Publicity for Research Activities

Robyn Williams

Mr. Robyn Williams, of the ABC Radio's Science Unit, spent several hours at the University on October 22. Mr. Williams spoke to some academic members of staff about current research projects and conducted on-the-spot taped interviews. For example, he and the Dean of the Faculty of Science, Professor B. Boettcher, made a tape and he made arrangements with the Head of the Department of Philosophy, Professor C. Hooker, to interview him soon.

Mr. Williams said that it was his first-ever visit to the University and he was quite surprised by the scope of the University's research activities. He will make a follow-up visit next January to record further material. He indicated to the Dean of the Faculty of Science, Professor David Maddison, that one interview will be a feature about the Faculty.

The bulk of interviews carried out by Mr. Williams will be presented on the Science Show (Radio 2, Saturdays, 12.40 pm until 1.30 pm; Tuesdays, 10.15 am until 11 pm), one of the most widely-quoted programmes on ABC National Radio. He presents information about scientific discoveries and theories and gives listeners an awareness of the increasing influence of science and technology in modern life.

Other special science programmes organised by the Science Unit include the Body Programme with Earl Hackett (Radio 2, Sundays, 8.45 am; Thursdays, 5.15 pm), Monitor with Julie Rigg (Radio 2, Mondays, 6.30 pm) Technology Report with Peter Hunt (Radio 2, Wednesdays, 6.30 pm) and Radio Science Bookshop with Kirsten Blanch (Radio 2, Sundays, 1 pm).

Mr. Williams invited staff at the University to have their research made known to the community through ABC radio programmes.

He said those who are interested could contact the Publicity Officer, Mr. John Armstrong, who would inform him in Sydney.

DEATH of EMERITUS PROFESSOR JAMES JOHNSTON AUCHMUTY


At its meeting on October 16, 1981 the Council recorded its sorrow on receiving the news and its appreciation for the life of Professor Auchmuty and his unique and indispensable contribution to the establishment of an autonomous University in Newcastle.

It is expected that a memorial service for the late Professor Auchmuty will be held in Christ Church Cathedral on Thursday, November 26, 1981. Further information will be given in a later edition of University News.

Obituary inside
The Vice-Chancellor reported on a combined meeting of the committee of the Council and the committee of the Council of the Newcastle CAE that were established to consider relationships between the two institutions following the announcement of the Commonwealth Government that the College should be amalgamated with the University.

The Council

- noting the introduction on October 15, 1981 into the Commonwealth Parliament of the States Grants (Tertiary Education Assistance) Bill which will amalgamate the fee systems of the University of Newcastle and the Newcastle CAE from January 1, 1982.

- whilst acknowledging its duty as a responsible public body to take all steps necessary to protect the status, financial and other interests of the University of Newcastle, its members and officers, recorded once again in the strongest possible terms its deep concern at the unseemly haste with which the amalgamation between the University and the CAE is being forced by the Commonwealth Government without due regard to the needs to provide adequate time for full and thorough consultation with (a) two institutions, the University of Newcastle and their officers, and (b) the community particularly through the Hunter Region.

The Council also asked the Vice-Chancellor to seek urgent consultations with the Minister for Education in New South Wales to discuss the need for action consistent with the Council's earlier policy with respect to integration.

The Council also re-affirmed its opposition to the reintroduction of fees for second and higher degree students.

The following resolution was carried:

Council re-affirms its opposition to the reintroduction of fees for second and higher degree students and would, if compelled, collect fees most unwillingly.

A move to have the Council refuse to collect tuition fees was defeated. Margaret Kavanagh, member of the Council elected by students, submitted a petition which supported this action containing about 780 signatures.

In discussion Council was told that the States Grants (Tertiary Education Assistance) Bill, which had been introduced into the Federal Parliament, carried a mechanism by which universities would incur losses of income if they refused to collect the fees.

The University Sub-division of the PSA protested over the Federal Government's policy exempting academic staff of universities from fees but not exempting non-academic staff. Council was told that the policy followed before tuition fees had been abolished in 1974, among other things, exempted members of the full-time non-academic staff who were admitted to formal courses of study in any faculty of the University from course fees.

The Council approved the following new prizes in the Department of Classics:

- The Ann Lowry Memorial Prize for either Part II or Part III Latin.
- The James King Memorial Prize for either Part II or Part III Greek.
- The Hunter District Classical Association Prize for a Part IV subject offered by the Department.
- The Classical Civilisation Staff Prize for Classical Civilisation I.
- The Bart Roos Memorial Prize for Classical Civilisation II.
- The Douglas Ashworth Memorial Prize for Classical Civilisation III.

Senate was told that the prizes had been established through monies donated for the purpose, augmented by donations from members of staff of the Department of Classics.

Council approved the Margaret Pitcher Prizes in the Department of Mathematics for women undergraduates in Mathematics I and Part II Mathematics.

Canon V. Pitcher and his family established the prizes in memory of Margaret Pitcher, a former member of staff in the Department.

A new policy relating to the compulsory payment of the General Services Charge was approved in principle. Council agreed to advise the SRC, the Union and the Sports Union that any representations that they might wish to make would be considered at the next meeting.

The Acting Vice-Principal, Professor K. Douglas, reported that the question of an exemption from payment of the General Services Charge had been raised with the University by a number of students over the last few years, and particularly in the early months of 1981. Such exemptions had been sought on a variety of grounds, including that of course place. The present policy of the University was that payment of the charge was compulsory.

Council resolved that:

- all students proceeding to a degree or diploma of the University be required to pay the annual General Services Charge, provided that the Secretary after consultation with the body concerned may grant exemption from membership of the Newcastle University Students Association, University of Newcastle Union or University of Newcastle Sports Union on grounds of conscience or from the University of Newcastle Sports Union on grounds of physical disability;
- the proceeds of the General Services Charge be distributed amongst University organisations as determined by Council from time to time;
- in respect of a student granted exemption from membership of any organisation on grounds of conscience or from the University of Newcastle Sports Union on grounds of disability, the monies which would have been paid to such organisation(s) from the Charge paid by that student shall be paid into a fund to be used at the discretion of the Vice-Principal for the provision of amenities for students;
- the matter be reviewed in September, 1982, by the Vice-Principal.

The General Services Charge which the University collects on behalf of the Students' Association, the Union and the Sports Union will remain unchanged next year despite requests by the Union and the Sports Union for its fees to be increased.

The annual General Services Charge at present is $120.50 for full-time students and $115.50 for part-time students, together with an entrance charge of $10 for students joining the University for the first time.

The Union requested that Council approve an increase in its fee from $56 to $61 and the Sports Union said it
required an increase in its fee from $41 to $45.10. These would have meant a General Services Charge for 1982 of $129.60 for full-time students, $124.60 for part-time students. Council agreed with the Finance and Personnel Committee that the capacity of students to pay the General Service Charge was an important consideration. It was told that, furthermore, there was reason to believe, for example, that the Union would complete the re-payment of its capital debt in the near future and that the Sports Union had access to other monies and a capacity to vary its charges for facilities in strength in consideration of amalgamation with Newcastle CAE was a probability and this could be regarded as a relevant factor in consideration of the General Services Charge to be applied in 1982.

At its meeting on October 16, the Council resolved to support a petition calling for particular attention to be paid to the effects of the amalgamation of the University and the CAE, that Council pay particular attention to the implications of its policies for women staff and students.

The Council passed the following resolution:

that in the event of any declining educational and employment opportunities consequent on the proposed amalgamation of the University and the CAE, the Council pay particular attention to the implications of its policies for women staff and students.

Presenting this motion, Mrs. Mary Rabbitt said that it was encouraging to hear about positive steps being taken by Commonwealth and State Governments to overcome the disadvantaged situation of women students and staff. Moreover, the Acting Vice-Principal, Professor K. Dutton had suggested steps which the University could take to foster a more informed approach to the problems faced by women on the campus.

However, Mrs. Rabbitt said, the steps taken and proposed failed to address the immediate problem at hand, that is, the proposed amalgamation and the negative consequences amalgamation could herald for women students and staff, including any associated job loss or limitation of employment prospects.

In the event of the amalgamation with the CAE, this University will become responsible for the existing and future education and employment prospects of not only the University's existing women students and staff members, but also of large numbers of CAE women students and staff.

Council fixed the 1982 undergraduate basic residence fee for Edwards Hall at $60, a rise of $9 on the fee charged this year. At this level of fees Edwards Hall is expected to have an income of $486,116 and an expenditure of $493,917, leaving a deficit of $7,801 for the year. Council was told that the substantial increase in the residential fee had arisen because of the cost increases, the imposition of a 25 per cent surcharge on the cost of gas, the Council's decision to introduce a University Service Fee at the Hall and the decision to create a new staff position in the office.

Public Meeting

A public meeting is to be held in the City Hall to launch The Friends of the University. The public meeting will be held in the Council Chambers and will be chaired jointly by the Lord Mayor, Allan L. Stanley and the Chancellor of the University, Sir Bede Callaghan.

Among other things, the new support group intends to open up avenues for more people to become involved in the University.
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At its meeting on October 16, the Council resolved to support a motion calling for particular attention to be paid to the effects of the amalgamation of the University and the CAE on female staff and students.

The Council passed the following resolution:

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Among other things, the new support group intends to open up avenues for more people to become involved in the University.

It is hoped that The Friends of the University will enjoy wide support and interest, both from the University and the Region.

Venue: Council Chambers
Date: November 4
Time: 7.30 pm

Further information may be obtained from: Mrs. Lorna George (telephone: 52 4175), Mrs. Lesley Angus (telephone: 43 4360) or Mrs. Shirley Morris (telephone: 48 8629).

DEANS appointed

The Faculty Board, Faculty of Education, has elected Professor J.B. Biggs Dean of the Faculty of Education from January 1, 1982 until December 31, 1984.

The Faculty Board, Faculty of Science, has elected Professor W.F.J. Pickering Dean of the Faculty from January 1, 1982 until December 31, 1984.

Dr. R.A. Fredlein has been elected Sub-Dean for the same period. With the agreement of the present Dean, Professor B. Boettcher. Dr. Fredlein will begin his term of office as Sub-Dean on November 1, replacing Dr. T.K. Roberts.
Principals of Newcastle and Hunter Valley High Schools met with senior academic and administrative members of the University's staff on October 21 and discussed matters of interest to school students who want to enrol at the University.

The Principals, members of the Hunter Region Secondary Principals' Council, were told about the general situation pertaining to the University and its future, career opportunities for graduates, forms of co-operation between the Department of Education and schools, aspects of teacher training, the statistics of student performance, the quota for students entering Electrical and Computer Engineering courses and other matters.

The Deputy Chairman of Senate, Professor Michael Carter, who welcomed the Principals, spoke of the problems facing the University and assured the Principals that there was great determination to overcome them.

"As a consequence of the Federal Government's decision to reduce funding for tertiary education, the University has been compelled for some years to freeze lectureships and certain other positions as they become vacant", he said.

The available position for the next triennium was still unclear, but cuts in funding of 2.7 per cent in 1982, 2 per cent in 1983 and 1.0 plus per cent in 1984 were expected. Such cuts were very severe for a university with expenditure heavily committed to salaries.

Professor Carter noted that the University had been very much the outcome of local community effort. "We are determined to see that vital decisions have to be made in order to survive".

Turning to the issue of the amalgamation of the University and Newcastle CAE, he made it clear that amalgamation had been forced on the University by Federal Government decree. There had not been any consultation, one would have envisaged to have been necessary.

"Our concern is that a recognisable and recognised university institution will remain in the Hunter Region, that is, recognisable and recognised in both Australian and world contexts.

"Professor Carter told the Principals that the University's proposed mode of amalgamation with the CAE guarantees the continuation of Advanced Education-type courses. After amalgamation there would be an opportunity for new teaching and research developments which are not possible at present.

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In response to questions, Professor Carter added that there was no intention of changing the name of the University of Newcastle. The College of Advanced Education would be merged into the University and become part of its identity.

"The Careers and Appointments Officer (Mr. H. Floyer) reported that the so-called "boom" in the Hunter Valley had not produced any dramatic upsurge in the demand for graduates of the University. However, there had been a strengthening in the number of opportunities available to graduates from Engineering, Geology, Commerce-Accounting and Computer Science and students who completed courses in these disciplines at the end of 1980 had had little difficulty in obtaining employment. Nearly all the Engineering and Commerce-Accounting students who would graduate at the end of 1981 and the end of 1982 would be employed, or under offer of employment, by the time their final examinations were finished.

Mr. Floyer revealed that young graduates were reluctant to leave the Newcastle area. "As the range of economic activity in the Newcastle area is fairly narrow and, in some cases, the volume is fairly small, those people with skills or interests not catered for locally have to find employment elsewhere".

"In recent years", Mr. Floyer said, "the University has been short of good, young Arts graduates to enter the many traineeship positions offered in the private enterprise sector. Management, advertising, market research, product management and sales controller are types of positions becoming available in increasing numbers as the basic nature of the Australian economy changes. Talented and appropriately educated Arts graduates will find very rewarding careers in these areas. "Teaching is still the ambition of many young people leaving High School. Experience over the last two or three years has shown that intending teachers should select their courses of study in Arts, Commerce, Mathematics or Science in such a way that other avenues of employment can be entered after graduation if it is then thought wise to proceed with teacher training".

Mr. Floyer added that some resistance had been built up in the labour market to persons with teacher training qualifications, because there was the fear that upon being offered a position as a teacher, the position would be accepted. Time and money invested in that person by the employer was then wasted.

The Dean of the Faculty of Science, Professor B. Boettcher, replying to a principal who asked for information on the effect of the reimposition of fees for second and higher degrees, said that about half of the research output of Australia was carried out by postgraduate students in our universities and any reduction in output would mean a serious loss to Australia.

It was not only full-time postgraduate students who were involved, he said. An appreci-
Visiting Fellow

Visiting Fellow

Dr. Short

The Faculty of Medicine currently has in residence a W.K. Kellogg Visiting Fellow, Dr. Tony Short, B.Sc., M.D. (Liverpool), Senior Lecturer in Physiology in the University of Nottingham, England.

Dr. Short is spending three months in Newcastle from September 1, 1981. He qualified in Liverpool in 1961 and after his house-jobs taught there until 1969 when he joined the new Medical School at Nottingham.

Dr. Short was able to bring his family to live at Coal Point for part of his visit by exchanging houses with an Australian family. His main research interests are in membrane transport of substrates and drugs in the liver and placenta. Through his association with curriculum and assessment development at Nottingham, Dr. Short has developed interests in novel learning situations such as games and problem-centred group work, as well as a concern about the minority of students who dislike such situations.

His task at Newcastle is to contribute to the development and elaboration of computer-assisted instruction techniques with specific reference to the medical sciences input in the final phase of the Newcastle curriculum. This requires him first to immerse himself in its distinctive operations by working as a Term 6 tutor, and by sitting in on planning and evaluation meetings. He intends that Nottingham should also benefit from his close involvement in this novel undergraduate programme.

Professor K.R. Dutton has been appointed Vice-Principal and Deputy Vice-Chancellor of the University. He will take up his duties on January 1, 1982.

Professor Dutton, currently Acting Vice-Principal, is 43. He has been Professor of French at the University since 1969. He holds a Master of Arts degree with Honours Class I and the University Medal from the University of Sydney, and a doctorate of the University of Paris. He is also a Fellow of the Australian College of Education, and is the author of a number of books and articles on French language and literature.

Professor Dutton is a former Dean of the Faculty of Arts at the University of Newcastle and a former Deputy Chairman of the Senate. He was Warden of Convocation from 1974 until 1976 and Vice-President of the Staff Association from 1977 until 1980. A member of Newcastle University Council on two occasions, he was formerly a member of Council of Macquarie University. He has also served as President of the Australian University Graduate Conference and of the Australasian Universities Language and Literature Association.

In appointing Professor Dutton Vice-Principal and Deputy Vice-Chancellor, Council decided that there should be one appointment at this senior administrative level and that the position should be a full-time one.

Professor Dutton was also appointed to a Personal Chair in French.

By-law amendment

At its meeting on October 16, 1981 the Council gave interim approval to a proposal to amend By-law 3.8.2.2. The by-law currently provides that technical, clerical, domestic, outdoor and other staff of the University are to be appointed and dismissed on the recommendation of the Head of the Department in which they are located. The proposal is that the Vice-Chancellor's recommendation be required instead.

Final approval has been delayed until the Council meeting on December 11, 1981 to give members of the University an opportunity to comment. Comments should be sent to the Secretary to the University and should reach him no later than December 1.
OBITUARY

JAMES JOHNSTON AUCHMUTY

While all who knew the Foundation Vice-Chancellor, Professor J.J. Auchmuty, were saddened by his death, members of the Department of History who were privileged to come into close contact with his extraordinary mind feel a special sense of loss.

James Johnston Auchmuty, C.B.E., F.A.H.A., was born on November 16, 1899, the son of John Auchmuty, of Canon J.W. Auchmuty of Portadown, Northern Ireland. After attending Armagh Royal School he went to Trinity College, Dublin where he achieved the highest academic distinctions and also began in the College Historical Society (the equivalent of the Oxford Union) the self-education in the working of the political mind which contributed so much not only to his success as the founder of the University of Newcastle, but also to his essentially humane philosophy of history. From 1936 to 1946 he lectured in Education at Dublin, and from 1946 until forced to leave in 1952 he was Assistant Professor and Head of the Department of Modern History at the University of Alexandria, Egypt. In 1952 he was appointed Senior Lecturer in History in the then New South Wales University of Technology, and he became Head of the Department of Arts in the Newcastle University College in the inauguration of Arts courses in 1954. He subsequently became Deputy Warden and Warden of the College and as the Vice-Chancellor of the University for its first 10 years is too well known to need recounting. The high standards of success he achieved in the very bricks and mortar of its buildings and, more importantly if less obviously, in its spirit.

He was also, however, right through this long period, Professor of History, and although his other responsibilities forced him to relinquish control of the Department to his esteemed friend, the late Geoff Cranfield, his intellectual influence in it remained. At the centre of this influence was his all-embracing humanism, and he had no patience with any ideology which by implication denied the priority of the individual. His conviction that man was the reality behind all history led him to view history as a continuum which allowed the past to irradiate the present and the present to feel an empathy with the past. By impressing this on his colleagues, not only in Newcastle but in Australia generally, he made a great contribution to Australian historiography. One of his published works after his arrival in this country urged historians to see Australian history, always in danger from myopic parochialism, as an integral part of European history, and, therefore, in turn, of the whole world.

His concern with the human individual at the core of society and culture revealed itself clearly in his 'warts and all' view of history. Men were men, and always had been: they were to be seen as such, not judged against some fabricated archetype and condemned to be found wanting. James Auchmuty was always highly realistic in his assessment of others, whether past or present, and he had no sympathy with those who dispersed of man because of his imperfections. He blamed such things as disillusions, immobillising depression and cosmic dread on a refusal to accept humanity for what it was, rather than what it ought to be: he regarded all such alienations as self-inflicted injury of the human spirit. This total lack of pessimism made him a source of strength upon which one could draw when in need of reassurance about the human condition. Since man, he maintained, created society he must not lose faith in it.

Throughout his career in Newcastle he held regular Thursday lunch-hour meetings in his study for his departmental colleagues where he conducted lively and wide-ranging debates, frequently astonishing us with his grasp and knowledge of our own special fields. Most significantly these meetings reminded us weekly that our little corners of historical research and concern were but parts of a greater and enduring complex of historical experience. No matter how specialised or unique our topic may have seemed to us, he could always point out obscure origins, forgotten links, unexpected parallels or unimagined consequences; and at all times his understanding of the resources of his library produced instantly, on request, documentary support of whatever point he had been making. In his hands the Dictionary of National Biography, the Annual Register and Burke's Peerage constituted a weaponry of irresistible power.

One came away from these meetings feeling that the discipline was alive and well, and that it was concerned with the significant range of the past but with enhancing the values of a real and on-going world.

One of the major benefits of these Thursday meetings was an appreciation of what might be called the historiographical mode of understanding both past and present society. James Auchmuty was a biographer at heart, and could see his contemporaries, whether distinguished senior colleagues or recently appointed juniors, as subjects of unfolding and as yet uncompleted histories. Sharing his vision gave a rare historical significance to the image individuals had of themselves in his presence, part of the historical process itself. It was this way of looking at people that made manifest one of his main attributes: his generosity, his ability to learn and remember the details of the lives and careers of even his newest colleagues. In this way he had the opportunity of showing a sympathetic concern for their welfare. He had a genius for encouraging people to have confidence in themselves.

So thoroughly steeped was he in the history of human behaviour, with all its variety, that nothing a man did or said could take him by surprise. It had all happened before, if not in his own direct experience then in the past; the pattern was recognisable, the motivations familiar, the historical significance of even random events assessable.

James Auchmuty was a passionate believer in academic freedom, although he did not mean by that the right to be socially irresponsible. He saw a University as a place where there must be room for all research. One of the remedies for a particular bias was to make available an opposite or alternative view. The result of this belief for the Department of History is the current wide spectrum of philosophical views to which a student in the Department is exposed. It is a significant range of the subjects it offers. He was himself, a man of deep liberal sympathies, with a strong sense of justice. He was immensely tolerant of all but the deliberately dishonest, and he recognised and defended the need
for other individuals to live as they thought proper, provided they did not seek to destroy the rest of society upon which we are all dependent for survival. When a colleague was threatened with an injustice, he would defend him with all his energy and authority, even in cases where the values and beliefs of the victim were totally opposed to his own. Those who know the facts of some of these cases continue to marvel at such humanity.

There were other characteristics which contributed to his great achievements. He was a thorough pragmatist in his dealings with people of distinction and power. His historical understanding of the functioning of society gave him an appreciation of the nature and tone of any community he encountered, and his intense interest in the methods by which men and groups pursue their interests helped him greatly to identify the patterns of power and influence present in it. In the practical world he used this ability to marshal support for his objectives concerning this University, and with skill and diplomacy created common ground upon which people normally suspicious or hostile could meet. This understanding of the necessity for compromise at the heart of all stable societies was manifested in his own behaviour when engaged in conflict or argument. He never humiliated a defeated opponent; nor did he harbour resentment against those who, very occasionally, got the better of him. This was of enormous value to him, not only within the small world of the Department but also in his necessary dealings with those who possessed the power, political or industrial, to help or damage the University.

It is nearly impossible to convey to those who did not know him any real sense of his enormous vitality, the irresistible energy and the dynamic humanity that made acquaintance with him a profound influence upon so many. We can only emphasise his passionate conviction that men count in the scheme of things, and that their great duty is to exert themselves to the utmost in the world.

We tend to see death as tragic, but it is doubtful that James would have agreed. To him the real tragedy was life not lived to the full: the one unsatisfying feature of human existence that life is too short to achieve all we are capable of achieving. In this sense we can say with conviction that his life was satisfying to him, since he was at full stretch right to the very end. His last six weeks were extraordinarily busy, involving a trip to Britain during which he covered great distances and visited many centres in the course of his research into the history of his distinguished family. He paused, as always, before the evidence of great men of the past, spending an hour examining the grave of William Bligh in the parish churchyard at Lambeth, visiting Broadlands, the home of Palmerston and later of Mountbatten, working profitably in the College of Heralds, and, in the intervals, reading the latest reviews of the works of his erstwhile colleagues, with whom he never lost touch.

After that he flew home to launch a Curriculum Development Teaching Kit on the Commonwealth, to coincide with the meeting of the Heads of Government of that organisation, for the future of which he had great hope. Finally, before his departure for America, he went to Whyalla to speak to a gathering of teachers.

In the last letter received from him, written a night before his death, he said: "As you know, if you are to get any work done time is the essence of the case and I just did not have enough of it". Not enough perhaps do as much as he wished, but he made splendid and inspiring use of that time which was vouchsafed to him. If you wish to remember him, look about you.

JPSB
WGM

Professor Auchmuty posing with a workman and a chainsaw for the press during work on site preparations for the Great Hall project in 1971.
The general objectives of the Australian-Asian Universities Co-operation Scheme (AAUCS) are to assist in the upgrading of national academic technical and administrative staff in overseas universities. This is done by setting up training courses both in Australia and the countries concerned, arranging visiting assignments and seconding Australian staff to overseas universities and providing postgraduate fellowships.

Some steps have already been taken by AAUCS to assist universities in Papua-New Guinea. At present short-term secondments of less than three months are being negotiated for an economist, a planner, an animal nutritionist, an analytical chemist, a cataloguer, a book binder, and help is being given in filling several vacant chairs.

It is likely that many further requests will be made in a large number of disciplines and a few administrative and technical posts. Some possibilities include a geographer in transport and development, a food technologist, a lecturer in engineering economics and transport, an instrument physicist, and an economist with experience in taxation.

The Australian-Asian Universities Co-operation Scheme would also welcome enquiries from persons within the academic community who may be interested in taking part in academic staff development projects in Indonesian universities. AAUCS has been operating in Indonesia for some 11 years. A wide range of disciplines is embraced under the Scheme, including the plant and animal sciences, population studies, agricultural economics, the basic sciences, food science and technology, English language and library and technical services.

Within a range of activities programmed by AAUCS are Visiting (Advisory) Assignments which are normally for periods of from 30 to 90 days. These are undertaken by Australian academics who contribute to an Indonesian faculty or department by teaching, conducting staff seminars and advising on research, curriculum development and technical and other support services.

Indonesian authorities have asked for visiting assignments during 1982-83 in the following fields:

- Horticulture
- Crop Ecology
- Agrometeorology
- Animal Parasitology
- Animal Husbandry
- Management and Agricultural Economics

Initial enquiries about the secondment opportunities in Papua-New Guinea and the assignments in Indonesia may be made to the AAUCS Academic Liaison Officer, Peter Irwin, C/- the Department of Geography, Extension 774.

Rotary Scholarship

Well-known former Science student, Mr. Bruce Cook, has won a Rotary Scholarship to undertake a Master of Science degree in the United States.

A Senior Technical Officer with the Blood Transfusion Service of Royal Newcastle Hospital, Mr. Cook is hoping to be able to work with Professor P. Issitt, a specialist on immunohaematology, at the University of Florida. If he cannot he will undertake the M.Sc. degree at Wayne State University in Detroit.

In the United States he also expects to do a specialist examination in blood transfusion under the supervision of the American Society of Clinical Pathologists.

Mr. Cook will leave for the United States in September next year and will return to Newcastle approximately 20 months later.

"While in the States I will learn about advanced research theories that have not yet been investigated in Australia and go to as many conferences and seminars as possible", he said. "On my return to Newcastle, I will enrol, hopefully, for a doctorate at the University".

Bruce Cook (left) and a colleague at the Blood Bank at Royal Newcastle Hospital.
Coal Research Challenge

The contaminants in coal pose operational and environmental restrictions on the expansion of the use of coal for energy. That being the case, the Institute of Coal Research sees its research to minimise the problem as one challenge facing it.

According to the Director of the Institute of Coal Research, Dr. Terry Wall, research into contaminants in coal is an example of the contributions the institute can make to local and national needs.

At the official launching of the newly-established ICR in the Great Hall on October 23, guests were welcomed, the organisation's framework and objectives were described, industry's requirements were outlined and the new Institute was toasted.

The Institute has been established by the Council of the University to produce effective interaction between industry, Government and researchers at the University who are working in coal. The Institute is in a unique position to slot into the local and national coal research scene.

At a meeting before the launching, members of the Board of the Institute elected Emeritus Professor Ian Stewart Chairman of the Board. Professor Stewart, who was the University's Foundation Professor of Chemical Engineering, noted with satisfaction the significance of October 23, 1981. In the words of the Foundation Chairman: "We now have a full research institute, comprising a board, an executive committee, subscribing industries and staff - the outcome of an enormous amount of work by a number of dedicated University people".

The Vice-Chancellor, Professor George, welcomed the several representatives of outside organisations and said it was a great pleasure for him that after a long gestation the Institute had reached fruition.

The Electricity Commission of New South Wales, Esso Australia Ltd., and the Shell Company of Australia Ltd. have become Subscribing Members of the Institute. Other firms which intend to similarly become involved in the Institute's activities are the Australian Coal Industries Research Laboratories, the BHP Co. Ltd., CRA, R.W. Miller & Co. Pty. Ltd. and Coal & Allied Operations Pty. Ltd.

The following representatives of outside associations contributed speeches at the launching: Mr. W.N. Darby, Manager - Coal Technology, The Shell Company of Australia Ltd., Mr. J. Webb, Executive Engineer, Electricity Commission of New South Wales, and Mr. L.G. Gore, Manager, Australian Coal Industries Research Laboratories.

Dr. Wall has explained:

"In the use of coal, contaminants determine the wear of crushing systems and boiler tubes, the fouling of furnaces, the lifetime of refractories and construction materials and the final pollutants emitted as wastes. At present the successful operation of power stations, metallurgical furnaces and industrial boilers depends on designs and operations in which uncertainties in allowances for these effects are common due to an inadequate basic and engineering knowledge."

A new Diploma in Coal Geology is to be offered, and a Master of Engineering Science with options in Coal Technology is also proposed for 1982. Both courses are offered principally for part-time studies for geologists, metallurgists and engineers who wish to develop or expand their knowledge in an area of increasing employment opportunities.

Concerning Australia's good reputation in the field of coal research, Dr. Wall pointed out that the University had made a substantial contribution to the area of coal combustion, coal geology and storage and transport.

Pictured at the launching of the Institute of Coal Research were representatives of the University and outside organisations. The Institute is intended to co-ordinate research into coal. Outside organisations are represented on both the Board and the Executive Committee. From left: Professor D. George, Mr. J. Webb, Emeritus Professor I. Stewart, Dr. T. Wall, Mr. W.N. Darby, Mr. L.G. Gore and Mr. G.A. Andrews.

INTERNATIONAL NEWS

Listed below are requests and items of international news. If you would like further information, please contact the Secretary, AVCC, P.O. Box 1143, Canberra City, A.C.T. 2601; or write direct as indicated.

The AVCC has received preliminary notice that some 500 new Overseas Research Students Awards will be offered by universities and colleges in the United Kingdom in 1982 to overseas postgraduate research students of outstanding merit and research potential.

Each award will cover the difference between the tuition fee for a home postgraduate student and the "full-cost" fee chargeable to an overseas postgraduate student.

The only criteria for the awards are outstanding merit and research potential, and they may be held in any field of study.

Further details will be available by December 15 from the Committee of Vice-Chancellors and Principals, 29 Tavistock Square, London, WC1H 9EZ, England.
**SPORT**

**SPORTSMAN'S BAR** - Now is the time to make arrangements for end of term or Christmas functions. Please telephone Mr. John Hay at Extension 500.

**PAVILION SPORTS SHOP** - New stock - Rock-bottom prices - buy now and avoid the Christmas rush! The shop is open for business from 9 am until 10 pm seven days per week.

**CAMPING** - The Sports Union Recreation Organisation will arrange a week-end camp, at Smith Lakes Research Centre, on November 27, 28 and 29.

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**Historian's Visit**

At a luncheon in the Southern Cross Lounge in the Union on November 11, the distinguished Australian historian, Emeritus Professor Russell Ward, will speak on Constitutional Reform.

Professor Ward, who retired from the position of Professor of History at the University of New England in 1979, was born in South Australia and was educated at Wesley College, Perth, Prince Alfred College, Adelaide, and Adelaide University, where he was awarded a M.A. in English and History.

He taught at Geelong and Sydney Grammar Schools in the late thirties and then served in the A.I.F. in the Second World War.

After the war he taught for the New South Wales Education Department and became increasingly involved in politics. Speaking at his farewell at the University of New England he remembered that the U.N.E. had given him a job 23 years ago "when some other Australian universities would not, and the rest did not". He joined the University after being awarded a Ph.D. degree by the Australian National University for a thesis which formed the basis of his best-known historical work, *The Australian Legend*.

In more than 20 years, this book has done much to encourage debate among historians about the evolution of an Australian sense of identity.

The *Australian Legend* in large part is based on Russell Ward's interest in Australian folk ballads and bush songs of the nineteenth century.


Professor Ward's visit has been organised by the Eleventh of November Committee, which comprises several members of the University who believe that the constitutional problems highlighted by the events of November 11, 1975 need to be kept in the open and not forgotten.

Further information is available from the Student Administration Office. (Mr. W. Rigney)

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**Departmental Heads**

As the Regulations Governing Departments currently stand, the process to determine who is to be Head of Department must be completed before the end of his predecessor's term or office. This inflexibility has created a number of problems in the past. The Council now proposes to introduce some flexibility into the regulations.

Under the new proposal an appointment as Head would be made not later than six months after a vacancy arose in the office. In the interim period the Vice-Chancellor would be empowered to appoint an Acting Head of Department.

In addition the fixed three year period of office will be changed to a maximum period of three years, allowing Council to make appointments for a shorter period in appropriate cases.

Comments have been invited by the Council on this proposal before final approval is given at its meeting on December 11, 1981. Comments should be submitted to the Secretary to the University no later than December 1.

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**SCHOLARSHIPS**

Australian Institute of Nuclear Science and Engineering AINSE Postgraduate Research Studentships - 1982

A candidate must be nominated by a university in Australia with which he wishes to enrol for a higher degree, and must hold the degree of B.E. or B.Sc. (Hons.) before commencing tenure, before June 30, 1982.

Duration of tenure is at the Institute's discretion and the expectation being that the requirements for Ph.D. will normally be completed within three years of postgraduate study.

The stipend is $5,105 p.a. plus dependant's allowances.

Applications close on November 14 with The Executive Officer, Private Mail Bag, P.O. Sutherland, N.S.W. 2232.

Further information is available from the Student Administration Office. (Mr. W. Rigney)

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**Opening**

The official opening of the University's Clinical Sciences facilities at Royal Newcastle Hospital (NECH) 1 is scheduled for November 25. The opening will be performed by the Governor-General. All sections of the building should be completed by that time and landscaping work should be completed.
A Ph.D. student in the Faculty of Medicine has won a prestigious National Heart Foundation Overseas Fellowship. He is Tony Quail, Senior Anaesthetic Registrar at the Royal Newcastle Hospital. As well as being the first National Heart Foundation Overseas Award to be made to the University's Medical School, it ranks among the most sought-after awards for young scientists in Australia working in the field of cardiovascular physiology. Moreover, it is rare for a NHF Fellow to be pursuing research in the discipline of anaesthesia/surgery.

Tony Quail's award is for two years. The first year will be taken up in the Nuffield Institute for Medical Research at the University of Oxford working with Professor G.S. Dawes on aspects of the embryological development of central nervous cardiopulmonary control systems.

In the second year he will collaborate with Professor P.I. Korner at the Baker Medical Research Institute in Melbourne on extensions of the work.

Tony Quail is currently completing his Ph.D. on central modifications of cardiovascular chemoreflexes by intravenous clinical induction agents such as alfathesin and fentanyl, which have molecular configurations similar to natural steroids and enkephalins respectively. The work involves insight into possible interactions with the central neurotransmitters, noradrenaline and 5-hydroxytryptamine, and has been carried out in Professor S.W. White's laboratory using conscious rabbits as models of the human control system, and in man.

Tony will leave for Oxford with Alison and their two children in the New Year. Our congratulations and best wishes go with them.

1976 ESCORT PANEL VAN - $2,100 or near offer. Please telephone Extension 601 or 67 5697.


ACCOMMODATION

FOR RENT - Three bedroom Terrace home, Eight minutes from University. Available from mid-December. $95 per week. Please telephone Extension 601 or 67 5697.

FOR RENT - Three bedroom brick home. Family flats are available on Melbourne's youngest university campus, 15 km (only 25 minutes by freeway) from the City. Each self-contained unit has six to 12 comfortable bedrooms. If you wish to dine-in take advantage of a modern, fully-equipped kitchen. The charges: Daily - adults $7, children over 12 - $2, children under 12 no charge. Weekly - adults $4, children over 12 - $14, children under 12 no charge. Students considerably cheaper. A Ph.D. student in the Faculty of Medicine has won a prestigious National Heart Foundation Overseas Fellowship. He is Tony Quail, Senior Anaesthetic Registrar at the Royal Newcastle Hospital. As well as being the first National Heart Foundation Overseas Award to be made to the University's Medical School, it ranks among the most sought-after awards for young scientists in Australia working in the field of cardiovascular physiology. Moreover, it is rare for a NHF Fellow to be pursuing research in the discipline of anaesthesia/surgery.

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NEW ZEALAND - Furnished student flats are again available during the summer vacation from December to mid-February at the University of Waikato, in the central North Island of New Zealand. These self-contained modern flats are fully equipped for occupation on motel principle, and available for two, three or four people, for periods of three nights or longer. Booking must be made in advance, and full details of charges and availability can be obtained from: The Registrar, University of Waikato, Private Bag, Hamilton, New Zealand.

University of Newcastle Wine Glasses and Juice Glasses - $2 each (6 for $11) are available from the University Women's Group. Please telephone Gail Johnston 66 1760, or Kerr Johnston in Mechanical Engineering.
TENDER - UPRIGHT PIANO
The University Child Care Centre has for sale one iron frame, upright piano.
The piano can be inspected at the Child Care Centre by arrangement with the Director Mrs. Williams (telephone 67 3475).
Tenders should be forwarded to the Purchasing Section in a sealed envelope marked "Tender for Piano", and will be accepted up until 11.30 am on November 13, 1981.

DIARY OF EVENTS

SUNDAY, NOVEMBER 1
8 pm
Newcastle Film Society presents: TO MY BELOVED (USSR 1978) - Ilya Averbach.

MONDAY, NOVEMBER 2
8 am
Annual Examinations

FRIDAY, NOVEMBER 6
7.45 pm

SUNDAY, NOVEMBER 8
8 pm
Newcastle Film Society presents: TRAFFIC (France 1971) - Jacques Tati.

FOUND
Found somewhere on campus and circulated in an attempt to find an owner is a two-page document, "Appendix 10", which presents lists headed, "Borehole", "Grid Locality". Would the owner please collect this from the Publicity Office, G58 (a) or 660, in the McMullin Building.

WANTED TO RENT - Three bedroom home close to beach. House is required for six weeks (December-January). The house is required for Dr. Hans Tinneberg and his family from west Germany. If you can help please telephone Extension 577.

MONDAY, NOVEMBER 9
11 am

SUNDAY, NOVEMBER 15
8 pm
Newcastle Film Society presents: DERSU UZAL (Japan/USSR 1975) - Akira Kurosawa.

SUNDAY, NOVEMBER 22
8 pm
Newcastle Film Society presents: COUSIN COUSINE (France 1977) - Jean Luc Tacchella.

SATURDAY, NOVEMBER 28
10.30 am
Ordination to the Priesthood of the Reverend James Bromley (University Chaplain) - Christ Church Cathedral.

First Mass of a New Priest (celebrated by Father James Bromley, Anglican Chaplain to the University) - St. George's Church, Stewart Avenue, Hamilton South. (All members of the University are cordially invited)

TOWN and GOWN DINNER to be held by The Hunter Valley Branch of The Australian Federation of University Women. Venue: Edwards Hall. Cost: $22.50 per guest. The guest speaker will be Professor K.R. Dutton. Dress: Formal/Academic. Proceeds to the Friends of the University Fund. Enquiries should be directed to Gwen Hamilton 43 8825 or Gay Reeves 685 463 (Uni) or 52 3174 after hours.