ROMANCE OR REALITY?
Newcastle's International Festival of the Arts

In his Occasional Address given at the final graduation ceremony on Saturday, May 9, the Vice-Chancellor, Professor Keith Morgan, quoted from a Government discussion paper before presenting his own vision of our region's cultural and artistic future.

The quotation came from a paper dealing with the efficiency and effectiveness of Universities under the title of "The Quality of Higher Education" and not, as Professor Morgan pointed out, "from the romantic vision of an academic idealist".

The quote reads "Universities are central to development of a civilised society that can lay claim to being intelligent; a socially just and culturally rich society that will expect to be wisely governed and led, and one which will have the capacity to learn from the past while creating and moving toward a new vision".

Before presenting his own vision, Professor Morgan outlined the responsibility of Newcastle University to the cultural affairs of our Region. He stated that two-thirds of our students are drawn from the Region and that over 80% of all those in the Region attending University come to the University of Newcastle. He emphasised the potential strength of the University in "developing cultural studies and making contributions to the Regional community in these areas".

Professor Morgan told of the great artistic and cultural strengths of our Region. "In music, theatre, the fine arts of painting and sculpture, poetry and dance, this region has a proud record of tradition and achievement," he said.

"But like so many other aspects of our life here, it is maintained as a well-kept secret," he added.

Professor Morgan called upon the City to host an International Festival of the Arts in 1997 - the Bicentenary of the European arrival in the Hunter, adding that we did not necessarily have to wait until then.

"Indeed this year will see at least two major music festivals at the Cathedral and the University Conservatorium and the Hunter Orchestra will present a full season; there will be important exhibitions at the Regional Gallery, the Museum and the University; the Hunter Valley Theatre Company will provide a continuing focus and the Mattara Poetry Festival will attract widespread interest; Hunter Opera and Hunter Dance Company are both active," he added.

"For 1997 all of this and more can be readily coordinated into a major Regional Festival. But my ambition would be larger than this. I wish to propose that for 1997 our objective should be not just for an outstanding Regional Festival, but for a major International Festival of the Arts to celebrate our Bicentenary. I suggest that this would be both appropriate, timely and achievable," he said.

Professor Morgan stated that there are good reasons to justify his high ambitions. "The Bicentenary of Newcastle and the Hunter should be celebrated nationally, internationally and regionally," he said. "We should be remiss if we failed to acknowledge the significance of 1997 in the history of Australia as well as the Hunter Region".

He encouraged all graduands to aspire to an ambitious vision of their own - a vision which will create a society that is socially just, culturally rich and wisely governed and led. A society that has the capacity to learn "while creating and moving towards a new vision".

"This is a challenge which my generation sets you, and sets it with confidence," he said.

"There is much for you to do. You will need commitment and determination. Please do not fail us now."

EXCELLENT IS EVERY PERSON'S RIGHT

In an address which was well deserving of the tremendous applause it received, Ian Schumacher, Diploma of Health Science (Nursing), spoke of the humanistic views of the Faculty of Nursing and of the process of self-discovery and questioning which all nursing graduates had been through and will continue to experience.

"For me it (University) has been an opportunity to come to terms with who I am, to discover how I relate to other people and to feel a sense of self-worth," Ian said. "Sharing this experience with fellow students has created a bond which will not be forgotten. Of course we recognise now that this self-discovery is a continuous experience and that the nursing course was just a kick-start," he added.

Ian outlined some of the difficulties of life at University saying that as students they had "overcome many barriers and challenges including meagre incomes, living away from home, physical disability, supporting families and returning to study after many years away." He also referred to the difficulties encountered with the "structure and bureaucracy of the University" - a comment which met with laughter and applause from graduands.

Ian was very sincere when he thanked family, friends and educators for their support, love, encouragement, motivation and "at times extreme tolerance", which, he said had enabled their success.
UNIVERSITY HONOURS “A TRUE ACHIEVER”

In his introductory speech, Dr Dunlop, Dean of the Faculty of Economics and Commerce, shared with listeners the many great achievements of Dr John Wilcox AM, who was awarded an Honorary Degree of Doctor of Science at the Graduation Ceremony held on Friday, May 8.

Dr Wilcox, who began his working career as a telegram messenger in the Postmaster General’s Department, was to become a driving force in Australia’s coal industry. In the words of Dr Dunlop, “Once a telegram messenger, he now plays a very important role in Australia’s coal industry as a very honoured ‘messenger’ to Australia’s trading partners, bringing the news and knowledge of this nation’s capacity to train others in all aspects of coal technology, to export coal to meet exact requirements and to assist developing countries”.

Dr Dunlop’s dedication to the coal industry is highlighted in his distinguished career path. In 1973 he was appointed to the position of Assistant Secretary, Coal Branch in the new Department of Minerals and Energy and over the next 11 years moved to increasingly responsible positions within the Department.

Dr Wilcox introduced the course of “Coal Technology” to the University of Newcastle’s Institute of Coal Research and in the words of Dr Dunlop, “His contribution to the high standing of the The University of Newcastle in coal engineering and science is gratefully acknowledged and applauded.”

In 1992, Dr Wilcox’s contribution to Australia’s coal industry was recognised when he was made a Member of the Order of Australia (AM) for services to the Australian Coal Industry.

Dr Dunlop described Dr Wilcox as a “true achiever” and a “friend of this University”.

In accepting his Honorary Degree, Dr Wilcox said that he felt humbled and moved by the ceremony. “In a person’s lifetime, truly outstanding events can be counted on the fingers of one hand. This is one such event in my lifetime.”

In his Occasional Address, Dr Wilcox outlined the development of Australia’s coal industry, which, he says, has emerged as one of the most efficient and safest coal mining industries in the world. “It follows that Australia relies very heavily on this industry for the nation’s economic well-being. However, what is not so well known, is that in the use, as distinct from the production of coal, particularly for power generation, Australia is at the front edge of the world’s technology for clean and efficient combustion,” he explained.

“He told graduands from the Faculty of Economics and Commerce, that the scope for using their skills is limitless.

“It follows that Australia relies very heavily on the University of Newcastle has been a preparation for a life of contributions in your field of knowledge; learn also to value experience and to listen to those who are wiser, be aware of your responsibilities and have confidence in this nation’s future,” he told the graduands.

“In these difficult times, when many fellow Australians have no part to play in the workforce, we look to you, the new generation of Bachelors of Economics and Commerce, to assist both nationally and internationally in the recovery process – a formidable task.

“I wish you successes, I wish you luck and I wish you peace,” he concluded.

Excellence...continued from p1

“The accolades we receive help to strengthen our belief that our work over previous years has been personally worthwhile and of benefit to society.

“As nurses we now possess a range of skills and knowledge which far exceeds giving injections or following doctors’ orders. In applying this knowledge we are committed to the maintenance of fundamental human rights and acknowledge that the provision of equitable health care for all is one of these rights.”

Ian outlined the “rationalist economics” that have pervaded the health care system in recent times and challenged all nursing graduates to become more politically active.

“As part of our commitment to health care, I believe that we need to be critical of service we provide and vocal when it does not meet our expectations. We are advocates for our patients as individuals but often fail to see our unique collective position as advocates for the public,” he said.

Ian also recognised the contribution made by the patients, who, he said “have played such a major role in our learning and development. They have allowed us to share their lives, at times which must have been very difficult. We have shared in their living and dying and their struggle to overcome adversity.”

“We are appreciative of their efforts to assist in our training.”

Ian wished his fellow graduates every success in their endeavours and concluded by quoting Anthony Burgess’s statement that “Excellence, being every person’s right is also every person’s duty. Excellence in the human sphere, is an attribute of action, not of being. There is no excellent being whose being is not realised in action.”
FACULTY OF LAW OFFICIALLY OPENED

The newly established Faculty of Law at The University of Newcastle was officially opened at a special function on Tuesday, May 12, by the Federal Minister for Justice and Consumer Affairs, The Honourable Senator Michael Tate.

The function was held in the Faculty's refurbished accommodation in the McMullin Building on campus, and marked the culmination of many years of work to establish a Law School in Newcastle.

Senator Tate (l) congratulates Professor Rees with Professor Morgan and Justice Evatt looking on.

The Dean of the new Faculty, Professor Neil Rees, said that this year was being spent in developing the Faculty and its curriculum and that the first students would be enrolled in 1993.

"The University of Newcastle has been working towards the setting up of a Faculty of Law since the early days of the University and the occasion will be one of great satisfaction and pleasure for those who have aspired to this University and the occasion will be one of great satisfaction and pleasure for those who have aspired to this aim," Professor Rees said.

"The establishment of the Faculty has the full support of the local legal profession and we plan to liaise with them for the practical benefit of our students.

"We are also particularly pleased to have Senator Tate perform the official opening because of his current portfolio and his previous association with the teaching of Law. Senator Tate was the Dean of Law at the University of Tasmania before taking up his seat in Parliament," he said.

Professor Rees also said that a Chair in Commercial Law had been sponsored by the Newcastle legal firm, Sparke Helmore and Withycombe. He said that this generous sponsorship will allow the University to engage an experienced lawyer to take up this Chair to provide leadership in Commercial Law teaching and research.

"This will allow us to fully develop the Faculty to provide comprehensive and innovative education for our students," Professor Rees said.

"We also see the sponsorship as an important link with the practicing legal profession in Newcastle," he added.

Professor Rees also announced that the Faculty of Law will present 'The Sir Ninian Stephen Lecture' each year, this to be delivered at the commencement of each academic year. He said the inaugural lecture in 1993 will be delivered by Sir Ninian himself.

The official function to launch the Faculty of Law was hosted by the University's Chancellor, Justice Elizabeth Evatt and was attended by senior members of the legal profession in Newcastle, State and Federal Judges and members of the University.

UK SHOWS INTEREST IN NEWCASTLE LAW SCHOOL

Professor Frank Bates, from the Faculty of Law, recently presented papers at seminars and conferences in the United Kingdom.

Professor Bates says that his lecture, entitled Child Abuse and the Fact-finding Process some Commonwealth Developments presented to the Faculty of Law, University of Newcastle upon Tyne, resulted in extremely valuable discussion.

Professor Bates also presented a paper at the Annual Conference of the Association of Law Teachers at the College of St Bede and St Hild of the University of Durham. Whilst at the conference he participated in discussions on the objectives of tertiary legal education, during which comparisons between law school and non-law school approaches were made. Professor Bates says that he found these discussions extremely interesting "considering the present situation at Newcastle".

He said that during his visit he was particularly interested in looking at the developments in U.K. legal education. "As is the case in Australia, the demand for legal education is increasing. Considerable interest is being shown in our activities at Newcastle and the visit enabled me to make new contacts and reinforce old."

Thank You

Marie Hill would like to thank those members of staff who very kindly donated to her farewell, and to all those people who sent cards and to those who called and wished her well in her retirement as their kindness was very much appreciated.

JAPAN CONSUL-GENERAL VISITS UNIVERSITY

Mr Masaaki Noguchi, Consul-General of Japan in Sydney, recently visited the University to present an address entitled, "Australia and Japan in Changing Asia", in which he emphasised the importance of Asia in relation to Australia and Japan.

He stated that over the last couple of decades, Asia has developed from a region of poverty and human misery, to the world's most dynamic and fastest growing economy.

Mr Noguchi, whilst predicting that Asia will emerge as one of the most important and influential areas of the world, also outlined the uncertainties in and surrounding Asia. Uncertainties such as the future of both China and Russia, the possible ethnic and territorial conflicts and the question of democracy.

Mr Noguchi said that Australia and Japan are able to, individually and collectively, facilitate the development of a prosperous Asia.

"However, readjustments will be needed by our nations to fully meet this challenge," he said.

Mr Noguchi also mentioned that many of the post-war systems and practices still present in Japan will have to be readjusted in an effort to "meet the challenge of the changing reality."

In his opinion, "a prosperous, peaceful and stable Asia is not simply to the advantage of both Australia and Japan. It is essential for their future prosperity and well being," he said.

Professor Morton, Head of the Japanese Section of the Department of Modern Languages stated that Japan is a leading nation in our Region.

"To have the Consul-General visit Newcastle University reflects the emerging importance of our University as a centre of Japanese studies," Professor Morton said.
ARE YOU TOO HEAVY FOR YOUR HEIGHT?
Find out during Medical Research Week May 29 - June 7

From ad-hoc beginnings three years ago, Medical Research Week has grown into a nationally co-ordinated event which is now being held in the same week each year.

The aim of Medical Research Week is three-fold; firstly to raise public awareness of medical research, secondly to educate people from all walks of life and thirdly (and perhaps most importantly) to raise the awareness of politicians at a time prior to setting of the budget.

Associate Professor John Rostas, from the Faculty of Medicine (Neuroscience Group), says that 1992 is the year in which the National Health and Medical Research Council sets its funding for the next three years.

"We are therefore undertaking some heavy political lobbying in an attempt to set the framework for research for the next three years," he said.

Newcastle's 1992 Medical Research Week project is entitled *From Genes to Jerry's Plaistus* and will focus on five key areas of health as identified by the Better Health Commission. The five areas are Cancer, Heart Disease, Health-the Elderly, Traumatic Injury and Nutrition.

Associate Professor Rostas says that the Newcastle Group will be taking advantage of the new John Hunter Hospital, with a special Open Day being held on Sunday, May 31, at which experts will explain aspects of medical research, demonstrate interactive displays and give entertaining public lectures.

Questions such as "Are You Too Heavy For Your Height" and "Is Your Family Tree Healthy" will be asked (and answered!) at the Interactive Displays which will take place from 10 am to 2 pm on May 31.

The following public lectures will also be presented on May 31:

2.00 pm *Why Things Run in Families*, Dr Alison Colley
2.30 pm *Controlling the Inner Flame - the story of Insulin*, Professor David Roberts
3.30 pm *Life Wasn't Meant to be Wheezy*, Dr Richard Henry
4.00 pm *Medicines throughout the Ages*, Professor Tony Smith

Visitors to the John Hunter Hospital during the week May 29 to June 7 will be able to see informative displays in the corridors of the hospital.

A dinner will be held at the Newcastle Town Hall on Wednesday, June 3, at which acclaimed journalist and broadcaster, Robin Williams, AO, will speak on *The Origins of Medicine - Six Million Years Ago*.

Bookings and further details are available from Ms Anne Griffith at 21 5673

THOSE AUTOMATIC TELLER MACHINES
We either love them or we loathe them.

It's the weekend and you suddenly find that you need cash or you haven't made that important bank deposit that really should have been done on Friday. And for any number of reasons you couldn't get to the bank and require those services out of business hours.

This is one of those occasions when most people get out the plastic card and head for the automatic teller machine (ATM) at the nearest bank or building society to make a dent in the bank balance, get some ready cash or make a financial transaction. But some people still have a strong resistance to using the machines.

Research into why automatic teller machines have been accepted wholeheartedly by some people, while others remain wary, has been conducted by an academic in the Department of Management, Mr Robert Rugimbana. Robert was commissioned by the ANZ Bank to carry out an extensive survey, the findings of which have now been implemented nationwide.

The main research objectives for the study were:

1. To describe the extent of usage and non-usage of ATM's.
2. To develop a specific profile of the current non-users.
3. To compare the characteristics of users and non-users.
4. To determine the perceptual and situational factors that are associated with consumers' decisions to use or not use ATM's.
5. To suggest marketing strategies aimed at increased usage of ATM's.

The survey was conducted in 13 branches of the ANZ Bank in the Newcastle and Hunter Valley area.

Robert said the survey has highlighted the customer needs with regard to automatic teller machines. For instance, instead of placing machines according to population levels, the ANZ Bank is now situating machines in areas more aligned to actual needs.

"It has been to the Bank's benefit to be in touch with the market and an independent study has provided them with the means to better identify customer needs," Robert said.

"From the comments by customers in the survey, the ANZ Bank can react to its customer needs in a more informed way and improve its services at the same time," he said.

Since this initial project, Robert has been approached by the ANZ Bank to conduct additional research in banking services. He has also conducted similar studies for four credit unions in South Australia.

UNIVERSITY INVOLVED IN INTERNATIONAL NURSES' DAY

The Faculty of Nursing presented displays at two shopping centres and on the University campus to celebrate International Nurses Day on Tuesday, May 12.

The day which featured the theme 'Healthy Aging' was held under the auspices of the International Council of Nurses, an affiliation of the World Health Organization.

 Displays were held at Stockland Mall in Jesmond and at Pender Place in Maitland as well as on campus with the Faculty of Nursing on hand to give information and explain the challenges involved in healthy aging. Community nurses and Geriatric Nurse Consultants from the Greater Newcastle and Lake Macquarie Community Health Services were also involved in the activities.

Assistant Dean of the Faculty of Nursing, Ms Shirley Schulz, said that new trends and innovations in the care of older adults indicate that nurses around the world are rising to meet the challenges of this growing population.

She said that nurses are seeking to examine the role they play in elderly care and have to be aware that we are an aging population.

"We need to look for new opportunities for change and innovation," Ms Schulz said.

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**UNIVERSITY STUDENTS RECEIVE UNDERGRADUATE SCHOLARSHIPS**

Twelve students, all of whom performed exceptionally well in the 1991 Higher School Certificate, obtaining Tertiary Entrance Ranking's of 98.75 marks or more, have been presented with University of Newcastle Undergraduate Scholarships.

The Undergraduate Scholarship Scheme was established in 1989 in an effort to encourage Hunter Region High School Students to attend The University of Newcastle and to assist them with their studies. Thirty-eight students are currently in receipt of the scholarships, which cover the Higher Education Contribution Scheme (HECS) tax for the duration of the student's course.

The 12 winners are well deserving, as pointed out by Ms Arjen Petrovic from the University's Scholarships Office. "They performed well at school and therefore need to be recognized" she said. "The scholarships are awarded purely on academic merit."

The students were all placed in the top 2% of the state in last years Higher School Certificate and have enrolled in a wide range of tertiary courses at Newcastle University.

The 1992 Scholarship winners are: Karin Berlot, B.Medicine; Michael Lonergan, B.Medicine; Christopher Glover, B.Mathematics / B.Science; Stewart Phillips, B.Engineering (Electrical) B.Science; Gregory Conroy, B.Engineering (Chemical) B.Science; Peter Georgeson, B.Engineering (Computer) B.Mathematics; Mark Johnson, B.Medicine; David Manning, B.Medicine; Janine Burns, B.Mathematics / B.Science; Rodney Richardson, B.Engineering (Industrial) B.Computer Science; Sharon Laura, B.Medicine and Jonathan Keith, B.Mathematics B.Science.

The high standard of secondary education in the area is evident by the fact that this year's scholarship winners came from 11 different high schools in the Hunter Region.

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**THROWING THE CAT AMONG THE ACADEMIC PIGEONS**

Professor Chris Innes from the Department of English, York University, Ontario, Canada will present a public lecture entitled The Kiss of Death - Brecht, Becket and Academia, at 6.00pm on May 28 in Room V107 of the mathematics building.

Professor Innes, who is visiting Newcastle for eight weeks, first developed an interest in drama at the age of four. "I was watching a production of Peter Pan and knew from then on that I wanted to do something in theatre," he said laughingly.

Some 40 years later, Professor Innes is a well-known scholar, theatre critic and historian. He has written several books on the theatre and is the general editor of the Cambridge University Press 20-Volume series entitled Directors in Perspective, which he established with Cambridge Press in the mid 70's. "I felt that it was vital to get facts to go along with the theories," he said.

The volumes will help to keep a scholarly record by “fleshing out” our knowledge of the theatre. According to Professor Innes, they will also assist in the practical production of a play.

"A director has a range of what he can do. The volumes will provide him with a sense of what other great people have done - how they worked, how they rehearsed their actors, and the styles of their plays," he said. "The publication will provide directors with a sense of potentiality of the stage," he added.

Professor Innes has studied at Oxford and in Berlin and Munich and expressed great interest in German theatre of the 1920's and 1930's. His PhD thesis was concerned with Weimar Republic Director, Erwin Piscator.

"I am fascinated by the politics of theatre and particularly how the theatre is able to manipulate its audience," he said. "In the 20th century, more and more theatre directors have attempted to manipulate their audiences more and more. In a political sense that might be referred to as propaganda," Professor Innes suggested.

He, however, is of the belief that the stage should not be doing “the work of journalism”. Rather, it should give the public the framework to base their own judgements on.

He quoted Stoppard in saying, "The stage is a moral matrix that makes sense of the world for the public" - it should not be used as a tool for propaganda, he said.

Professor Innes hopes to "ruffle a few feathers" when presenting his lecture. "We have to question the role of the University as far as the courses we teach, the books we write and the effect we have on the theatre," he said.

"I hope my ideas are met with horror," he said gleefully.

Professor Innes said that this University’s Drama Department has a high profile, particularly in Canada. This, he said, was due largely to the links developed there by Professor Mark Emaljarow.

During his visit, Professor Innes will lecture in Sydney, Melbourne, Brisbane and, if time permits, in Canberra. He also hopes to learn more about Australian theatre.

Although he is an internationally renowned theatre critic, Professor Innes modestly refers to himself as a “failed actor”, laughingly stating that “all critics are failed actors.”

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**Professor Chris Innes**

"I hope my ideas are met with horror"
VICE CHANCELLOR - CONFIDENT IN NEW GRADUATES

In his response to the student speakers, the Vice-Chancellor, Professor Keith Morgan, expressed his congratulations to all graduates and to their parents, friends and family as well as to the academic and general staff of the University.

He acknowledged the achievement of the graduates, stating that these graduation ceremonies represented the culmination of dedication, much work and the "transformation of right promise into high achievement".

The Vice-Chancellor stressed that the well-being of society depends, to a large extent, on the new graduates and that they now have responsibilities to assume and implicit obligations to meet. "The talents and abilities you possess must now be put to good use," he told the graduates. He encouraged them to partake in discussions about important issues, stating that "we cannot allow the agenda for public interest to be set by the media and by our political leaders".

His respect for, and admiration of, the graduates was highlighted in his final words: "The future lies in your hands. Your generation puts it there with the talents and abilities you possess. You will do it well and I wish you well with it. Good luck and congratulations."

RADIO PERSONALITY GRADUATES

Well-known local ABC Radio presenter, Paul Turton, has graduated with a Bachelor of Law and Administration Degree from the Faculty of Economics and Commerce. Paul was one of five graduates to receive this degree which was awarded for the first time this year.

He says that doing his degree was "tough" for everybody in his family, as Paul was working full-time whilst also undertaking full-time study.

"I'm lucky to have a flexible job which enabled me to attend lectures," he said. "I also have a very supporting family," he added.

Paul, who is married and has two children, has been working for ABC Radio since 1989. His current affairs program provides Newcastle listeners with local perspective on some major stories. "I try to focus on the ramifications of legislations on the local area," he said.

Paul says that in undertaking the Law and Administration degree, he has been able to advance his interviewing skills. He says that he is now better able to read and understand statistics and pose questions to Ministers.

So what does the future hold for Paul Turton? "I don't know. What I do now will depend on the opportunities that present," he said.

MOTHER & DAUGHTER GRADUATE

Jane Suggit graduated with a Bachelor of Science (Honours) degree in Biology one day before her mother, Elizabeth received a Bachelor of Arts degree. Jane had been studying for six years, Elizabeth for nine.

Jane flew down from Brisbane to attend the Biology Department graduation luncheon and to spend a couple of days in Newcastle with her family. Jane spent the majority of her honours year in the Northern Territory monitoring uranium mine waste water releases and hopes to find work in the tropics in the area of mine rehabilitation. "I hope to work somewhere tough and nasty where they drink lots of 4X," Jane said laughingly.

Jane started University in 1984, however had a two year break before throwing herself into an honours year. During her time at University, Jane was actively involved in the Uni Surfriders Club and proudly states that she has just survived her eighth Intervarsity.

Jane's mother, Elizabeth, is also well-known around the University having worked in a number of jobs at the University whilst studying here part-time. She is currently working on a film entitled The History and Development of Port Stephens, which is a combined project between the Port Stephens Historical Society and the University's Communication and Media Arts Department.

She says that she will keep going with her studies saying that there are not many jobs available for people who specialize in igneous rocks.

Susan has received some assistance with her studies, having been awarded a scholarship of $9,000 per year from the Australian Nuclear Science and Technology Organisation, which will also assist her during her honours year.

During her undergraduate years, Susan received further assistance from a University Credit Union Scholarship and from two University Scholarships.
Harold William Tulloch, a well-known Hunter vigneron, has made an outstanding contribution to the wine industry both in South Australia and the Hunter Valley. In presenting Harold Tulloch for his award, Associate Professor David Finlay, Dean of the Faculty of Science & Mathematics, described him as "the father of grape vine clonal research in Australia".

According to Associate Professor Finlay, Dr Tulloch was one of the first people in Australia to recognise the link between good quality wine and premium quality fruit.

Mr Tulloch said that the University's Hunter Wine Research Committee, established by the Vice-Chancellor, Professor Keith Morgan, could now become instrumental in helping to maintain the Hunter's reputation as a maker of premium quality wines.

"The industry is very important to this region and it has grown enormously in the past 20 years," Dr Tulloch said.

"There has been an increase in demand for premium quality wines in Australia and an expansion in wine exports and viticulture research has provided a means by which we can take advantage of these things."

Dr Tulloch has undertaken extensive research into grape breeding and selection. His research led to drastic improvements in grape quality, eliminating a troublesome vine virus and bad wine types through more informed selection.

"I have received a great deal of satisfaction and pleasure from research work and had some reluctance when leaving this field to start a small vineyard and winery of my own at Mt View after the Tulloch family winery was sold in 1969," he said.

In establishing his vineyard, Mt View Estate, Dr Tulloch set to work himself - putting in the posts, running the wire and planting the vines. He built the winery almost completely by himself and waters, weeds, prunes and sprays his vines every year.

Dr Tulloch thanked the University for the honour bestowed upon him.

"This is a great honour, particularly from an institution doing a great deal for our industry," he said.

JANE AZEVEDO - Awarded PhD

Jane Azevedo had been a student at Newcastle University for ten years, having graduated for the first time with a Bachelor of Arts (Honours) degree in Philosophy in 1987.

On Saturday, May 9, Jane walked across the stage of the Great Hall as the last graduand of the 1992 ceremonies. The smile on her face said it all as she accepted her Doctorate for a Thesis entitled, Unified Science - Pluralist Methodology: A Naturalist Realist Metatheory of Sociology, which she undertook in the Department of Philosophy under the supervision of Professor Clifford Hooker.

Although she enjoyed her studies, Jane says that certain stress symptoms did start to show.

"There is no doubt that completing a PhD is very hard. It marks you for life!" she said.

Jane has obtained a three-year lectureship at the Charles Sturt University, where she will be teaching Philosophy of Science, Sociology and Anthropology. While this may sound like every graduate's dream, there is the associated inconvenience of living a five-hour drive away from her husband, Mr Ross Jenkins, who is studying towards a Masters Degree in Geology at Newcastle.

"We only see each other every third weekend or so," she said, adding that that was the hard side of academia.

In a very entertaining speech on behalf of the graduating students at the afternoon ceremony on Friday, May 8, Craig Shaw (Bachelor of Mathematics Statistics Honours Class 1), described their journey from being graduands to becoming graduates with the help of a literary inspiration derived from the television show, The Incredible Hulk.

"We see him get angry, and he begins to swell up and change, and there comes a voiceover: 'Suddenly, a startling transformation takes place. He starts to blow up even further, his muscles bulge, all the buttons on the front of his shirt pop and the shirt tears across his back, and finally he ends up looking like a green Arnold Schwarzenegger with a severe case of fluid retention.' " Craig joked.

While Craig hoped that nothing quite so spectacular would take place during the ceremony, he did point out the changes the students had undergone during their time at University.

Craig commented that life at University had been a journey - "a journey of self discovery and the development of self-knowledge. It is a chance to learn about our capabilities and potential - and our limitations. It is a chance to learn how to prioritise and organise, how to "keep our eye on the prize", how to set our minds on a goal and set about achieving it despite hardship, despite disappointments, despite setbacks along the way," he said.

And as for the future? Craig echoed the words of Albert Einstein in saying "I never think of the future. It comes soon enough" and added that "Whatever is to come, we know that the rest of our lives begin today." Craig concluded by saying that whatever happens, their experience of it will be changed and enhanced by the time they had spent at university.
Mr Lance Hennessy, Deputy Vice-Chancellor (Administration), had reason to be proud as he watched his son and daughter walk across the stage of the Great Hall. His daughter, Ruth, was awarded a Bachelor of Arts (Honours) Degree in Psychology, while his son, Ralph, received a Diploma in Education.

Mr Hennessy said he felt "terrific" seeing his son and daughter graduate, however says that the novelty is starting to wear off. Ralph graduated with a Communications Degree from the University of Canberra in 1987, and according to Mr Hennessy, Ruth "just keeps graduating. She graduated last year, this year and will graduate again in two years," he said.

Ruth who tutors part-time in the Department of Psychology, has now started a Clinical Masters Degree. Ralph however, has had enough of studying for a while and is currently teaching English to years seven to eleven at Colyton High School in Western Sydney.

Mr Brendan Berghout receives well deserved congratulations from the Chancellor, the Hon. Justice Elizabeth Evatt, upon receiving his Bachelor of Engineering Degree in Civil Engineering.

Brendan was awarded 1st Class Honours along with four prizes for his outstanding efforts in civil engineering and surveying. He received the Tony Herzog Award (Shared with Andrew Abbo and Sharon Murphy); The Hunter Water Board Gold Medallion; The Harid Iplex Water Resources Engineering Prize; and The ACSE Prize in Structural Engineering.
Associate Professor Brian Engel from the Department of Geology, watched his son Geoffrey graduate with a Masters Degree in Engineering.

Geoffrey started his Engineering Degree in 1983, having been awarded a Cadetship from the Hunter Water Board. He had been conducting research towards his Masters thesis for the past three years on a part-time basis, however says that nine years at University was long enough. "It feels good to be finished and I plan to stop studying for a while."

Geoffrey is now working in Sydney, conducting research into the Development of the Bionic Ear.

Alan Husband receives his Doctor of Science degree from the Chancellor, Justice Elizabeth Evatt.

Ms Rita Campbell was awarded a Diploma in Education on Friday, May 1. Rita, who has been a Laboratory Technician with the Department of Biological Sciences since 1985, hopes eventually to spend time in Latvia, her place of birth, to teach English to Latvian students.
Professor Betty Anderson, Associate Professor McEniery, outlined the many achievements of this remarkable and inspirational woman.

Professor Anderson, nurse educator, theorist, curriculum developer and consultant, has sought to gain recognition for the Discipline of Nursing. She has fought to overcome the many obstacles which stand in the way of the Discipline of Nursing being recognised as both a practice and an academic discipline.

Professor Anderson’s commitment to nurse education took her, in 1958, to India and Bangladesh where she worked until 1966. There she was involved in hospital construction and in the implementation of a three year nurse training program in the Bengali language.

From 1969 to 1977 she developed, implemented and managed a combined degree and general nurse training course in conjunction with the University of New South Wales and also undertook curriculum development research for the transfer of Nurse Education into the tertiary sector.

Professor Anderson was Head of the Department of Health Studies at the former Newcastle College of Advanced Education from 1977 to 1984 and was the first Senior Lecturer and Course Director of Nurse Teacher Education.

She was awarded an AM (Member of the Order of Australia) in June 1986 for her services to nurse education and has continued to excel in this field since that time.

She challenged them all to reflect on their own past and present so that they, too, may look forward and create a "vision for the profession of nursing".

Professor Anderson, when reflecting on her own memories, said jokingly that she was a little surprised when she realised that she could make comment about the past six decades. "Time passes so quickly," she said with a knowing smile. Although she recognises that each period of the future will “generate multiple and varied activities”, she nevertheless believes that the 90’s will demand a “clarification of our vision and identity.

“It is important for the future passage that clear goals and deliberate strategies be devised which take account not only of the here and now but also of the living and working in the 21st Century,” she said.

And in case any of the graduands doubted their own ability to influence the course of the future, Professor Anderson quoted Senator Tate in saying that “history does confirm that one person can change the course of history when that person captures the imagination and support of others”.

She told them that by working together they could realise the changes which inevitably need to be made in the health care industry.

Professor Anderson continued her very poignant and inspirational address by reminding graduands that “up and downs, mistakes and achievements, disappointments and thrills alike will contribute to the definition of your identity as a person and as a professional. Of uttermost importance are not the events but your response to them,” she said.

Despite her many outstanding achievements, Professor Anderson assured the graduands that she felt at one with them in accepting her Honorary Degree.

“I feel at home among you,” she told them.

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Professor Anderson acknowledged that in today’s world, graduands will need to be optimistic, describing optimism as “a way of thinking about one’s own behaviour and that of one’s own community in a way that encourages initiative, persistance and bold dreaming.”

No doubt, Professor Anderson has continued to view life optimistically, enabling her to fulfil her own visions and pass her knowledge onto others. She congratulated graduands, extending to them her “fervent wish” that they may feel the exhilaration of victory.

In his address on behalf of all graduands at the 10.00am ceremony on Friday, May 8, Ian Shannon, who graduated with a Master of Business Administration Degree (with merit) stated that the ceremony marked an important milestone for graduates. They had survived their courses which had involved years of commitment and hard work, he said.

Ian reflected on the changes which had taken place during their time at University - “The world has changed, the region in which we live has changed, the University has changed and last but not least, we have changed,” he said.

Ian pointed out that University is not exclusively about facts. “The inculcation of facts is a relatively minor part of the University’s function and at best of short term value,” he said. “As the world changes and human knowledge increases, the facts learnt today will inevitably become less and less relevant, more and more quickly,” was his prediction.

However, according to Ian, this does not matter. “As a result of our studies we now have the ability to learn new facts and skills as the need arises. In short, I believe we have developed enquiring minds.”

Graduates had, over the years of study, developed the ability to question, to learn and to adapt to change, Ian said. “These are the skills that we will need to adapt and progress in our future endeavours,” he added solemnly.

Ian spoke on behalf of all graduates in saying that their most cherished memories of the University are of learning, friendship, personal development and “actually completing what we set out to do.”
In introducing Professor Betty Anderson, Associate Professor McEniery outlined the many achievements of this remarkable and inspirational woman.

Professor Anderson, nurse educator, theorist, curriculum developer and consultant, has sought to gain recognition for the Discipline of Nursing. She has fought to overcome the many obstacles which stand in the way of the Discipline of Nursing being recognised as both a practice and an academic discipline.

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In the words of Associate Professor McEniery, "Betty Anderson is highly respected by the nursing profession for her futuristic and innovative approaches to nurse education and problem based learning which have provided guidance for the teaching and learn task in nursing".

In accepting her Honorary Degree of Doctor of Science, Professor Anderson said that she was deeply honoured to be receiving the award.

In her Occasional Address, entitled "Hindsight, Foresight and Insight", she reflected on the past, discussed the present and suggested a focus for the future of the nursing profession. She reminded graduates that growth is a long and cumulative process, that it is not haphazard but results from having a "vision for the future informed by reflection and a clear sense of identity".

Despite her many outstanding achievements, Professor Anderson assured the graduates that she felt at one with them in accepting her Honorary Degree. "I feel at home among you," she told them.

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"LEARNING, FRIENDSHIP & PERSONAL DEVELOPMENT"

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TOTAL QUALITY MANAGEMENT IN EDUCATION

In his Occasional Address given at the graduation Ceremony held on Saturday May 9, the Vice Chancellor, Professor Keith Morgan, discussed the concept of quality in Total Quality Management (TQM) as applied in industry and commerce. He stated that Government agencies around the world are "enthusiastic in their wishes to apply the concept of TQM to their high cost activities - notably spending on Defence, Health and Education", however expressed concern at the implementation of TQM policies into the education sector.

He said that attempts to quantify comparisons of academic processes in the interest of establishing quality will be both stultifying and unsatisfactory. "In particular, any attempts to impose standard teaching methodologies, course prescriptions or evaluation processes will demonstrate the validity of Greshams Law which for this purpose can be stated as the Good will displace the Best," Professor Morgan said.

"It is an essential component of a university, that we provide an environment in which truly creative people can demonstrate their essential excellence," he added.

Thus it is essential that proper objectives of a university be identified before the concept of TQM is introduced. Professor Morgan outlined the following as the three functions of a University:

"First is the preservation, advancement and dissemination of knowledge and culture. These embrace the functions of research and teaching and that of sustaining the basis of civilisation in the context of knowledge.

"Second is to service the needs of the community by providing access to scholarship, comment and expert advice. This covers both the application of knowledge and skill to meet the needs of society and the provision of independent comment and advice on the direction of society’s development.

"Third is the need to satisfy the aspirations of students for learning. These aspirations will of course include the fundamental academic objective of learning in order to understand; they are likely to include the ambition of learning in order to be equipped to cope with the requirements of life in terms of careers as well as culturally. The notion of enrichment of all students through education lies at the heart of a university," he said.

In achieving these objectives, Professor Morgan acknowledged that it becomes imperative for universities to manage their operations efficiently and effectively to meet the high standards of Quality Management.

"The formation of appropriate skills in the graduates should be readily perceived - these will include technical and study skills, skills in communication, social and professional abilities. And there should also be attitudinal characteristics reflecting standards of truth, honesty and fair-dealing," Professor Morgan emphasised.

A CHANCE TO BE HEARD

Erica Rowley with Professor Victor Emeljanow, Head of the Department of Drama

In her address on behalf of graduands, Erica Rowley pointed out that, in the current social and economic climate, it would be folly to ignore the fact that a tertiary education no longer comes with the guarantee of work.

Erica who holds a Bachelor of Medicine degree from this University spoke on behalf of graduates of the Humanities at the graduation ceremony held on Saturday, May 9, at which she received a 1st Class Honours degree in drama.

Erica stated that their education had given them "the capability to look both critically and openly at our world, the inspiration to learn more about it, and hopefully, the desire as well as the infinite capacity, to work within it".

She thanked their many supporters for maintaining their belief "in the pursuit and worth of academic fulfilment". Erica acknowledged members of staff who had provided knowledge, support and "at times the criticism necessary" to maximise their abilities.

Erica concluded by stating that the degrees they had been awarded would now give them a chance "which simply is not possible for many others. It gives us, at the very least, the capacity to make ourselves heard in the world," she said.

GRADUATION - A RECOGNITION OF COLLECTIVE DETERMINATION

Michelle Birse who graduated on Saturday, May 2, with a Bachelor of Arts in Communication Studies, reflected on the meaning of graduation in her students’ response.

She told of her recent meeting with Aboriginal actor, Ernie Dingo, who commented that the graduation gowns and ceremonies were "heavily laden with a concoction of cultural mythology."

"Perhaps Ernie is right," Ms Birse commented, "there is a lot of pomp and ceremony, but for me, it is a recognition of collective determination," she said.

Ernie Dingo had talked of things happening in cycles of three, "what you know; what you don’t know and what you don’t know you don’t know," Ms Birse recalled. "His words made simple sense of what many people experience at some point of their degree and of the difficult and delicate line universities are asked to tread," she said.

"At this stage of our lives, we have been encouraged to acquire a certain level of knowledge, and have been given a glimpse of what we are yet to know. But, most importantly, we have been shown the way to access this knowledge and perhaps, for me, that is what University has been about. It is here that we have learned to learn."

She encouraged fellow graduands to face the challenge of making what they have been through "pay off" and expressed true thanks to all those who helped the graduands reach their goal.
Four Prizes were awarded at the 1992 Faculty of Economics & Commerce prize giving ceremony held on May 5.

The L.J. Chandler Memorial Prize, which is awarded each year to the best performing part-time student in first year, enrolled in either a Bachelor of Commerce or the Bachelor of Economics degree, went to Ms Rosalie Wilkie who received two High-Distinctions and one Distinction in 1991.

Mr Oh Chong Onn received the Shell Prize, awarded to the best performing full-time student in 1st Year. Mr Onn was well deserving of this prize, having received four High-Distinctions and two Distinctions for his efforts in 1991.

Associate Professor, Dennis Sinclair, Director of Newstat (a division of TUNRA) awarded Ms Clair Alston with the Newstat Scholarship for honours. Ms Alston will receive a total of $8,000 (tax-free) to assist her with her honours research.

The final award presented at the ceremony was the Neil Dickinson Award for the student entering Economics with the highest HSC aggregate. On presenting the award to the 1992 winner, Mr Jonathon Dark, Mr Frank Hawkins, Deputy Academic Registrar, informed those gathered that this award was given in honour of the memory of Neil Dickinson, a former Senior Lecturer with the Department of Economics.

Mr Hawkins outlined Neil Dickinson’s career path, from leaving school at the age of 14 to becoming a lecturer in 1965 and completing his PhD in 1976. He recalled that Neil Dickinson had won a University Medal upon receiving 1st Class Honours in 1964 and stated that it was “quite some achievement to earn a University Medal in the Faculty of Economics. They don’t come easily,” he said.

Neil Dickinson’s efforts were particularly outstanding, as he was the only graduand to receive a University Medal from the University College of Newcastle (associated with the University of NSW) in that year.

Students who win the Neil Dickinson Award are offered a supplementary award if they enrol in 2nd Year Economics, he said.
CONFERENCE FELLOWSHIP PROGRAMME

In 1991 the University of Newcastle ran its first Conference Fellowship Programme which provided financial support for junior academic staff wishing to attend conferences relevant to their professional development.

The programme recognised that, while certain mechanisms exist within Schools, Faculties and Departments at the University of Newcastle which enable junior staff to participate in conferences, the cost of travel and accommodation may be prohibitive factors for these staff. Through attendance at the conferences, recipients of the fellowships were able to take advantage of opportunities to liaise with counterparts, and to attempt to establish collaborative links beneficial to their work and to the University of Newcastle.

Following the success of last year’s Programme, funds have been allocated from the Academic Staff Development budget for one round of Conference Fellowships in 1992. The Fellowships aim to supplement the existing mechanisms of financial support within the University rather than replace them; they are not designed as a "top up" on Research Management Committee travel grants.

Applicants awarded a Conference Fellowship will each receive up to $1,800 to help cover travel, conference registration, accommodation and living expenses. Heads of Department/Directors of School may wish to supplement this amount at their discretion. Salaries will continue to be paid by the University, while staff replacement costs will remain the responsibility of the participant’s Department/School.

Applicants are eligible for subsistence up to the maximum per diem rates stipulated by the University and are encouraged to take advantage of Apex and Excursion travel offers wherever possible. It should be noted that the conference Fellowships are for conferences scheduled to take place by the end of July 1993 and that funds allocated need to be committed in 1992.

Applications are invited from academic staff with no more than three (3) years’ academic experience (at the time of the conference) or who have recently re-entered the academic workforce or are able to provide clear evidence that the conference they wish to attend will help in the substantial re-orientation of their academic careers.

Applications close Friday, June 5, 1992.

For further information and application forms, please contact Ms Lisa Marshall, Academic Staff Development at (049) 21 6570

SUPPORT FOR ACADEMIC WOMEN

As part of a scheme to encourage staff development within Australian Universities, the Department of Employment, Education and Training granted $15,000 in late 1991 to the University of Newcastle to be made available for study leave purposes for women academics.

A Programme of Support for Academic Women has been initiated in response to the grant. Under the Programme, the University will lend financial support to cover a maximum of one semester (16 weeks) to allow junior women academic staff time to undertake research or study consequent to their work. This financial support is to be used by the successful applicants’ Department for the purpose of funding replacement staff during the applicants’ absence.

The programme is in support of Level A and B women academics and will only be available to those undertaking research degrees, or the research component of a degree. Normally full-time support will be given to applicants.

The programme will be available during the second semester of 1992 and the first semester in 1993.

Applications close Friday, June 5, 1992.

For further information and application forms, please contact Ms Lisa Marshall, Academic Staff Development at (049) 21 6570.

INTERNATIONAL EDUCATION CONSULTANT VISITS NEWCASTLE UNIVERSITY

Mr Sivanandarajah, Director of the International Education Consultancy, which is the official representative organisation for the University of Newcastle in both Sri Lanka and the Republic of Maldives, recently visited the University.

Mr Sivanandarajah has been providing prospective students from Sri Lanka and the Maldives with professional advice and information since 1988. There are currently over 30 students from these countries studying towards Bachelor and Masters degrees at this University.

During his time at the University, Mr Sivanandarajah spoke to students and staff about their degrees and living in Newcastle. He says that the feedback he received was very positive.

Mr Sivanandarajah was delighted to learn of the inauguration of the Sri Lankan Students’ Association.

Any staff interested in either Sir Lanka or the Republic of Maldives may contact Mr Sivanandarajah at Suite 104, Office Complex, Ceylon Inns, 501 Galle Road, Colombo 6, Sri Lanka.

Nurses Day... Cont. from p4

“From health promotion to terminal care, and from home assessment to family caregiver support, nurses are drawing upon their knowledge, creativity and commitment to meet the health needs of these special people.

"Providing quality care to older adults is, and will continue to be, one of the major challenges facing health providers and social policy makers in the years to come. Nurses in all fields can be at the forefront of this endeavour of 'Healthy Aging’," she said.

Ms Schulz said that some of the strategies for healthy aging are to encourage older adults to share their creativity, knowledge and wisdom as well as making them, and the rest of the community aware of the importance of promotion and maintenance of good health and a positive outlook on life.

She said that the general community needed to be aware that there are about 488 million people in the world who are 60 years of age or older. By the year 2,000, this number is expected to reach 612 million.

"Healthy aging, according to the World Health Organization, is best measured in terms of function rather than pathology. Good health and successful aging is defined in terms of the ability to function autonomously within a given social setting,” Ms Schulz added.
FOR SALE

Solid Berryman single bed and bedside table for sale. Must sell. Best offer accepted. Please telephone Extension 5412 or 46 8582.

Acoustic Guitar, "Maxtone" (Model JG-824), almost new plus two beginner books, $150 or near offer. Please telephone Ron at Extension 6071 or 57 5574.

HOUSES FOR SALE

New Lambton Heights, five years young, with all modern inclusions. Four bedrooms (all with built-ins including mirror walk-in-robe), ensuite and three way bathroom, lounge, dining, separate eating and family room. Double carport and shed, complete landscaping, 70 foot verandah overlooking gumtrees estate, spectacular views. Priced to sell: $195,000 or near offer. Please telephone Extension 6288 (voice mail) or 57 4760 (after hours).

Tamworth - Three bedrooms, lounge, dining, study/reading room, recently renovated kitchen and sunroom (100 years old in a tree-lined street). The house is situated on a large block which features an established garden, saltwater pool and barbecue (entertainment area). Within walking distance from shopping centre and all public facilities. Asking price: $205,000. For further information please contact John Richards at Extension 6101 (Chemical Engineering).

HOUSE FOR RENT

Academic going on leave in semester two has house for rent in Cooks Hill. Immaculate two-bedroom terrace house, extended and renovated, fully furnished. Close to Darby St, bus routes and schools. Exact dates negotiable. Please telephone Extension 5092 or 26 4003 (late evenings).

WANTED - HOUSE TO RENT

Three or four bedroom furnished accommodation required for visiting academic and family from mid-July to end-August 1992. Please telephone Margaret Lane, Geography Secretary at Extension 5080.

INTERESTED IN WEAVING

If you are interested in learning to weave rattan cane, seagrass etc. For further details please contact John at 52 6925.

CHILDBIRTH EDUCATION & PARENTING ASSOCIATION (CEPA)

Small group, comprehensive pregnancy and childbirth classes, including active birth techniques, running again. First group commencing May 28 for seven weeks. Second group commencing late July.


FOR SALE

Phillips 3 in 1, Stereo remote control unit, Double cassette, Digital radio, Phono, 5 play compact disc, $650.00 Phono. 58 6698

WANTED

Students to partake in a psychological study investigating the relationship between health and personality.

People of all sorts are required to answer a series of questionnaires and to undergo free allergy skin tests.

Enquire at Room 123, Psychology Building, West Campus, between 10 am and 6 pm, May 25 to May 29.

Further information is available from Ray Dooley at 32 6906 or Dr Maryanne Gauch at 21 5965.

LETTER TO THE EDITOR

Dear Sir, Madam:

I comment Susan Jones on her reply concerning feminism but question her bias as a feminist in her present position. How can she, as an EEO Co-ordinator, justify her aggressive stance regarding affirmative action for women and, hence, negative action against men. To my knowledge, there are no male EEO Co-ordinators!

Over the last few years, this university has made considerable advances to compensate people for being female. Taking a recent case, the university awarded 100% of the female Principal Lecturers transfer of title to Associate Professor; whereas only 15% of the male Principal Lecturers were similarly awarded that title. Before the amalgamation, we were equal. This, presumably, is the result of affirmative action for women?

When will the university adopt an equal opportunities policy of appointment and promotion on merit rather than according to sex, whether that be male or female. This, I believe, should be the overt policy of the EEO Office and its co-ordinator not action for or against any one group.

Dr Roger Coldwell.

ARC COLLABORATIVE RESEARCH GRANTS: 1993 ROUND

The 1993 round of the ARC COLLABORATIVE RESEARCH GRANTS PROGRAM has now been announced. This program aims to support high quality research which has the potential for economic and social benefit to Australia and to encourage research collaboration between higher education institutions and industry.

The Objectives of the Program are to:

- provide support for higher education researchers who wish to bring advanced knowledge and techniques to bear, in any field of research other than clinical medicine and dentistry, on problems or opportunities in order to obtain economic or social benefits for Australia;
- develop co-operative links between higher education institutions, industry and public sector users of research; and
- develop within higher education institutions greater understanding of industry's needs and how researchers may help to meet them.

Funds will be provided up to a maximum of a dollar for dollar matching basis with industry. While funding will be on a lesser scale than that provided through Co-operative Research Centres, it is expected that some of the projects supported through the Collaborative Research Grants program will, according to the norms of relevant disciplines, be substantial undertakings.

In view of the limited funds available for allocation in the early years, it is expected that only a few grants larger than $200,000 will be offered, with the average being between $50,000 and $100,000. In 1993 around $6.7 million will be allocated, with the final amount to be determined in the light of the quality of applications.

Collaborative Research Grants, which will be awarded for up to three years, will be available in all areas except clinical medicine and dentistry. This includes work in the social sciences and humanities as well as the natural sciences and engineering.

Further information and application forms are available from the Office for Research (215505).

APPLICATIONS MUST BE SUBMITTED TO THE OFFICE FOR RESEARCH BY JUNE 12, 1992

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Research Grants for 1992

Information on the following grants is available from the Office for Research - Telephone 21 5305

Closing Date to Office for Research

Criminology Research Council
Support for research projects which are likely to produce results of relevance for the prevention and control of crime throughout Australia.

Australian Kidney Foundation
Grants-in-aid for medical research.

Cancer Council Research Project Grants
Research projects in all aspects of cancer which elucidate its origin, cause and control at a fundamental and applied level.

Department of Prime Minister & Cabinet
Co-operative Research Centres Program (Round 3).

Australian Tobacco Research Foundation Research Grants
Research into the relationship in Australia between smoking and health and disease in its widest context.

The Apex Foundation for Autism
Grants in the area of research to advance the knowledge, treatment or prevention of autism or to promote health, welfare or general well being of autistic people.

RV Franklin - Ship Time Available - National Facility
Steering Committee Oceanographic Research Vessel-for the conduct of physical, chemical & biological oceanography.

Clive & Vera Ramaciotti Foundations
Grants are available in 1993 for specific projects in medical research, particularly new fields.

Scientific Exchanges with the UK - 1993
Australian Academy of Science. To support collaborative research between Australian and UK researchers.

Arthritis Foundation of Australia
- Ten research grant schemes are administered by the Arthritis Foundation, ranging from seed grants to grants in specific areas, eg osteoporosis, lupus, Pagets Disease.

Australian Electricity Supply Industry Research Board

Rhone-Poulenc Fellow
- Grant for Scientific Visit to France-1993. Under the Bede Morris Fellowship Scheme.

Dairy Research & Development Corporation
Research projects which will benefit the dairy industry.

Scientific Exchanges with Japan - 1993/94
Australian Academy of Science. To support collaborative research between Australian and Japanese scientists.

Scientific Exchanges with China - 1993/94
Australian Academy of Science. To support collaborative research between Australian and Chinese scientists.

FELLOWSHIPS, CONFERENCES & PRIZES

ARC Reciprocal Research Fellowships with the Federal Republic of Germany.
Recipients are nominated by eminent scholars in the host country. The research areas for this award are the natural sciences or engineering, humanities and social sciences.

ARC Reciprocal Research Fellowships with Korea
The research areas for this award are the natural sciences or engineering.

French Government Scientific Fellowships
To assist scientific/technological researchers to visit institutions or laboratories in France.

Rothmans Foundation Fellowships
Open to graduates of any University for the specific purpose of postdoctoral research.

Arthritis Foundation of Australia
- Five types of fellowships available, tenable in Australia, USA, Canada, UK. Also three scholarships available.

ARC Australian Research Fellowships (Industry)
Open to scientists, mathematicians, engineers, social scientists and researchers in the humanities, working in an industrial or commercial environment.

1992 Asia Pacific Microwave Conference & Fifth Symposium on Millimetre and Submillimetre Waves
Adelaide Convention Centre. (Note: Date given above is actual date of conference.)

Australian Federation of University Women - Queensland
Freda Bage and Commemorative Fellowships. To assist women not in receipt of pay or on paid leave in postgraduate research.

Postdoctoral Fellowships in Japan
Australian Academy of Science - Awards for scientists 1993/94.

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TAE KWON DOE TOURNAMENT - JUNE 7

The University of Newcastle's Hwa Rang Tae Kwon Do Club will participate in a local club tournament to be held on June 7, 10.00am, at the Merewether High School Gymnasium.

The tournament which, according to club member, David Wilks, will be "spirited and keen", will include full contact and one-step sparring and team pattern competitions.

University of Newcastle Black Belts will also be demonstrating their complex pattern movements, breaking and weapons techniques.

The Club invites anyone interested to go along to the tournament. A small entry fee of $4 for adults and $2 for children will be charged.

According to David, the club tournament will provide competitors with a chance to test and further hone their skills before competing at the Intervarsity Tae Kwon Do Tournament to be held at Monash University from July 6 to 10.

Anyone interested in joining the University's Tae Kwon Do Club should contact Ben Capotosto at 69 5591 or David Wilks on 49 7707.

CERAMICS & WALL CONSTRUCTIONS AT NEWCASTLE REGION ART GALLERY
May 16 - June 7, 1992

The Newcastle Region Art Gallery is pleased to present the latest works by two of Newcastle University's art lecturers, Michael Keighery and Pam Sinnott.

Michael Keighery's ceramics are humorous representations of disposable packaging, which react against the idea of traditional and stylish forms of pottery. Keighery has created ceramic "polystyrene" containers and beer cans and embellished them with features like "stylish" handles. In this way he is exploiting the "Making Do" attitudes of Australians and is satirizing the notions of taste.

Pam Sinnott's wall constructions are assemblages using mixed media, including the results of fire, to investigate the labyrinth form. These huge panels represent the Universal Mother and journeys through life.

The artists will conduct a forum in the Gallery on Wednesday, May 27 from 12.15 to 1 pm and will discuss the concepts and techniques of their works.

Guided tours of the exhibition are available, however one week's notice is appreciated. Please telephone (049) 29 3265/26 3644 to make a booking. Guided tours of the current exhibitions take place each Sunday from 2.15 to 3 pm. No booking is required.

The Gallery is open from 10 am to 5 pm Monday to Friday; from 1.30 to 5 pm Saturdays and from 2 to 5 pm on Sundays and Public Holidays.

Free entry sponsored by PWCS on behalf of the Hunter Valley coal export industry.

The Newcastle Region Art Gallery receives funding from the New South Wales Government through the Ministry for the Arts.

DISPELLING THE MYTHS - HIV/AIDS

The Department of Communications and Media Arts will be presenting the following lectures in Room B13, Hunter Building.

Monday, May 25, 1-2pm
AIDS Narratives - Gay Sex and the Hygienics of Innocence, Michael Hurley with Jodie Brooks.
A performance/lecture that challenges the ways in which we talk about AIDS - an analysis of media and medical commentaries of HIV/AIDS.

Monday, June 1, 1-2pm

For further information please contact Terese Davis or Kathy Triffitt at 21 6633.

SO WHERE IS "BUILDING C"?

We wish to advise anyone looking for rooms with the prefix 'C' (CG104, C101 etc) to firstly check what building the room is in before circumnavigating the University campus.

"Building C" refers to the Geology Building, located on the western side of campus. The Hunter Building, located on the eastern side also has rooms identified with the prefix 'C'.

Associate Professor Robin Officer, Head of the Department of Geology suggests that anyone advertising a class in either the Geology Building or the Hunter Building identify the building itself as well as the room number, "thereby obviating the inconvenience of having to travel across campus to the correct venue."

The BULLETIN

The BULLETIN is the main organ of communication inside The University of Newcastle.

Published on a fortnightly basis, the publication disseminates campus news not only to staff and students of the University but also to graduates, community leaders and members of the media.

Copies are also supplied to students of the University Conservatorium of Music and at the Central Coast Campus.

The BULLETIN is produced by the Information and Public Relations Unit using PageMaker, Corel Draw and Wordperfect applications.

Letters to the Editor (no longer than 300 words and signed), reports on outstanding and unusual research, advertisements and news stories are particularly welcome.

The BULLETIN is edited by Sonja Duncan. Please contact either Sonja or Mrs Linda Aurelius on Extensions 6440 or 6457.