AMALGAMATION

VICE-CHANCELLOR'S REPORT

Members of the University are aware that the Council held a special meeting on July 23 to consider the "Statement of Agreement on Broad Principles for the Amalgamation of the University and the College", and the submissions which it had received on the draft Statement after it had been circulated widely.

Whilst support could be said to exist for the broad thrust of the Statement, many aspects were of concern to individuals and groups within the University and these were given detailed consideration by the Council. As a result, an amended Statement has now been proposed in a form which would be acceptable to the Council and this Statement is printed on this page for the information of all members of the University.

The Council also considered the Appendix to the Statement setting out the composition of the initial Council for the amalgamated University and has asked the negotiators to take up the points which have been raised and the principles on which such a composition should be based. In addition, the Council has asked the University negotiators to discuss the question of the location of higher degree work in the amalgamated University.

The negotiating team are to meet shortly and the outcome is to be reported to the Council at its next meeting on August 20, 1982. D.W. George.

1. The name "The University of Newcastle" shall continue and within that institution there shall be a College of Advanced Education, being that part of the University responsible for the provision of advanced education courses.

2.1 The composition of the Council should be such that it is representative of institutional members through officers, academic and non-academic staff and students; and of the community through persons nominated by Parliament, by the Minister, by Convocation(s) and by the Council itself.

The 1982 Campus Scamper on July 28 attracted about 50 runners, who were started by the Activities Organizer, Mr. Jock Armstrong. The winning female team was Gail Blackwell, Kay Stone and Alex MacDonald and Lindsay Kleeman, David Firman and Albert Nymeyer were the runners in the winning male team. First female across the line was Kim Jenkins and the winning male Albert Nymeyer.

INSIDE - ENGINEERING CONFERENCES
2.2 The restructured Council should operate if possible from 1.1.83. Before the establishment of the restructured Council advantage might be gained by holding some joint meetings of the two Councils.

2.3 The category Convocation (s) shall include provision for graduates, and others as appropriate, of the College and its predecessor. Discussions are to be commenced as soon as possible with interested parties.

3.1 The Vice-Chancellor shall be the chief executive officer of the amalgamated institution.

3.2 The Principal (to be renamed the Director) of the College who shall be the executive officer of the College and Chairman of the Academic Board, shall be the case of the Vice-Chancellor for the functioning of the College. The Director shall have the right to place any matter before Council.

4. The Senate and Faculties shall continue with essentially their present composition, constitution and functions.

5. The College of Advanced Education Academic Board shall continue with essentially its present composition, constitution and functions.

6. Since the teaching and examining responsibilities for advanced education awards shall remain with the Academic Board, and the teaching and examining responsibilities for the University sector shall remain with the Faculties and Senate, the origin of all awards conferred by the University shall be clearly identified.

7. There shall be representation by Senate on the Academic Board and of the Academic Board on the Senate; the representation shall be of size and composition to be determined, but of the order of four to five in number.

8. There shall be cross-representation where appropriate on Faculties/Schools of a size and composition to be determined.

9. A representative Global Budget Committee shall be formed which will have particular concern with the precise definition, content and delineation of funding.

10. There shall be established an Academic Development and Planning Committee comprising the Vice-Chancellor, the Director of the College, representatives of the Senate and the Academic Board of a total size of the order of 15 which will consider, of its own accord and on reference from the Senate and the Academic Board, innovations and amendments to teaching procedures which involve co-operation between the academic staff in the University sector and the College sector. The Academic Development and Planning Committee, having determined on recommendations, shall refer these back to the Senate and the Academic Board for comment and subsequent transmission to Council. (The Academic Development and Planning Committee would be concerned with major initiatives and its remit does not preclude agreements at other levels — Departmental or Faculty/Schools in matters of co-operation and the presentation of courses).

11. A Co-ordination Committee, with a currency of two years, shall be established to recommend to Council action on rationalisation in courses, teaching arrangements, administrative and support functions and the utilisation of facilities, after discussion with the Departments and individuals most closely affected. The Committee will commission working parties with clearly defined terms of reference. The Co-ordination Committee would include the Vice-Chancellor, the Vice-Principal, the Deputy Chairman of Senate, the Director, the Assistant Principal (to be renamed Deputy Director) two others, one to be nominated by Senate and one by Academic Board, two members of the non-academic staff and two students, in each of the last two cases one to be nominated from that category of membership of the University Council and one from that category of membership of the last College Council.

12. The Higher Education Board shall be asked to delegate its advanced education responsibility of approving, accrediting and monitoring advanced education courses to the Council acting on the recommendations of the Academic Board.

13. All College staff shall be transferred to the University and shall:

- be paid salary or wages and allowances at the rate not less favourable than the rate that was payable to such members of staff while employees of the NCAE.
- be employed with conditions of employment not less favourable than those enjoyed as employees of the NCAE.
- retain all rights accrued as employees of the NCAE.

The Act, By-laws and Regulations governing the employment of present members of the staff of the University of Newcastle shall not be changed.

The foregoing provisions shall not preclude the Council from determining in the case of title, duties or status of a particular office conditions less favourable than those upon which such office was previously held in the University or held in the Newcastle College of Advanced Education.

Furthermore, the resolution of anomalies arising from there being one employer instead of two shall be afforded the highest priority.

(In October, 1981, the Council resolved:

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

Until the appointment of a single Council, in respect of appointments in the University and in the College which have actual or potential relevance for present and future developments, selection committees shall include representation from both the University and the College — this policy is to be introduced forthwith.

There will be transfer to the University of all current advanced education students under the rules presently pertaining to their courses. Such a student will be enrolled in the University in an
advanced education course that is substantially the
same in academic content as the advanced education
course in which the student was enrolled at the
College.

16. Student-controlled and
mainly student-oriented
bodies shall negotiate
their future arrangements
whether for amalgamation,
co-ordination, co-operation
or continued separation
within the spirit of
their current applicable statutes
and/or regulations in
a manner acceptable to the
University Council.

17. Discussions towards integra-
tion of the administration,
library and general
service areas are to be
continued, subject where
appropriate to prior agree-
ment on the academic struc-
ture but major staff
changes are not to be put
into effect until a new
single governing body comes
into operation.

ENGINEERING CONFERENCES

The University is to be host
to two national conferences in
the vacation.

The Eighth Australasian
Conference on the Mechanics of
Structures and Materials will be
held from August 23 to
25.

Concurrent with the clo-
sure of that conference, the
Second Conference on Control
engineering will open. The
Conference will close on August 27, embodying several
sessions over three days.

The Conference on the
Mechanics of Structures and
Materials will bring to New-
castle about 50 engineers, ac-
academics and consultants repre-
resenting universities, the CSIRO,
the Faculty of Military Studies,
Duntroon, consulting engineer-
ing firms and research instit-
utes.

As well as a large number
from State and inter-state, the
party of guests will include
Professor R. Shepherd, of the
University of Maryland, Dr. W. Kanok-
Metz, France, Dr. R.E. Mc
Donnell, of Cambridge University,
United Kingdom, Dr. W. Kanok-
Nukulchai, of the Asian Institut-
e of Technology, Bangkok, Dr. T.
Greene of CSIRO, Belgium,
Mr. A.R. Yadav, of the Papua-
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New Guinea University of Tech-
ylogy, and Dr. R.J.H. Wanhill,
of ANU, The Netherlands.

It will be the first Con-
ference on the Mechanics of
Structures and Materials to be
held at this University.

The conference is aimed at
providing a forum for the pre-
sentation of papers on the broad
fields of structures and materi-
als and on the occasion when re-
searchers and practitioners can
meet and discuss recent advances
in the fields. The meeting
is being sponsored by the Fac-
culty of Engineering with support
from TUNRA.

The Vice-Chancellor, Pro-

essor Don George, will perform
the official opening in the
Mathematics Lecture Theatre on
August 23 at 9.30 am.

Professor W. Trahair, of
the University of Sydney, will discuss the communication of re-
search findings to practising
engineers in his invited ad-
dress at 9.45 am.

The Conference Dinner will
be held on August 24 at 7 pm in
the Staff House.

* * *

The Control Engineering Confer-
ence has been organised by the
National Committee on Control
and Computational Techniques
of The Institution of Engineers,
Australia.

It will be a gathering of
about 150 engineers, scientists
and technologists who are inter-
ested in current developments
in industrial automation.

The theme will be Merging
Technology and Theory to Solve
Industrial Automation Problems.
Sessions will be held in the
Faculty of Engineering.

Professor H.N. Rosenbrock,
Professor of Control Engineer-
ing at the University of Man-
chester Institute of Science
and Technology, will deliver
the keynote address on August
25 at 10.50 am in the Engineer-
ning Lecture Theatre. It is ex-
pected that his subject, Robots
and People, will arouse consid-
erable interest.

There will be a large num-
ber of technical and discussion
sessions over the three days of
the conference.

At a reception in the
Staff House on August 25 at
5.45 pm visitors will be wel-
comed.

The Conference Dinner will
be held at Wynnum Estate at
Branxton on August 26 at 7.30 pm.

The conference will offer
a coach tour of Newcastle and
Lake Macquarie on the Saturday,
August 28. Inspections will be
made by the Port Waratah Coal
Loader and the Eraring Power
Station.

Professor Graeme Goodwin,
of the Department of Electrical
and Computer Engineering, and
Mr. John Edwards, of Industrial
Automation Services Pty Ltd.,
will be Co-Chairmen of the con-
ference.

The Faculty of Engineering where visitors will gather for the
Control Engineering Conference from August 26 to 27.

At the various working
sessions over two and a half
days, participants will submit
papers on structural analysis,
dynamics and stability, struc-
tural assemblies and other sub-
jects within the fields of the
conference.

The Conference Dinner will
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Automation Services Pty Ltd.,
will be Co-Chairmen of the con-
ference.
He will be accompanied to Canada by his wife, Kathleen, a former nurse, and his three young daughters.

He is regretful about leaving Newcastle, which, he says, has the ocean and other great benefits.

"The Department of Psychology is a very good one by any standards, in particular in respect of the more technological aspects of the discipline". Unfortunately, he feels he has identified an over-concern by students with future employment, which in many ways is detracting from the staff's ability to deal with the more fundamental issues of Psychology.

Moreover, he is worried by the University having been put at risk by the proposal to amalgamate with the CAE.

"When I came back here in 1978, Australian universities were pretty equal in academic standard. I fear that after amalgamation with the CAE we will not be able to continue to maintain an equal standard. We look like having a two-tier university system in Australia and, perhaps Newcastle University will lose a lot of its postgraduate programmes. A situation like that will be very sad for Australia, where young people have always tended to use their home universities to obtain good degrees. With amalgamation there will be a risk that they will not be able to continue to do this. "Mix the students' concern at finding jobs with the amalgamation issue and you risk changing the University into a glorified CAE."

Dr. Terry Caelli, Senior Lecturer in Psychology, has resigned. He plans to take up his new appointment to the Killam Memorial Chair in Science at the University of Alberta in Edmonton, Canada, on November 1.

The Killam Chair is an all-research position, endowed by the Alberta Provincial Government from income from oil production.

Dr. Caelli, 35, has a mixed background. His parents live in Waratah. One of six children, he was a musician and a priest before commencing at this University as a student.

After Terry left Marist Brothers High School in 1963, his liveliness for a year was playing jazz clarinet.

In his own words: "Then I 'saw the light' and entered a seminary to study for the priesthood. After two-and-a-half years at Springwood, I was sent to The Vatican in Rome to continue work on theology. However, I experienced 'theological problems' and decided to leave the priesthood. During his period as an undergraduate, he was a familiar figure on campus because of his clarinet-playing with various bands including, Uncle Willie's Dead Nephews. He was awarded a B.A. with Honours Class I in Psychology and, in 1975, a Ph.D. for a thesis on Visual Pattern Recognition.

The time from 1974 to 1977 was spent teaching at the University of Melbourne and on leave at Bell Laboratories in New Jersey, United States of America.

Dr. Caelli has taught in the Department of Psychology at Newcastle since 1978 and is the author of 50 scholarly articles and a book, Visual Perception Theory and Practice (Pergamon, Oxford 1981).

The survival rate among those who are elected student members of Council is low. Studyloads and broken terms of office are among the factors which diminish their length of service.

Stephen Date is an exception. He recently completed five years' membership of the Council. His current term of office runs until October, 1983.

Stephen, who holds a B.A. degree and is enrolled as a B.Ed.Stud. student, was first elected in 1977 and returned as a student member of the Council for terms beginning in 1978, 1980 and 1982.

Margaret Kavanagh, who holds the other student position on the Council, was elected in 1981. Her term of office expires in December.
Dr. Howard Bridgman, Lecturer in Geography, has helped to initiate an action group to submit proposals for alterations to the Hunter District Water Boards' new water-charging system. At a public meeting of about 1,000 people on July 22, Dr. Bridgman was elected to a committee of 10 to be known as the Hunter District Water Board's Consumers' Committee. More recently, he was elected Convener and Spokesman for the Committee.

The user-pays system of water charges was introduced by the Water Board on July 1 and many residents of the Board's Supply Area have protested because they say they face large increases in water rates.

The Newcastle Herald has received an unprecedented number of letters on the subject. The system is based partly on the old method of land valuation and partly on a pay-what-you-use system.

Kulcha Nite

Following complaints about events at the Kulcha Nite on July 9 organised by the Engineering Fraternity, the Vice-Chancellor has told the Fraternity "without equivocation" that he was aware of the good work carried out by the Fraternity in many other areas but was not prepared to excuse or condone the activities that took place at the Kulcha Nite. "These reflect no credit on the Fraternity and can only tarnish the reputation of each and every one of its members and that of the University as a whole", the Vice-Chancellor said.

He believed that the University Administration should interfere officially as little as practicable to control the activities of any student organisation. "This must depend on the good sense and propriety of the members of those organisations to ensure that all activities are kept within proper bounds.

However, Professor George told Mr. Mayne, the University must act to protect its reputation where it saw this to be at risk. It was, therefore, as a result of the events at previous Kulcha Nites that concerns were expressed to Mr. Mayne prior to July 9. "I take a serious view of the fact that these concerns were disregarded.

If the Fraternity, by organising in the future any type of activity which had the effect of bringing the University into disrepute, demonstrated that it had no concern for those standards of behaviour acceptable to the University then the discontinuation of all its activities in association with the University would have to be seriously considered.

Professor George added that he expected the stricture to be brought to the attention of all current and future members of the Fraternity and its organisers.

RECITAL

Judy Cassab, the well-known Sydney artist, has been commissioned to paint a portrait of the late Professor David Maddison the Faculty of Medicine's Foundation Dean who died suddenly late last year. In order to help raise the not inconsiderable amount of money needed, two Medical IV students, Richard Hallinan (violin) and Edward Grelve (bass trombone), will be performing in a benefit concert with all proceeds going to the portrait fund. The concert is scheduled for the evening of September 2 in the Arts Drama Theatre.

PRIZEWINNER

Professor Oscar Handlin, of Harvard, is to visit the University to conduct a seminar in the Department of History. The seminar, in the History Common Room on August 25 at 2.15 pm., will discuss Problems and Prospects of Urban History.

Born in Brooklyn, Oscar Handlin has an awesome reputation as a historian. He has held a number of endowed chairs at Harvard and his honours include the Pulitzer Prize for his book on immigration, The Uprooted.
TEACHING SCHOLARSHIP

Owen Hanson

Diploma in Education student Owen Hanson is to take up a teaching position at the lycée Champollion, a high school in Grenoble, France, for about a year.

Youngest of four children of Cardiff parents, Owen, who holds a Newcastle B.A. degree with Honours Class I in French, will be sponsored by the French Government.

Owen will have the opportunity to meet up with John West, another graduate of the French Section, currently studying at Grenoble University, also on a French Government Scholarship.

As an assistant at the lycée Champollion Owen's duties will involve teaching English to high school students preparing for their final examinations.

FRANKLIN RIVER

The preservation of the Franklin River in Tasmania will be discussed by Dr. Bob Brown at a meeting in Lecture Theatre 801 on August 25 at 7.30 pm.

Dr. Brown is Director of the Tasmanian Wilderness Society.

His presentation will include a film and slides of the south-west Tasmanian wilderness.

CLONING PLANTS

As reported in the last issue of University NEWS, Dr. Ray Ro... (above), Senior Lecturer in Biological Sciences, and researchers working with him have developed a technique of cloning plants from single plant cells. The plants he is examining are tobacco plants which he grew under a controlled environment and which he uses as a source of single leaf cells for the cloning process.

stress

Last week approximately 20 members of staff finished the Stress Reduction Course run by Pat Loftus and Peter Bamford of the University Counseling Service.

A number of techniques including relaxation, imagery and self-hypnosis were taught and course members discussed areas of stress in their personalities and personal life as well as in the work area. Tests done before and after the course demonstrated a significant increase in the participants' feeling of well-being over the period.

Typical comments made in the follow-up questionnaire were: "... very rewarding..."; "A good experience and a useful exposure to the techniques of personal management..."; "Helped very much in identification of the amount of stress I'm under — how it affects me and where".

Staff working in the New... (above) building who were unable to attend this course because it was held on the Shortland campus will be offered a course in their own building in Term III.
FROM SOUTH AFRICA

Professor Alan Roberts' active interest in the field of bulk solids handling prompted the Institution of Mechanical Engineers, South Africa, to ask him to visit their country. Professor Roberts, Professor of Mechanical Engineering at the University of Witwatersrand, Johannesburg, and holding discussions in academics from the University, Pitched primarily at professional engineers, the three-day course was also available by members of the University's staff.

MATHEMATICS

Interested in the theory of combinatorial designs? If so, you can hear Dr. R. Stinson, of the Department of Computer Science at the University of Manitoba, Canada, give two seminars on various aspects of the subject.

The seminars will be held at 10 am in Room V126 in the Mathematics Building on August 11 and 18.

FROM ENGLAND

English academics, Professor David Aspin and Professor Harry Armytage, will visit the Department of Economics in August-September.

Professor Aspin, of King's College, University of London, whose major field is the Philosophy of Education, will be in Newcastle from August 4 to 7.

Professor Armytage, who till his recent retirement held the Chair of Philosophy at Sheffield, will visit the University from September 8 to 11.

Professor Aspin has written a number of papers applying philosophical and theoretical principles to a range of educational and cultural issues, especially with respect to the school curriculum. These include health education, the Arts, creativity in sport, movement and physical education, music, modern languages and special education.

Professor Armytage will be remembered as a visitor to this University in 1977. He has written books and articles on a broad range of educational, literary and technical subjects. Amongst the topics he will be discussing during his current tour of Australian universities are: the Australian influence on English education; three post-war longitudinal studies in Britain; the "futures" debate; demography and education; technology and the role of schools in an age of ethnic mix.

A number of lectures and seminars are being arranged for Professors Aspin and Armytage. Persons interested in hearing them speak, or in arranging talks, should contact the Department of Education.

STAFF BOOK RELEASE

Professor Clem Tisdell, of the Department of Economics, is the author of what is recognised as the first comprehensive book on feral pigs in Australia, just published by Pergamon Press.

Professor Tisdell has co-authored the book, Micro-Economic Policy, with Professor Keith Hartley of the University of York.

Wild Pigs: Environmental Pest or Economic Resource? outlines the damage caused by feral pigs to primary industry, forests and wildlife, as well as considering their commercial and recreational uses. The book discusses the world-wide problem of feral and wild pigs as pests, their origin, growth and present status in Australia and their control by various Australian governmental bodies.

Contents include sections on the recreational hunting of wild pigs, landholders' commercial gains from amateur pig-hunting, commercial uses of wild pigs for meat and other products, pigs in national parks and as a threat to wildlife, health and disease risks from wild pigs and methods and economics of the control of wild pigs.

Micro-Economic Policy is written for students interested in the application of micro-economics to policy issues in capitalistic-type economies. Throughout, the emphasis is on analysis rather than description.

The book is designed for late first-year and second-year higher education students who have a basic knowledge of micro-economic theory.

In addition to applying standard theory, the authors have introduced students to some of the more recent developments in the subject. These include the economics of politics, bureaucracies, and public choice; the economics of population; managerial theories of the firm, multi-nationals, labour-managed firms, advertising and regulation; energy and pollution; public sector micro-economics, including defence, alliances, nuclear weapons and choices, and the economics of conscription versus an all-volunteer force.

The enterprise was greatly facilitated by Professor Tisdell's visits to the United Kingdom when he spent a term lectured at the London School of Social and Economic Research (ISER), the University of York.

WILD PIGS: ENVIRONMENTAL PEST OR ECONOMIC RESOURCE?

C.A. Tisdell
When demand for haircuts dropped significantly early in the 1970s Georgetown barber, Mr. Norm Allen, had to look for another job.

Norm came to the University, breaking a 35-year period as a self-employed "tonsorial artist". "The trend to long hair left me with no alternative to closing up my shop", Norm said. "Now there are only two barber shops in Waratah, Georgetown and Sunnyside, compared with five when I was in the trade".

In 1972 Norm was appointed Faculty Attendant in the Faculty of Economics & Commerce, the position from which he retires on August 6.

Norm says his interaction with staff and students over the last nine years has been most enjoyable and without any antagonisms.

Many will say the same about their interaction with Norm, who always speaks to people and is very well-liked across the campus.

"When I left the shop, I was told that I would miss being my own boss, but, really, my customers were my boss. At the University the secretaries are my boss. However, it would be impossible to say a word against any one of them".

Although Norm Allen was born in Singleton, he has lived in Mayfield West almost all of his life. He is ready to turn to the role of retired citizen. He says he will be frequently seen on the blue water at his favourite fishing spot, Lemon Tree Passage.

Norm also intends to maintain his involvement in the Boy Scout movement — he has been Treasurer of 3rd Mayfield Group for more than 30 years. Moreover, as the opportunity presents itself, he will travel to Tasmania, New Zealand and other interesting places.

Norm is a widower with two sons and a daughter and five grandchildren.

The Radio Busking Weekend on July 24 and 25 was an exciting event for 2NUR-FM, which organised it. "Live-to-Air" presentations by local bands and musicians were among the special features. All kinds of music was broadcast from the University, including Jay (The Maryville Jazz Band pictured above was one of the performing groups.) Listeners pledged $14,000 in new subscriptions, thus helping 2NUR-FM to stay on the air. The campaign for subscribers was conducted by "on-air" and "off-air" teams. The picture below shows Henk de Jong and Rowena doing their shift.

An increase in business has been responsible for the Credit Union deciding to open its campus office on Mondays, thus giving members the opportunity to use the Credit Union for transactions on every day of the working week. The hours are 9.30 am until 2.30 pm.

Mr. Bruce Davis, Solicitor, of the Singleton firm of Whitfield Davis & Co., has made a donation of some old law books to the University. This arises out of a re-location of his professional practice within Singleton.
CRAIG
For the Drama Department's production of Woyzeck, Michael Ewans and the Director, Rick Billinghurst, have prepared a new translation of Georg Buchner's text. The best indication of its quality is that the audience doesn't notice it; the flavour is modern and slangy.

The play is not an easy one. A succession of short, dense scenes work between realistic details of army life in a small nineteenth-century German town and the hallucinations of the main character, Woyzeck, as his hold on sanity degenerates into madness and murder. Gary Maclean offers a serious and engrossing interpretation of the role: buffeted back and forth between his military and social superiors, between his disturbing visions and a fragmentary home life with mistress and illegitimate son, this Woyzeck stares and whispers hoarsely through his unbearably intense experiences. The production has a fixed structure (the barracks) below the main stage. Otherwise sets are made up of flats carried on and held up by spare actors. Settings could thus be swiftly changed from indoor to outdoor, from crowded fair or inn to deserted meadow. Occasionally this stage furniture led to fussy business, too much being made of a window latch or of trapdoors on a mechanical horse.

Generally, though the details of the production were notably polished. The music, by Jenifer Ewans, was effective: the songs, especially those of Marie (Christina Gerakites) and Anders (Paul Makemeh) sounded authentically like the songs a mother might sing to her child or a soldier to himself, yet in putting the harsh, vivid textures of folk experience into melody they widened the range of the play markedly.

The lighting changes were crisp and did much to make the frequent transition from space to space around the stage and from mood to mood work. The Doctor (Mikel Robins) and the Captain (Stephen Nantsou) gave solidly crafted performances, manic-Germanic and manic-apoplectic, respectively.

Yet for all this, the audience felt more often than not that meaning was being struggled to be born in the play rather than safely delivered. Scenes like the ones with the fairground mechanical horse were potent rather than symbolic or funny. It was not until the final scenes, when the thunderstorm of Woyzeck's breakdown reaches its climax in the murder of his mistress in a lonely meadow by the river, that the play gained a true momentum of its own. The hallucination of an accusing ring of revellers, sweeping around Woyzeck, and its disappearance, was brilliantly managed. We are reminded that Woyzeck does not just go mad but is driven mad; the play is about the system which destroys Woyzeck as well as about his individual case.

The audience was left at the end with an intense and uncomfortable mixture of distaste and sympathy for Woyzeck the "little man", disemboweled and dissected, like the body at the autopsy in the final scene, by a relentlessly self-righteous society.

PROFESSOR WINS PRIZE

Professor Graeme Goodwin, Assoc. Professor in Electrical and Computer Engineering, is one of the winners of a prize for the best paper contributed to the Journal of the Institute of Electrical and Electronic Engineering, USA — Transactions on Automatic Control.

The IEEE, USA, bestowed the prize on Professor Goodwin, Dr. Peter Ramage, a former postgraduate student of the University, and Dr. Peter Caines, of McGill University, USA.

In their co-authored paper in Transactions on Automatic Control, titled Discrete Time Multivariable Adaptive Control, they elucidated the first conditions for the successful operation of self-adjusting control systems.

Professor Goodwin

Redlin Nelder (young boy) and Gary Maclean (Woyzeck) in a scene from the Drama Department's recent production in the Drama Studio.

Photo: Quentin Jones.

D.H. CRAIG
THOSE MAGNIFICENT MEN

In 1941, almost every 19-year-old man felt an obligation to enlist. Mr. Pat Middleton joined the RAAF and spent about 12 months being trained as a Wireless Operator and Air Gunner.

Pat's life was fairly rosy at first — he spent several months in Canada and the Bahamas on training courses. However, in 1942 an English Bomber Squadron took him for an attachment which was to last for two years. He flew in Mitchells and Liberators, in all completing 58 missions over Germany and Occupied Europe.

Ex-Flying Officer Middleton chatted about his experiences in the Second World War with University News before he retired from the Bursar's Division on July 30.

The courage of the English people under attack made a great impression on him. He recalled a Squadron Leader asking after one very difficult bombing mission, "rather hairy trip, old chap?"

At the end of the War Pat resumed work in an accountant's office in Newcastle. He married a Waratah girl. Not long afterwards he moved to a position at Caltex in Newcastle.

It was 15 years later, in January, 1966, that he made a decision to join the new University at Shortland. He was University Cashier for a while and later was transferred to general administrative duties, in particular equipment inventories. He held this position on his retirement.

After many years as a Saturday-afternoon cricketer, principally in a Reserve Grade with Police Boys and Stewards & Lloyds, Pat moved across to the bowling green.

"I went into bowls expecting few thrills compared with cricket. However, bowls is a splendid sport. I play at Waratah Club and will be looking for a second club after I retire".

Pat's retirement agenda includes deepsea fishing. He also has a desire to become involved in community work and intends to help his wife, Enid, one day a week with her Meals on Wheels work.

Pat and Enid have two married daughters and four grandchildren, so they will be spending much more time with them.

Dr. Fowkes was born in Scotland. He graduated from the University of Edinburgh with B.Sc. and M.B. degrees and from the School of Hygiene and Tropical Medicine at London with an M.Sc. As a Scot at a Welsh University, he is something of a rarity.

He is accompanied in Newcastle by his wife, Kirsteen, and his two-year-old daughter Freya.

APCCE: Visiting Fellow

Dr. Gerry Fowkes will leave the Faculty of Medicine soon after working with the Faculty as a Visiting Fellow for five weeks. Dr. Fowkes is on secondment from the Welsh National School of Medicine, Cardiff, where he is a Senior Lecturer.

At the David Maddison Clinical Sciences Building at Royal Newcastle Hospital he has been helping Professor S.R. Leeder, Assoc. Professor Annette Dobson and Dr. M. Hensley to plan a suitable curriculum and materials for the proposed master's course at the Asian and Pacific Centre for Clinical Epidemiology.

From its commencement next year, the APCCE, an adjunct to the Faculty of Medicine, will offer a two-year master's degree programme in Clinical Epidemiology for clinicians from the Western Pacific, South East Asia and China. The venture is being established using funds provided by the Rockefeller Foundation, of New York.

In the last 12 years Dr. Fowkes has gained extensive experience in Clinical Epidemiology and Clinical Medicine, primarily in the United Kingdom but also in Africa and the United States. At the Welsh National School of Medicine he has specialised in the training of postgraduate epidemiologists.

Dr. Fowkes said that the APCCE was an exciting and innovative project. "The Centre's education programme will be carefully tailored to serve the special needs of developing countries, especially as in many countries the resources available for epidemiological research are very limited.

"Those people who receive scholarships from the APCCE will spend one year in Newcastle undertaking coursework and, in their second year, they will carry out research projects in their own countries. The curriculum must, therefore, be oriented towards the practical. Moreover, enrolment should be well-balanced to embrace many countries in the Western Pacific and Asia and many clinical interests".

Dr. Fowkes
A new book by Dr. Michael Ewans, "Wagner and Aeschylus: The Ring and the Oresteia," published by Faber and Faber, is on the market in the United Kingdom which shows the impact of Aeschylus on Wagner. The book examines the role which the Oresteia played in the shaping of the Ring, showing how Aeschylus' masterpiece influenced Wagner's at many levels, from the basic idea of using mythical material for a cycle of 'stage festival dramas' right through to profound aspects of subject matter and form, and Wagner's conception of the role of music in opera.

Two introductory chapters look at the overall relationship between Wagner and Aeschylus; there follows an analysis of the four dramas of the Ring: the points of affinity, and the differences, between Wagner's cycle and Aeschylus' are discussed in detail, an approach which throws fresh light on the form and meaning of the Ring.

Copies of the book will reach Australian shops in September. It is planned to hold a Drama Department party among other things, to celebrate that event.

The author is Head of the Department of Drama. Dr. Ewans is the author of Janacek's Tragic Opera which won the Yorkshire Post Music Book Award in 1977.

The first male team was among the winners of the Commonwealth Bank trophies for competing in the Campus Scamper. Pictured are runners Lindsay Kleeman, David Firman and Albert Nymeyer, with Pat Matthews, Manager of the University Branch of the bank, and Jock Armstrong. Photo: Arthur Johnston.
Advertised POSITIONS WANTED

INTERPRETERS

A Sydney company wants to hear from people interested in applying for positions as simultaneous interpreters.

Languages: French, Spanish, German, Portuguese, Italian, Arabic, Russian, English, Japanese, Mandarin and Korean.

Applicants must:
- have up-to-date language fluency in mother tongue with total comprehension in at least two passive languages. Exceptions will be considered for dual mother tongue (i.e. work both ways between two languages only) or Asian languages.
- be capable of working under pressure in a team situation.
- be available to travel interstate.
- Assignments are occasional only and working venues offered.
- Experience preferred, but not essential. All successful applicants must be prepared to undertake inhouse training or refresher program.
- Attractive remuneration offered.

FOR SALE

KEL NAGLE MARK IV GOLF CLUBS, nine irons, three woods (3, 4, 5) and covers. As new Dunlop bag, wooden (old). Formerly owned by Owen Beldham, N.S.W. Amateur Champ. Registered shafts. $350 or near offer. Please telephone Ian Cowen at 48 8753 (after 6 pm on any night).

SIMPSON MINIMATIC WASHING MACHINE — four months old. This machine has never been used. $275 or near offer. Please telephone Extension 643.

VULCAN OIL HEATER and OIL TANK in good condition. $250 or near offer. Please telephone 54 9060.

FLASH UNIT — SUNPACK 3000 Computer Flash with four automatic modes, swivel head for bounce — in excellent condition, $70. Please telephone Extension 451 and ask for Harry.

40KVA VOLTAGE STABILISER

The University has for sale by tender one only 40KVA Voltage Stabiliser comprised of:

40KVA Dualite Alternator, 415 Volt, three phase self-regulating 75 H.P. T.E.F.C. Motor 415 Volt three phase auto-transformer motor starting panel, associated control and distribution panel.

Tenders will be considered for the complete system as advertised or any components thereof.

For additional information and to arrange inspection telephone (049) 68 0401 Extension 795 or Extension 202 or please call at the Property Division, Room C53, from 8 am to 5 pm Monday to Friday.

Tenders must be forward in a sealed envelope marked "Tender for Voltage Stabiliser to the Purchasing Section, University of Newcastle, NSW 2308. Tenders will be accepted up until 11.30 am on Friday, August 13, 1982. The University reserves the right to reject all tenders.

1971 VW STATION WAGON in good condition with cassette player. $1,700. Please telephone Extension 372 or 58 4975.

EMIRK TENNIS RACQUET, almost new. Mid-size head, timber-graphite, gut, $45. Please telephone Extension 372 or 58 4975.

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