LARGE GRANT FOR NEWCASTLE RESEARCH

The University of Newcastle has been awarded $66,370 by the National Health and Medical Research Council for research in 1978.

The grants have been made to five members of staff who are researching projects. They are:

- Professor B. Boettcher, of the Department of Biological Sciences, for continuing work on Genetic markers in Australian Aborigines and investigation of tribal structure, $33,773.
- Dr. T. Morgan, of the Faculty of Medicine for continuing work on Control of water Metabolism, $15,067 ($15,702 in 1979).
- Dr. P.J. Quinn, of the Department of Biological Sciences for continuing work on Fertilization and development of ovarian oocytes matured in vitro.
- Dr. T.K. Roberts, of the Department of Biological Sciences for work on Induction of cell-mediated autoimmunity to spermatozoal antigens following vasectomy, $8,640.
- Professor S.W. White, of the Faculty of Medicine for work on Neural and non-neural cardiovascular effects of new anaesthesia induction agents in men, $3,000 ($3,300 in 1979).

SENATE DECISION

At its meeting on November 2, 1977 the Senate approved a proposal that any student who does not wish to have his name and results included in any order of merit listing displayed on a notice board may apply to the Head of Department who will arrange for the student's name and results to be omitted.

NEWTON-JOHN AWARD

This small bronze sculpture by Newcastle artist Marilyn McGrath will be presented by Convocation to the next recipient of the Newton-John Award. Convocation is presently considering nominees for the Award and intends to make a presentation to the person selected early next year. Named after the University's former Vice-Principal, the Newton-John Award recognises graduates of the University and Newcastle University College who have made a substantial contribution by way of innovation or creativity in any field towards enhancing the quality of life in the community.
OFF TO SINGAPORE

Mr. D.J. McKee, Lecturer in Commerce, will spend three months in Singapore because of the Australian-Asian Universities Cooperation Scheme.

Mr. McKee leaves shortly for Nanyang University where he will lecture for the Department of Industrial and Business Management on advanced business finance.

Nanyang University invited Mr. McKee to accept secondment as part of the Australian-Asian Universities Cooperation Scheme, administered in Australia by the Australian Vice-Chancellors' Committee.

Professor B.T. Colditz, Associate Professor in Commerce, was attached to Nanyang University for a brief period a year ago. He conducted final year Accounting Theory courses and gave advice on the administration of the University's Department of Accounting.

Professor Colditz was responsible for the offer of secondment being made to Mr. McKee.

STAFF MEMBER'S BOOK RELEASED

November 7 saw the publication in England of a book by Dr. Michael Ewans, Lecturer in the Department of Classics, on Janáček, death and Czech composer. Dr. Ewans lectures in the Department of Drama as well as in Classics and specialises in the teaching of Greek Tragedy and Modern Opera.

Janáček's Tragic Operas is the first study in English to offer a detailed and accurate companion to Janáček's mature serious operas, which have commanded more and more enthusiasm in the West since the Second World War. Two of the operas studied in the book have been produced by the Australian Opera Company: Jenůfa in 1974, 1975 and 1976 and The Cunning Little Vixen in 1973. All six are available here on records, imported from Czechoslovakia.

Michael Ewans read Classics at Oxford and then studied tragic drama for his Ph.D. at Cambridge, under the supervision of George Steiner, the well-known author of The Death of Tragedy and several other studies in modern culture.

Janáček's Tragic Operas is the fruit of ten years' listening and studying, two visits to the Janáček archives in Brno, Czechoslovakia.

In his book, Dr. Ewans describes the essential conditions for tragedy in the theatre and shows how Janáček came to realise its characteristic effect in the musical idiom of his operas. Each of Janáček's operas is a profound dramatization of real human problems, and in each of them Janáček used his music not only to illuminate the tensions which we undergo in our lives and their tragic effects, but also to give us understandings of our wider surroundings, the eternal natural patterns of life, death and reality against which we need to measure ourselves in order to gain a true moral maturity.

The book comments on the action of Janáček's six masterpieces, discussing the human issues raised by the story of each opera and the ways in which Janáček's music communicates what he has to say about them.

Dr. Ewans states that Janáček's Tragic Operas is not a difficult, technical book, but a lucid discussion of human issues which profoundly affect our lives and of the almost miraculous insight which this composer has to offer to those who love his music. The book has been published by Faber and Faber and will be available in Australia from early February, priced at around $25.

WHAT IS FM RADIO?

FM Radio will be explained at a meeting in the NEA Adult Education Centre, 61 Union Street, Newcastle, on Thursday, November 30, at 8 p.m.

The University expects to begin broadcasting high-quality FM radio in the Newcastle and Hunter Valley area in December. In many parts of Newcastle it is also possible to receive the ABC's FM station from Sydney.

The evening has been planned to explain the possibilities of the medium and to explain to people the equipment required to receive high-quality FM broadcasts.

Mr. John Bracken, Supervisor of Technical Services, ABC Newcastle, will explain in simple terms details of the FM system and will look at aerials, tuners and equipment required. It is hoped that some equipment will be on display and a film may also be shown.

Mr. John Hill, Station Manager, Radio 2 MNR-FM, will give details of the program policy of the new Newcastle University radio.

Both speakers will answer audience questions on all aspects of FM broadcasting.
SOCIOLGY AUGMENTS ITS PROGRAMME

Among the academic developments planned by the University next year is the introduction of Sociology 11A. Established in 1976, the Department of Sociology first offered Sociology I this year and intends to continue by offering Sociology I again next year. The Honours programme is already available. The Department also envisages a full research programme; already there are postgraduate students and research assistants in progress in a number of fields.

Dr. Geoffrey Samuel, B.A. (Oxford) in Social Anthropology, Ph.D. (Cambridge) and Dr. John Smart, B.A. (Sydney) join the Department's teaching staff early next year. Dr. Samuel was born in Leeds. His doctoral research was carried out with Tibetan refugees in India and Nepal in 1971-72, and led to a thesis on religion and society in traditional Tibet. His present research interests are in Asian society and religion, especially Buddhism and Hinduism; ethnomusicology; the sociology of knowledge; and the anthropological study of modern society. Dr. John Smart was born in New York. The fieldwork for his doctorate involved four years' study of family and kinship amongst the Karaganaw Isneg, one of the most isolated peoples in the Philippines. He has published papers in the fields, inter alia, of Family and Kinship and the Sociology of Science.

THE CREDIT UNION

If you are thinking about the expense of Christmas, or how you will meet your commitments while you take study leave overseas, then worry no more. Contact the Credit Union Office and let them show you how to stop worrying. The Credit Union is now accepting applications for loans up to $2,000. Members wishing to borrow monies are asked to contact Mrs. Sydney Steventon, the Credit Union Office on Tuesdays and Thursdays from 10.30 am to 2.30 pm. Child endowment can be paid every four weeks directly into your Credit Union savings account at 6½% interest per annum.

INDUSTRY OFFICERS MEET UNIVERSITY

A meeting of representatives of Industry and Commerce and senior members of the University staff was held at the University on November 9. The meeting is an annual event at which information and ideas of interest to those concerned with the recruitment and supervision of cadets and trainees are exchanged. Visiting the University were twenty two training or personnel officers from industries, councils, government departments and other organisations and they had lunch at the University as guests of the Deputy Chairman of Senate (Professor P.G. Keats).

INDUSTRY OFFICERS MEET UNIVERSITY

Students will meet their commitments from Monday to Friday, and let them show you how to stop worrying. The Credit Union is now accepting applications for loans up to $2,000. Members wishing to borrow monies are asked to contact Mrs. Sydney Steventon, the Credit Union Office on Tuesdays and Thursdays from 10.30 am to 2.30 pm. Child endowment can be paid every four weeks directly into your Credit Union savings account at 6½% interest per annum.

A wide variety of topics were covered. The University informed the visitors about new courses approved for 1978 including the Master of Business Administration and the Diploma in Economic Studies. An interesting new topic was recent developments in the employment of girls in engineering. In some overseas countries positive steps have been taken to encourage girls to accept appointments in engineering fields and there are indications that Newcastle industries are moving in the same direction.

At the conclusion of the talks the visitors made an inspection of the Faculty of Engineering as guests of the Dean (Professor A.W. Roberts).

STUDENTS SEE UNIVERSITY AT WORK

Reports from various Departments indicate that the University is a popular choice with secondary school students who take part in what are called Work Experience Programmes.

By working alongside University employees 35 hours a week, sharing the pleasures and the pains, the young people are given guidance concerning their professional careers. Carmel Gatt, of Year 10, St. Mary's High School, who was recently attached to the Secretary's Division for two weeks, wrote these comments before returning to school:

"The Work Experience Programme provides students from my school, and other schools which avail themselves of the programme, with insights into possible future careers around which, often, the rest of their lives will revolve. Thus the programme may play a vital role in the making of the major decision about what career to embark upon.

Making decisions is a crucial part of our lives and one is seemingly always striving to be successful, or better, for the programme to be successful there has to be a great deal of cooperation and understanding between employers, employees and students.

I found at the University that my fellow employees were exceedingly friendly and willing to help.

Counselling surroundings are peaceful, the general atmosphere better than one could hope for.

During my stay I participated in the preparation and production of the University News. I learnt about several departments of the University but in particular the Publicity Office and the Printery.

I often took pleasure in wandering around the various University buildings - and getting lost. I came upon some fascinating things. All combined, the two weeks have been a most memorable and worthwhile experience."

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At the conclusion of the talks the visitors made an inspection of the Faculty of Engineering as guests of the Dean (Professor A.W. Roberts).
Dr. Robbie Case, Associate Professor of Applied Psychology, The Ontario Institute for Studies in Education, Is visiting the Faculty of Education from November 1 to 22. Dr. Case has an international reputation in the field of Developmental Psychology, and in particular in adapting instructional design to developmental growth. He will be giving several seminars within the Faculty of Education and would welcome discussions with interested staff and students.

The Professor of Applied Studies in Education, is visiting from Or. Case Developmental Psychology, and has an international reputation in the field of developmental growth. He will be giving several instructional design seminars within the Faculty of Education and would welcome discussions.

Papers will be presented by contributors to a development, Dr. and Individual Differences in Learning, to be held 14-15th November at the University of Newcastle. Interested persons please contact Ms. Anne Robotham, ext. 428.

The first issue of this journal, published by the History Department in 1976, contained five essays by students of the Australian History course. Each year students in this course are asked to investigate some aspects of Australian history, preferably through research in primary sources. They are encouraged to look at questions through which light can be thrown on significant problems by the study of local history. This year, with assistance given by the History Department and the S.R.C., it has been possible to include six essays. They are:

Edward Capper: Hardware and Society, by Ian Bowery;
Dazet's Dismissal, by Russell Seton;
The 'Wanted Columns' of the 'Maitland Mercury', 1850-55: Employment Patterns during the Gold Rushes, by Jan Horne;
Working Class Women and the Suffragettes: A Study of Urban N.S.W. and Victorian, 1890-1900, by Noeline Williamson;
Australian Theatre: A Reflection of the National Self-consciousness, by Judi Harris;
The 1892 Collieries' Lockout and the Rothbury Incident, by William Hill.

The journal, this year, was typeset and printed by the S.R.C. office. Copies can be obtained by a donation of 50c from Mrs. Anne Robotham, Room ALG17a, Ext. 264.

The History Club has just published its journal Student Research Papers in Australian History. The first issue of this journal, published by the History Department in 1976, contained five essays by students of the Australian History course. Each year students in this course are asked to investigate some aspects of Australian history, preferably through research in primary sources. They are encouraged to look at questions through which light can be thrown on significant problems by the study of local history. This year, with assistance given by the History Department and the S.R.C., it has been possible to include six essays. They are:

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The Penguin Society of Australia selected one of the Lifestyle programmes for a Penguin award on November 5. Penguin's are awarded by the Society for the most significant education television programmes transmitted every year in Australia. The Lifestyle series were made as a co-production by the University and NBN Channel 3.

FIND THE LADY

Associate Professor N. Talbot of the Department of English, has published a book of poems, titled "FIND THE LADY". The book has just been published by the Sydney firm South Head Press. Although a separate collection, FIND THE LADY is related to Talbot's first two books in the FEMALE UNIVERSE series. It carries the subtitle A FEMALE UNIVERSE RIDES AGAIN, and completes the cycle of the three books.

The first section, "It's good night from her", is about the impact upon places (or situations) of a female protagonist - some are ordinarily human, some are goddesses or spirits of place, and most are between those categories. The second, "It's good night from me", relates the (male) speaker to a more or less powerful female power-figure. As in poems for a FEMALE UNIVERSE, and son of a FEMALE UNIVERSE, a small group of poems deals with Tristan, the first legendary hero to be defined only by his love affairs. The fourth section, "Norman Bites (or Legs)", is a series of mockeries of the author - not all of them quite fair. The last full section celebrates the power of the Muses and allied inspiring powers, "Morningstar and Evestar". A book ends in a comic coda in praise of inspiration and poetry (as opposed to sex and drink). "Norman Talbot's Address to his Muse".

The book was designed, set up and printed in Newcastle, by Newey and Beath.
RADIO LINK WITH ANTARCTICA

The masts you can see on the roof of the Physics Building are part of a communication system linking the University and Macquarie Island in Antarctica. Shortly, there will also be a link with Mawson. The Department of Physics is presently augmenting the network of field stations by which it records signals from space called geomagnetic micropulsations. A new field station will be established at Mawson early next year.

The existing stations are at Woodville, near Maitland, Woomera (South Australia), Launceston (Tasmania), Auckland (New Zealand), Macquarie Island and Perth (Western Australia).

Dr. Brian Fraser, Senior Lecturer in Physics, is directing the research project in connection with geomagnetic micropulsations. He explained that the communication links with Antarctica had been provided by a Collins 100-watt transceiver, supplied by the ionospheric prediction service. The equipment for the new field station at Mawson is expected to be installed and functioning by next April.

The reason Mawson was selected is its position, near the foot of the earth's magnetic field line with passes through the orbit of the European Space Agency's GEOS satellite. Dr. Fraser stated that he wanted to compare information about geomagnetic micropulsations obtained from the satellite with information obtained at the ground-based field stations. Dr. Fraser has given Mawson and Macquarie Island another task in connection with geomagnetic micropulsations.

Mr. Stanimirovic and Dr. Fraser operate the transceiver providing the link with Antarctica.

Dr. Fraser said that in order to learn more about the ionospheric propagation effects of geomagnetic micropulsations he was looking now at the generation mechanisms existing in the magnetosphere. To make this study it was necessary to possess data from a satellite and to have recording stations at high latitudes.

Mr. Peter McNabb, Professional Officer, has been associated with the project since its inception and responsible for the construction of the associated electronics and instrumentation.

Funds have been provided for the research by the Australian Research Grants Committee, the Australian Radio Research Board and the University.

RESEARCH FELLOW JOINS PROF. SUMMERS

Dr. P.M. Fredericks has taken up a post-doctoral research fellowship in Organic Chemistry to work with Assoc. Professor L.A. Summers on the chemistry of a new group of plant growth regulators.

Before coming to Newcastle, Dr. Fredericks, who is a graduate of Sussex University, spent two years with Professor Sir Ewart Jones at Oxford.

STAFF MEMBER'S RESEARCH GRANT

Mr. E.J. Burke, of the Department of Commerce, has been granted $3,825 for research work on the economic and social effects of redundancy at the N.S.W. State Dockyard. The grant was awarded by the Reserve Bank of Australia from the Economic and Financial Research Fund.
**FIRST GLEBE LAND**

An exhibition of old letters in the Auchmuty Library tells why the Church of England surrendered five acres of land in the township of Newcastle in 1837. The Church's control over the land, now the site of Newcastle Court House, is revealed in a letter, dated 1834, from the Colonial Secretary's Office to Reverend Samuel Marsden, senior chaplain in the Colony of New South Wales, who was deputising for Bishop Broughton, who was on a trip to England. (Broughton was the first and only Anglican Bishop of Australia).

The Church of England wanted the glebe (five acres in Church Street) to be fenced. The Colonial Secretary decided that it would be inconvenient to do the work by Road Party and a contract for executing it will be advertised.

A letter written to Bishop Broughton by the Colonial Secretary's Office in 1837 states that the Governor (Governor Bourke) wanted the land for military purposes and was quite ready to give the value of the land to the Church.

The Governor exchanged two allotments at the corner of Church and Wolfe Streets for a new parsonage. Arbitrators valued the glebe at £176 per acre and the new parsonage site at £31 per allotment. It appears that the Church of England made use of the proceeds from the transaction (£818) to purchase the glebe near The Junction.

The Colonial Government developed a military barracks and parade ground on the land in Newcastle during the 1840's. The letters and a map came from the Archives of the Diocese of Newcastle and are held in the University Archives.
The University's Tae Kwon Do Club held its second grading on members for the year on October 29. After the grading was concluded, members and about 60 onlookers were treated to an All Black Belt Demonstration. All present were impressed by the high standard of the demonstration. A further demonstration will be held early in the first term next year.

The grading was officiated by Mr. Rhee (seventh degree black belt), of the Australian Tae Kwon Do Association, and Mr. Kim Myung Man (fourth degree), of Kim's Tae Kwon Do Academy (Sydney). Both men are qualified international instructors and Mr. Kim is the chief instructor of the University Club.

About 12 student members sought to be awarded new belts, ranging from yellow belt to brown belt. As yet the results have not been received. Unfortunately the closeness of exams caused some members to forgo the grading till next year.

The demonstration featured all aspects of Tae Kwon Do, the Korean art of self defence. The audience saw a wide variety of standing, jumping and flying kicks, as well as punches, strikes and blocks. Most of these techniques were used to break boards, tiles or bricks to demonstrate the power they can achieve. In addition Mr. Kim featured the Destruction Pattern, which involves a series of about 40 complex high speed moves, during which Mr. Kim breaks 11 tiles with a punch.

The subtler side of Tae Kwon Do was shown with a display of releases, wrist throws and body throws. These techniques are used to avoid violent situations, where otherwise some permanent damage could result to an assailant. These are learned with practice.

Participants in the demonstration were Mr. Kim, Richard Teo, who is the University Club's instructor, and five invited black belts from Sydney and Newcastle. The Club looks forward to another demonstration, and the signing on of new members, in the New Year, so keep your eyes open for notices.

The Annual Golf Match against the University of New England was played over the weekend November 5 and 6 at Armidale. New England won the contest 12-9.

On November 9 University played the RAAF at Newcastle Golf Club. The results: RAAF 271, University 233. Best RAAF individual score, John Popham, 41. Best University individual score, Lou Harris, 35.

This month will see the revival of the Inter-Faculty Cricket Competition, which pits various sections of the University against others in friendly and entertaining ways. The games will be played at No. 2 Oval.

The draw:

Arts V. Engineering (Game I) November 15.
Geography V. Psychology/Education (Game II) November 20.

First semi-final, winner of Game I V. winner of Game II, second semi-final, winner of Game III V. Edwards Hall/Administration/Amenities, December 1, final December 6.

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DIARY OF EVENTS

THURSDAY, NOVEMBER 17
8.30 pm At Home, Black and White, The Union.

FRIDAY, NOVEMBER 18
2 pm University Council Meeting.
7 pm Christmas Function for non-academic staff, Southern Cross Lounge. $4 per head. Pay Joy O'Neill (University Health Service) or Roger Archer (Administration).

THURSDAY, NOVEMBER 24
8 pm - Super Recovery Ball.
1 am The Union. Panther, Apollo and the Maitland Bush Band Bar-B-Q. Tickets $5. A vegetarian supper can be arranged when tickets are being bought.

SATURDAY, NOVEMBER 26 AND SATURDAY, DECEMBER 3
8 am - Noon The Sea and the River - A practical introduction to Marine Biology. Lecturer Dr. Clive O'Connor. Field excursion December 10 and 11. Fee $22. This course examines fish ecology and behaviour, natural habitats, the role of estuaries, rocky shores and the way that marine animal behaviour is modified by human activity. Enquiries, contact Department of Community Programmes.

SATURDAY, NOVEMBER 26
7.30 pm A South Pacific Dinner will be the last meeting of the Faculty Wives Group in 1978. Husbands are invited to accompany their wives. The Faculty Wives Group in conjunction with the Faculty of Arts will hold a Community Function in the Great Hall.

WEDNESDAY, DECEMBER 7
2 pm : Senate meeting, Council Room.

THURSDAY, DECEMBER 8
7.30 pm Standing Committee of Constitution, Committee Room.

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