid to them.

Seventy per cent of the 1969 to 1977 output obtained jobs in the area of their major fields of study.

The break-down of salaries per year before tax and including superannuation and other fringe benefits was:

- More than $25,000 3 per cent;
- $20,000 to $25,000 10 per cent;
- $15,000 to $20,000 39 per cent;
- $10,000 to $15,000 44 per cent and up to $10,000 4 per cent.

The University of Newcastle Symposium on Advances in the Study of the Sydney Basin.

The Symposium Dinner will be held at the Hungerford Hill Wine Village, Pokolbin on May 3.

The keynote address is expected to elicit a lot of interest. This will be given by Mr. G.J. Lynch, Chairman of the National Energy Advisory Committee, Department of National Development, Canberra. Mr. Lynch will present an overview of the total Australian Energy Outlook. He will deal with the activities of the NEAC from both historical and advisory viewpoints and give details of the effects of the OPEC price increases on the stimulation of increased oil exploration, conservation of energy resources and the viability of alternative fuels.

Mr. Lynch will emphasise possible strategies for the use of Australian coal.

Mr. J.B. Croft will be Chairman of a discussion about "Engineering Geology and resource planning in the Hunter Valley and Lake Macquarie."

Mr. W.G. Gale, a Ph.D. student in Geology, will present the results of his study of palaeostress systems and deformational events in the Lower Hunter Valley.

Following the explorers

Last year’s safari style, two-week study tour to Cooper’s Creek will be repeated by the Department of Community Programmes in August, 1980.

The study theme will be "The explorers Sturt and Burke and Wills and the twin leaders will be Dr. John Turner (History), Mr. Don McNair (Botany) and Mr. Boris Sokaloff (Aboriginal Studies).

From May 2 to 4 the Department of Geology is to be host to about 150 geologists who will be participating in the 14th Newcastle Symposium on Advances in the Study of the Sydney Basin.

The symposium will emphasise the importance of coal to the Hunter Valley Region. The programme consists of the formal presentation of papers on the morning of May 3, the holding of discussion groups that afternoon and the presentation of further papers on the morning of May 4. About 15 papers will be read.

Dr. Philip Seccombe, of the Department of Geology is Convenor of the symposium. Professor C.F.K. Diessel, Associate Professor in Geology, will be leader of this year’s excursion (to Buchanan Tunnel, near Mt. Sugarloaf) and leader of a discussion in connection with current problems in Coal Petrology.

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The tour will depart on Saturday, August 23 and return on Saturday, September 6, and the cost per person is expected to be about $330. Final details are now being worked out and interested people are invited to register with the Department of Community Programmes (telephone Extension 600) as soon as possible.
Sport

Yes the Athletics Club has been alive and flourishing during the Christmas break, with good performances being recorded on the track by a number of club members.

Most successful was Mike Beisty, who, after a series of good performances locally ran third in the NSW Country Championships at Hensley Field.

Bon Gray, showing the benefit of winter weight training, finished a good third in the 800m titles.

In the Newcastle and Central Coast (NCC) Branch 10km championship, the University club was again to the fore, with good performances from Terry Wall (4th in 34:15), Bob Kimberly (38:45), Albert Weymeyer (40.05) and Dick Parberry (42.26). Mike Beisty, suffering from a back problem, was forced to withdraw from this event.

Regular nights have been arranged for club members on the University's No.2 oval on Monday and Wednesday nights from 5.30 to 7 pm.

The annual general meeting of the University Golf Club on March 31 officers were elected as follows:

President: Prof. E.C. Parker; Vice-President, Mr. K. Flowers; Hon. Sec. Treasurer, Mr. N. Keats; Club Captain, Mr. J. Serhan; Sports Union Representatives, Mr. Flowers and Proxy Mr. Serhan.

The meeting decided that the first and second University Championships should be played on April 13 at Newcastle Golf Club and the second round at Steelworks Golf Club on April 27. There are trophies for the best stret c-handicap scores, and all students and staff of the University are invited to participate.

Annual fees were set at $2 per player.

As the IV Golf will be played in Sydney from May 12 to 16, the Secretary would like to hear from any A grade golfer who is a bona-fide student and is interested in playing in the Championships.

The annual general meeting of University Badminton Club will be held in the Auchmuty Centre on April 22 at 8 pm.

University Netball Club practices at No.1 Oval on Wednesdays from 3 pm to 5 pm. An invitation is extended to all netball players to attend these practice sessions. Further information may be obtained from Lois Clipsham (telephone 87 2041) or Jock Armstrong (Extension 469).

A regular mixed hockey session has commenced at No.1 Oval on Mondays from 1 to 2 pm. Interested students and staff are invited to participate. Please contact Mike Hayes on Extension 602 or Jock Armstrong on Extension 469 if additional details are required.

Bequest

A selection of books from the June Stead bequest is on display in the Auchmuty Library. The books, dealing with issues concerning women, have been bought with donations from friends of June Stead and have been placed in the Library in her memory. Mrs. Stead died in 1979. She was active throughout her tragically-short life in the labour movement and in the women's movement.

Vice-Chancellors' Committee

The Vice-Chancellor was host when the Australian Vice-Chancellors' Committee met at the University on April 15. Pictured (from left), back: Professor Clarke (Deputy Vice-Chancellor, Wollongong), Mr. Hamblin (Secretary, AVCC), Professors Reid (Deputy Vice-Chancellor, Western Australia), Webb (Macquarie), Wilson (Queensland), Back (James Cook), Willett (Griffith), Caro (advice), Hancock (Flinders), Serhan (Adelaide) Martin (Monash) and Scott (La Trobe); front, Professors Williams (Sydney), Low (Australian National University), George (Newcastle - Chairman of the AVCC), Myers (New South Wales), Gates (New England), Jeavons (Deakin) and Wilson (Murdoch).
NEW BOOK

Dr E. M. Andrews, Senior Lecturer in the Department of History, has just had a book published, *A History of Australian Foreign Policy; From Dependence to Independence*. It is put out by Longman Cheshire and is $5.95 to University Co-operative Bookshop members.

Basically, the book is an enlargement of an earlier work by Dr Andrews - *Australia in the Modern World*. Designed for students in the last year of high school or the first year of the university, as well as the general reader, it has an expanded first section on the 19th century and has been brought up to date with a chapter on the foreign policy of the Whitlam Labor government and a mini-chapter on the early-Fraser government's policies. It has also been provided with documents illustrating the text, and cross-referenced with it.

Dr Andrews explained that many books had been written to cover specialist themes and periods in Australian foreign policy. His was the first book to present the general history of the major issues of that policy from the 19th century to the present day and illustrated these issues with the inclusion of relevant contemporary documents.

Dr Andrews gives a description of the invasion fears of the separate colonies in the 19th century and their reliance on Britain. He then goes on to show how, in the 20th century, during the First World War, through the Depression, to the Second World War until today, Australian foreign policy grew up during this century, and the obvious limitations that still exist on that independence.

Storing solar energy in a

The low, brick building being erected near the Auchmuty Sports Centre has aroused the University's curiosity. Dr Kerr Johnston, retired Associate Professor in Mechanical Engineering, has designed the building, by means of which he hopes to find a simple answer to one of man's pressing problems - obtaining cheap energy to create comfortable temperatures inside homes.

To establish whether it could be good economics to install indoor swimming pools to achieve savings on electricity and oil costs is the task facing Dr Johnston.

His research project is based on the fact that water is an excellent absorber of solar energy. It is also a very good store for energy - volume for volume more than twice as good as concrete, brick or rock.

"Added to this," he says, "water is a convenient energy transfer medium, because it can be circulated about - unlike brick walls, or concrete floors.

"Water is a convenient energy transfer medium, because it can be circulated about - unlike brick walls, or concrete floors."

When the wind blows and the air is cool, as at night, "Dr Johnston received a grant of $60,000 from the National Energy Research Development and Demonstration Council for the research project, which has made the erection of the experimental house possible."

Dr Johnston outlined his hypothesis as follows: "Let us build a house that is properly insulated inside. The house is cool, as at night."

"So the pool instead of being a luxury for the affluent becomes good economics for all, with luxury thrown in as a bonus," he said.

"Dr Johnson quoted his namesake (almost): "Dr Samuel Johnson said nothing sharpened a man's wits like notice that he was to be hanged in a week's time."

"Firstly, even in mid-winter almost all houses in our area have heating on their outside more than twice as much solar energy as they need to keep comfortably warm inside all the time. All that is needed is a means of admitting and storing this free energy."

"Secondly, in mid-summer there are very few days when the average temperature for the day is more than a comfortable 25°C. What is needed for comfort is a way of averaging out the external fluctuations in temperature."

Dr Johnston believes that his house near the Sports Centre will have a stable temperature of between 20 and 25 degrees throughout the year without heating or air conditioning. For the experiment humans will be simulated by heaters set at body temperature. The anticipated life of the research project is approximately two years.

"Dr. Andrews"

"And we swim all the year round without having to clean loads of debris from the pool."
FM goes Japanese

In the Japanese language "Watashi wa radio o kikimasu" means "I listen to the radio". It is just one of the many useful expressions to be learned from the language series Let's Learn Japanese starting soon on the University's community radio station 2NUR-FM.

Let's Learn Japanese, produced by NHK in Tokyo, is a course designed for interested people who have no knowledge of the Japanese language.

The series concentrates on the basic structure and grammar of the Japanese language and aims to give a grounding in common words and phrases.

Let's Learn Japanese is a non-academic course with no examinations and is open to all interested people regardless of scholastic qualifications.

Radio 2NUR-FM is offering free textbooks to accompany the course.

The textbooks are now available from the radio station in the Mathematics Building or by telephoning 685 713.

Let's Learn Japanese started on 2NUR-FM at 11 am on Sunday April 13.

The Vice-Chancellor agreed to Mr. Cowdroy attending the conferences. Support has been given by the St. Regis -- ACI Group of companies, which sponsored Mr. Cowdroy's 1976 scholarship.

Mr. Cowdroy

Advertisements

FOR SALE

GOLF CLUBS - 2 sets: GENTS - 2 woods, 3, 4, 5, 6, 7, 8, 9 irons; putter, sand wedge, pitching wedge, fading, hopy and dog, $150.

LADIES - 2 woods, 3, 5, 7 and 9 irons; putter, sand wedge as new. Buggy and bag, $130. Please contact C. Bell Extension 454 or 51 3761 after hours.

REFRIGERATOR/FREEZER - Engel 1 cubic foot, thermostat controlled 12v, DC/240 VAC ideal camping/travelling. Fridge or freezer in good condition. $160 or nearest offer. Please contact C. Bell Extension 454 or 51 3761 after hours.

HOME FOR SALE - RANKIN PARK

Brick veneer, three bedrooms, study, combined lounge-dining, pot-in-kitchen, family room. Close to University, $57,000. Please telephone 52 4461.

POSITIONS WANTED - TYPING

The following persons would like to type theses, reports, occasional papers etc.

Mrs. Christine Hills, telephone 43 0217.
Mrs. Sue Sullivan, telephone 40 9119.

Mrs. Joanne Richards - New Lambton, telephone 52 4711.

Mrs. Christine Rex, 143 Bayview Street, Warners Bay. Telephone 48 5180.

In order to make the University's Archives in the Auchmuty Library available to evening students, the University Archives is now opening on Monday evenings. Hours of opening are:

Monday: 9.30 am to 1 pm; 2 pm to 6 pm and 6 pm to 8.30 pm.

Tuesday to Friday: 9.30 am to 1 pm; 2 pm to 5 pm.

A guide to the University Archives' resources is available to staff and students on request.

Scholarships

For further details on these scholarships, please contact the Student Administration Office, or Extension 302.


The German Academic Exchange Service - is offering scholarships to Australian graduates. Covers the period April 1982 to March 1983. Applications are available from The Secretary (German Government Scholarships), Department of Education, P.O. Box 826, Woden 2606 and closes July 1982.

G.C. Anderson Research Scholarship - for graduates qualified in History and Anthropology qualified to research history of one or more Pacific islands. Tenable up to two years and valued at $4,500 p.a. Applications from the Registrar, (Scholarships Office), University of Sydney, 2006 and close on March 31.

Scholarships to Greece - for Australian teachers of English to become assistants in French high schools for eight months from April 1981. Living allowance of $400 per month, medical expenses but travel to and from France not included. Applications from The Secretary, (French Government Assistantships), Department of Education, P.O. Box 826, Woden 2606 and close on October 3.

Hungarian Government Scholarships 1980/81 - available for three to six month period, from the Secretary, Hungarian Government Scholarships, P.O. Box 826, Woden 2606 and close on May 16.

The Apex Foundation Studentships for Research into Mental Retardation - five studentships for 1981, value of $200 each. Sabatical applications as soon as possible which are available from The Secretary, Apex Foundation for Research into Mental Retardation Inc., G.P.O. Box 169P, Melbourne, 3001.

The English Speaking Union Scholarship - professional staff and graduates. Amount of award for 1981 is $5,000 and closing date is 30 October. Applications being available from P.O. Box 999, Grosvenor Street, Sydney. 2000.

1980 CSEPO Postdoctoral Studentships - Ph.D. graduates, available for one year's duration. Applications are available from the Student Administration Office.
Diary of Events

FRIDAY, APRIL 18
11 am
Department of Economics will hold a seminar in Room S101. Professor A. Buse, of the University of Alberta, Canada, who is a visiting professor at the University of New South Wales, will speak on Tests for Additive Heteroskedasticity: Some Preliminary Results.

FRIDAY, APRIL 25
1 to 3 pm
Live music by Ironbark. Beer Garden.

7 pm
Annual Blues Dinner, the Union. Blues and Sports Union Colours will be presented by the Vice-Chancellor. Guest speaker Mr. Chris. Wardlaw, Australian Olympic Distance Runner.

SUNDAY, MAY 5
10 am
Champagne breakfast, conducted by the Engineering Fraternity, Scobie’s Heath barbecue and liquid refreshments. $3 members, $4 non-members or $5 per couple.

11 am
Vice-Chancellor’s Regatta, Aquatic Centre, King St., Raymond Terrace. Barbecue lunch provided. BYO liquid refreshments.

8 pm
Newcastle Film Society - Cathy's Child (D. Crombie, Australia 1979). Based on a true incident. Cathy Bakes is a Maltese woman, living in Australia, whose Greek husband goes back to Greece when their marriage breaks up, taking their elder child with him. The film depicts Cathy’s ultimately successful struggle with Australian and Greek bureaucracy to recover her child.

Staff members’ grants

Five members of the university’s staff have attracted grants valued at $13,520 from the Radio Research Board.

Dr. P.A. McGovern, of the Department of Physics, has received the highest grant - $6,700 - for a project in connection with Tem Cell Development.

The other recipients of new RRB grants are Dr. K.K. O’Hara whose project is concerned with Transition Count Testing of Synchronous Sequential Machines.

MONDAY, APRIL 21
8 pm

TUESDAY, APRIL 22
1 pm

SUNDAY, APRIL 27
8 pm

MONDAY, MAY 5
2 to 3.30 pm

FRIDAY, MAY 9
11 am

MONDAY, MAY 5
SUNDAY, MAY 11

SRC Charity Ball to aid the Council for Social Justice, bands - Heroes, Layabouts, DOV8, Ward 10 and Jukebox.

Newcastle Film Society - The Persecution and Assassination of Jean-Paul Marat as acted by the inmates at the asylum at Charenton under the direction of The Marquis de Sade (P. Brook, U.K. 1967).

A film adaptation of Peter Brooks’ famous Royal Shakespeare Company production of Peter Weiss’s play, “These may be crazy people, but they are also terrifyingly correct in their maniacal shrieks against injustice and in their mockery of cant” (New York Times).

Department of Civil Engineering seminar. Guest speaker will be Professor Branko Ladanyi, of Ecole Polytechnique, Montreal, Canada, will speak on Bond Strength of Rock Socketed Piers. Room E4001, Engineering Complex.

Department of Commerce Research Seminar. Dr. David Hayes will speak on Accounting in Organised Anarchies: An Explanation of the Budgetary Process, Room S113, Social Sciences Building.

A residential workshop for people who have some training in psycho-drama and wish to develop further their skills and understanding. At the C.B. Alexander College, Tocal. Organised by the Department of Community Programmes.

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