Adieu Mr Floyer. Adieu Mr Bates.

LOYAL SERVANTS RETIRE

After a combined total of 46 years at the UN, two of the longest-serving members of staff recently retired.

Mr Wal Bates joined the general staff in the Bursar's Division in November, 1966, and approximately 16 years later moved to the Buildings and Grounds Division (then the Property Division).

He was a member of the PSA's Management Committee and maintained an interest in union affairs for many years.

A farewell dinner in his honour was held in the Union.

Wal's retirement will mainly be spent on the maintenance of his Kotara home and garden and on travelling. He admitted to intending also to devote occasional periods 'wetting a line'.

Mr Hugh Floyer commenced duties at the former Newcastle University College, Tighes Hill, just after Easter, 1964. He became officer-in-charge of Student Records, a position he held for seven years, before his appointment in the early 70s to the newly created position of Careers and Student Employment Officer.

Hugh had started work in the former Sydney Technical College in Ultimo in 1940. The name of the college was changed twice whilst he was an employee — first to the Technical Education Branch of the Department of Education and later to the New South Wales Department of Technical Education.

He was active in campus affairs for many years, having been Treasurer, and later Life Member, of the Staff House and Treasurer of the Sports Union.

Mr Floyer served on many administrative bodies including Senate, the Higher Degree Committee, the Timetable Committee and Hunter Committee for Overseas Students.

He also made many friends by his contribution to the activities of The Venerable Gentlemen, the staff cricket team, between 1965 and 1977. He was a conscientious player (a deadly spinner) and administrator.

Friends and colleagues gathered at two functions — a farewell luncheon and a farewell get together — on campus, at which Hugh was the honoured guest.

Retirement for Hugh and Shirley Floyer will include plenty of travelling, beginning with an extended UK jaunt.

Wal Bates and Hugh Floyer were loyal servants of the University and they will be missed by their friends, including Campus Bulletin.

Don't miss GOUGH WHITLAM

Former Prime Minister Mr Gough Whitlam will give an address at the University on Friday, August 12.

As a member of the committee set up by the Federal Government to review the Constitution, Mr Whitlam will speak on the referendum on possible changes in the Constitution to be held later this year.

The visit has been arranged by the Department of Community Programmes and Mr Whitlam will give his address in the Drama Theatre beginning at 1 pm.
New Council members

In recent ballots the following staff members were elected to the Council for the two-year period from July 1 to June 30, 1990.

Academic Staff other than Professors

* Mr Robert Mackie

* Assoc. Professor Colin Keay

* Dr Robyn Cotton

Professors

* Professor John Hamilton

* Professor Alan Roberts

* Dr David Kay

* Ms Susan McDonald

Members of Convocation

* Dr Monica Hayes

* Mr John Broughton

Five sitting members elected by Convocation were re-elected: Mr Trevor Waring, Dr Noel Rutherford, Dr Peter Hendry, Dr Diana Day and Dr Tom Osborne.
Priorities for reform in higher education

The Senate has referred to its Standing Committee on Employment, Education and Training (Chair: Senator Terry Alulich) the following matter for inquiry and report:

Priorities for reform in higher education.

The committee will seek the views of the Australian community on what should be the priorities for reform in higher education. The committee's interests include the matters covered in the Government's Green Paper and the forthcoming White Paper on higher education, but submissions will also be welcome on other aspects of higher education.

Topics for consideration might include, for example:

- course outcomes which produce a capacity for critical analysis and adaptability; policies and procedures for enrolment growth; ways of encouraging quality and effectiveness in teaching; the interaction between the humanities and the sciences/technologies; vocational training, including relationships with business and industry; policies concerning research funding; the role of adult and continuing education in higher education; ways of achieving the best use of resources within institutions; and the new advisory arrangements at Federal level.

The committee invites submissions on these or any other issues which are perceived as priorities for reform in higher education. Contributions are welcome from those outside the higher education sector as well as those within it. The committee will hold a series of public hearings on issues raised in submissions and a report will subsequently be tabled in the Senate.

Submissions should be sent, by September 30, 1988 to: The Secretary, Senate Standing Committee on Employment, Education and Training, Parliament House, Canberra, ACT. 2600. Further enquiries should be directed to Mr Derek Allan, Secretary to the Committee, at (062) 72 6557 (or from July 18 to 062 77 3520).

The University — yesterday and today

Among the hundreds of activities to be mounted for UNIVISIT '88 (Open Days) visitors will see a kaleidoscope of University history put together by the Archivist in the Auchmuty Library, Mr Dennis Rowe.

The major component of the display is a selection of fascinating photographs from the University's past, including some shots taken before the establishment of the University at Shortland.

Con's "week of celebration"

Newcastle Conservatorium of Music will conduct a 'week of celebration' to mark the completion of work on its new Performance Hall in Auckland Street, Newcastle.

The programme for the special week of concerts:

**Sunday, July 31, 3 pm**
Opening Public Concert (admission free).

**Monday, August 1, 8 pm**
Michael Dudman (organ) — Inaugural Recital on the Smenge Organ. Admission: $5 and $3 concession.

**Tuesday, August 2, 8 pm**

The bushland area was the site for games of two-up and school picnics, and was traversed by the former Newcastle-Wallsend Coal Company's railway line.

In the Tihges' Hill days the University College was proud to have a computer, an IBM unit which ran on punched paper tape and had a total capacity less than the capacity of a present-day floppy disk.

Mr Rowe is pictured showing one of the photos in the UNIVISIT '88 exhibition — of Professor Ian Macdonald and Assoc. Professor Warren Brisley with the computer.

**Wednesday, August 3, 1.10 pm**
Conservatorium Chamber Choir and Orchestra with Philip Matthais (organ). Admission: $2 and $1 concession.

**8 pm**
Newcastle Conservatorium Staff Concert. Admission: $5 and $3 concession.

**Thursday, August 4, 1.10 pm**
Robert Constable (piano). Admission: $2 and $1 concession.

**6 pm**
Senior Students Concert (I)

**8 pm**
Senior Students Concert (II). Admission: $2 and $1 concession.

**Friday, August 5, 1.10 pm**
Young Graduates Concert. Admission: $2 and $1 concession.

**8 pm**
Single Study Students Concert. Admission: $2 and $1 concession.
Presentation of tapestry for the Great Hall

On August 6, in the Foyer of the Great Hall the Friends of the University will present to the University their Bicentennial gift, The Hunter Tapestry, to hang in the Great Hall and will be accepted by the Chancellor, Dr Elizabeth Evatt.

The tapestry has been in preparation for two years since it was commissioned by The Friends. The cost and its installation ($45,000) has been met from funds raised by The Friends of the University by the 1987 Book Fair.

The Hunter Tapestry is designed by Mary Beeston and woven by Larry Beeston and Rachel Frecker. Two and a half metres high and eighteen metres long, it is a series of 12 panels celebrating the major events that have made the Hunter Valley what it is today.

The pre-history of the volcanic age, the glacial era, the inundation of the ocean and the first signs of vegetable and animal life lead into the coming of man to the Valley. Then, the soldiers, convicts and farmers change the environment, and the Valley, with its towns and cities, as we know it, develops. A deep blue river runs through the whole length of the Tapestry, a river of life for the Valley.

Mary and Larry Beeston live and work near Toronto, having lived since childhood and raised their family in the Hunter Valley.

Rachel Frecker, her husband and artist, Alderman John Martin, and their family live near Allandale.

Mary Beeston asked Campus Bulletin for space to express her and Larry Beeston's thanks:

'The Friends of the University, who commissioned the tapestry, have been wonderful clients who listened to our ideas open-mindedly and have shown an active interest in the progress of the work.

Special thanks go to our liaison officer, Laurie Short, who has been most supportive, and to the Secretary, Shirley Morris, who has spent weeks actually helping to prepare and hang the tapestry. Without her help I would have been hard pressed to have it ready in time. Her cheerful sharing of the highs and lows of that experience have meant a great deal to me."

The support received from the University staff has been unfailing. Our thanks to Don Morgan for listening, helping and allowing his staff to give so much of their time to us. Thanks to Jeff Morgan, who was untriring in solving the manifold problems of the physical hanging of the work with sensitive understanding. And thanks to Paul and John, to Lance Roberts and his security staff, and others who have shown a great deal of interest and cheerful encouragement to us while we have been working in the Green Room.

'Your sharing interest and your faith has added to our joy and satisfaction in the work. Thank you all!'
Influx of visitors for Mathematics Dept.

The number of academic visitors to the Department of Mathematics reached its peak in June, 1988, when there were nine visitors simultaneously in the Department.

Professor John Borwein, from Dalhousie University, Halifax, Dr Simon Fitzpatrick, from the University of Auckland, and Dr G. de Barra, from the University of London, are functional analysts who came to collaborate with Professor John Gies.

Dr Robin Tucker, from the University of Lancaster, Professor J. Bicak, from Charles University, Prague, and Mr. Manish Mukherjee work in the general relativity and quantum theory. Dr Tucker is visiting the Department for six months and, in addition to research work, he is also taking part in teaching. Mr. Mukherjee is his PhD student in a final stage of postgraduate studies.

Professor Bicak is one of the invited speakers at the Fifth Marcel Grossmann Meeting to be held in Perth in August. He stopped in Newcastle to take part in a series of research seminars about muons, black holes, and gauge theoretical structure of space-time organised by Professor Paul Smrz, as well as to give a general talk about life and work of Albert Einstein in Prague.

Dr Jack Gray has been visiting the Department of Mathematics for four months. He is the Director of the Industrial Mathematics Group at the University of New South Wales. Dr Gray was invited to help the Mathematics Department to establish contacts with industry and create an industrial mathematics consulting centre.

Dr Marvin Bishop, from the Department of Mathematics and Computer Science, Manhattan College, New York, is working with Professor Clive Croxton on the structure and dynamics of polymer ring systems.

Mr. Jim MacDougall is a visiting lecturer from the University of Prince Edward Island. He is spending his study leave in Newcastle and he works with Professor Roger Eggleton on geometrical representation of combinatorial graphs, and contributes significantly to the teaching effort of the Department.

The periods spent in Newcastle by the visitors vary from two weeks to over one year. The high number of visitors is partly due to the fact that in 1988 there are several international conferences held in Australia covering fields in which members of the Department of Mathematics achieved international reputation.

BHP’s part in heart education project

On July 12, the BHP contributed the final instalment of its $100,000 donation to the University’s MONICA heart education project.

Professor Annette Dobson, Professor of Biostatistics, received a $50,000 cheque from the BHP at a ceremony in the office of the Rod and Bar Products Division of the company at Port Waratah. (A $50,000 cheque was presented to her in May, 1987.)

The MONICA heart education project is monitoring the heart disease risk factor in the Hunter Region, which has one of the highest rates of heart disease in Australia.

The cost of the project is estimated at $325,000 over five years.

University Staff House Ltd.,
Second Term
Social Function
"Dalliance Française"
7 pm Friday, August 5

Cost: $25 per double (book with Sandy, Extension 430)
- Fine French cuisine
- Music — à la mode
- Wine auction and education
"Vous avez un peu bon... un temps"

Professor Annette Dobson
Chinese psychologists visit the University

A study group from Hangzhou University in the People’s Republic of China recently visited the Department of Psychology at the University.

Assoc. Professors Wang Ansheng, Xi Zhen-hua and Zhu Rui-ming and Mr Li Kan met Assoc. Professors David Finlay and Daphne Keats and Emeritus Professor John Keats and visited child development research centres.

The visitors were involved in research into child growth and intellectual development at Hangzhou University. Their visit was part of a study tour of Australia funded by UNICEF and comprising exchanges of information at the University of New South Wales, Macquarie University, Newcastle University, the Australian National University, Canberra, Monash University and the University of Melbourne.

Professor Wang, who headed the delegation, said that because of the high reputation of psychological scholarship in Australia and the many areas of common interest which Chinese and Australian psychologists had there was an interchange of visits and ideas.

The Department of Psychology at Hangzhou University, of which he is Chairman, and UNICEF were working on a joint child development research project and he and his colleagues needed to see some of the advances being made in Australia.

Professor Wang said exchanges of visits between Hangzhou and Newcastle Universities would be warmly welcomed by his university.

In Newcastle the Chinese study group visited the Special Education Centre at the HIHE, Kintaibra Community Child Care Centre and the Van Leer Foundation Caravan Children’s Project at Belmont.

ARGS grant draws researchers to mathematics

People wanting to apply mathematics often complain that mathematicians have plenty of techniques for handling linear problems but not nearly enough for solving non-linear ones.

Since the invention three centuries ago, the calculus has been the main tool available for dealing with non-linear problems. However, the last 20 years have seen development in the study of convexity, a concept which has considerable application with non-linear problems, in particular with those in optimisation.

In the early 1970s, important mathematical research was undertaken on the differentiability properties of convex functions on quite general spaces. Because of the success this area advances are now being made in the study of the more general class of locally Lipschitz functions and, in a number of circumstances, it is being found that many of the differentiability properties of convex functions also hold for functions in this class.

In the 1980s, Frank Clarke, from the University of Montreal, extended a calculus developed for convex functions to locally Lipschitz functions and it is an important tool for generalising calculus of variations results and optimisation techniques to functions which are not necessarily differentiable.

A research project of Professor John Giles entitled The determination of differentiability properties of distance functions on Banach spaces and application to non-smooth optimisation is currently underway in the Department of Mathematics financed by the ARGs. Distance functions are special locally Lipschitz functions which are more general than convex functions and they are particularly significant for certain problems in the geometry of Banach spaces and in the development of Clarke’s techniques used in non-smooth optimisation.

The grant has enabled a group of researchers to gather over an extended period at this University.

The visitors include:

Professor Jon Borwein, from Dalhousie University, Halifax (from June 1 to September 30); Dr Simon Fitzpatrick, from the University of Auckland (from April 5 to December 18); and Dr G. de Barra, from Royal Holloway and Bedford New College, University of London (from May 12 to August 26) and for shorter periods in August and September. Dr A.L. Broe from the University of Newcastle-upon-Tyne and Professor Petar Kenderov, from the Bulgarian Academy of Sciences.

The Centre of Mathematics Analysis at the ANU is sponsoring a workshop/miniconference on Functional Analysis/Optimisation to be held in Canberra in August and Professor Giles is organising this gathering. Over 30 mathematicians from around the world will be in attendance for periods varying from one to three weeks. Of course, the mathematicians involved in the research project at this University will be the core of that workshop in Canberra.

The results, which will excite them as mathematicians, may sometimes seem remote to those impatient to apply mathematics to their problems. But the path to application is this vital activity of pure mathematical research.

John Giles
Opinions sought

A result of a public meeting held in April, a Steering Committee has been established to examine the proposed construction of a Religious Centre for staff and students of the University and Hunter Institute of Higher Education. The committee is to prepare a report which will be considered at a further public meeting to be held later this year.

The Steering Committee has held a number of meetings, and has decided that the opinions of all staff and students should be sought as to the functions of such a centre. A questionnaire seeking student opinion will be circulated on both campuses in late July, and staff of both Institutions are now being invited to make their views known to the Committee.

The Steering Committee has already identified a number of principles which it believes should underlie the construction of such a centre. In summary, these are:

- It should be a place where people of many different religious faiths (Christian, Jewish, Muslim and others) can meet either separately or together for discussion, worship and study; it should not be seen as a chapel for any particular religious denomination;
- The University and the Hunter Institute should not be asked to devote any financial resources to the construction of such a centre; their only contribution would be the provision of a site on campus. The funding of the centre would need to come from contributions and donations for which an appeal would be launched;
- The centre should be open to all, and not only to those people with a religious affiliation; it should provide, amongst other facilities, a ‘quiet place’ on campus where people of any religious belief, or none, can come for quiet thought or contemplation/meditation.

Amongst the potential uses of a centre of this kind, the Steering Committee is considering its use for worship, study, discussion, personal celebrations (e.g. weddings), a base for campus ministers and religious clubs/societies, a meditation centre and a place where people can just be alone.

Any members of staff who would like to make known their views as to the desirability or potential uses of a Religious Centre are invited to communicate, by telephone or in writing, with the Chairperson of the Steering Committee, Professor Ken Dutton, Dean of Students (Extension 670).

Mr Donaldson takes out scholarship

Lecturer in Architecture Mr Robert Donaldson has been awarded the James Hardie Scholarship for 1988. Sponsored annually by James Hardie Pty. Ltd., the scholarship is awarded by the Newcastle Division of the Royal Australian Institute of Architects.

The purpose of the scholarship is to assist the study of a topic relating to the built environment. It is anticipated that the topic will have relevance to the Newcastle environment, but need not be restricted to this area.

Mr Donaldson will use the $1,500 made available by James Hardie Pty. Ltd. to complete an investigation of new and viable building techniques in residential construction using timber, a unique and renewable resource.

He believes there is an obvious need to bring to the attention of the building industry, and home builders, the existence of new ways of building, using new materials in new and appropriate ways. Some of these already exist, he says, and others are under development, whilst others await realisation.

‘All are appropriate and relevant to the Newcastle environment, with its strong background in fine native timbers and timber framed construction techniques.

The intent of this study is to bring together alternatives that are viable for the construction of residential timber buildings in Australia in the light of the building industry, building regulations, resources and public acceptance,’ he says.

Mr Donaldson is a well-known commentator on housing and building materials. He has made 200 appearances on ABC radio and has written 200 articles for The Newcastle Herald.

It is his intention to include two visits to New Zealand in his investigation of new building techniques and to write his final report during August, 1989.
Elected to Australian Institute of Aboriginal Studies

Dr Bill Jonas, Senior Lecturer in Geography, is one of 22 people recently elected as members of the Australian Institute of Aboriginal Studies in Canberra. Elections are held every two years. As a member, Dr Jonas is eligible for election to the Institute's Council which now, for the first time, has an Aboriginal majority. The Institute established under its own Act of Parliament, co-ordinates and funds research into Aboriginal topics throughout Australia.

In 1982-83 Dr Jonas and fellow geographer, Mary Hall, conducted comprehensive surveys of Aboriginal basic needs throughout New South Wales. This research, which resulted in several major publications, was partly funded by the New South Wales Ministry for Aboriginal Affairs. Follow-up research was conducted in the Lower Hunter Region in 1987, thanks to a grant from the Vice-Chancellor's Discretionary Fund. Dr Jonas is currently carrying out research into lands which are claimable under the New South Wales Land Rights Act.

Dr Jonas is a member of the Awabakal Aboriginal community in Newcastle and is a former Director and Chairperson of the Awabakal Co-operative. He has also been a Royal Commissioner (British Nuclear Tests in Australia), Australian Heritage Commissioner and New South Wales Education Commissioner. He currently heads a Ministerial Task Force which is reviewing Aboriginal heritage legislation in New South Wales and he serves an advisory committee for Aboriginal courses at HIHE and the Catholic College of Education in Sydney.

Dr Jonas is delighted with his election to the Institute. Very few geographers have ever been elected, one of the most outstanding being Professor Fay Gale from Adelaide University.

Canada-Australia Research Award

The Deputy Prime Minister of Canada, the Honourable Don Mazankowski, whilst in Australia on an official visit representing the Canadian Prime Minister, announced the introduction of the Canada-Australia Bicentennial Institutional Research Award.

A grant of AUS$25,000 will be awarded annually for the next five years to an Australian institution for an original research project centering on Canada or Canada-Australia relationship.

The purpose of the award is to stimulate research, publication and/or teaching about Canada in Australia. Submissions will be invited from researchers or teams of researchers from Australian universities or private research organisations.

Application forms and guidelines are available from the Canadian High Commission in Canberra and the Canadian Consulates General in Sydney and Melbourne.


The International Association of Cross-Cultural Psychology is holding its ninth biennial congress at the University of Newcastle this year.

It will be the first time the Association has held its Congress in Australia (or even in the Southern Hemisphere) and reflects the high reputation of the work of the Congress Chairman, Assoc. Professor Daphne Keats, and other researchers in this field in the Department of Psychology and the Institute of Behavioural Sciences.

Further details of the Congress can be obtained from Professors D.M. Keats and J.G. Keats, or from the Secretary, Dr D. Munro.
Thank you for trying out

We can't say whether or not we're in University Challenge, but the on-campus trial run by the ABC on July 15 went very well.

The trial, which took the form of a quiz in which two teams of students competed against each other, allowed a producer and a program officer to decide if Newcastle University will be one of only 10 universities going to Hobart to compete in the TV programme University Challenge.

After the ABC representatives have concluded trials at all universities, the names of universities selected to compete will be announced.

The support given by the students who volunteered to participate in the trial is greatly appreciated and, even if we aren't selected, it was fun.

Our photograph shows the trial in progress with (from left): members of the Red team (disregard the nameplates), Lyndel Whyte, Wiley Bradford, Derrick Wigmore and David Kirkby, and members of the Blue team, Jane O'Sullivan, Vince Phelan, Christopher Wright and Greg Lourey.

ADMIN NOTES

(From the desk of the Deputy Vice-Chancellor (Administration)

Some good news, albeit of a limited kind, is that the Commonwealth Government has provided the University with a grant of $500,000 for its Early Voluntary Retirement Scheme, details of which will have been circulated before this issue goes to press. The limitation is that the grant may be used for academic staff only and is repayable in equal instalments in 1989 and 1990. As well, the Commonwealth funds can only be used for benefits to the level provided by the Commonwealth itself, somewhat less than the benefits provided by the University scheme. The University will have to use its own funds to extend the EVR scheme to general staff and to meet benefits in excess of the Commonwealth level.

The funding provided by the Commonwealth Government for the recent 4 per cent salary increases for academic staff and general staff has also been a lot less than the University would have expected. The Commonwealth is providing coverage of these salary awards only for the last two quarters of the year (i.e. from June 30), whereas the University's general salary increases commenced from May 13. It has also provided only 60 per cent of the cost of general staff awards, on the basis that second tier agreements are 'assessed to produce realisable savings in 1986'. The University has pointed out that, whatever the position at other universities, that is certainly not the case here. Moreover, the Commonwealth has 'discounted' both the academic and general savings grants for potential investment income. The outcome is that the Commonwealth grants meet only 41 per cent of the actual cost to the University for the general salaries award and only 76 per cent of the academic salaries' award.

In money terms the shortfall for 1988 is some $290,000. This comes on top of the 1 1/2 per cent reduction in the general recurrent grant imposed on the University at the beginning of the year, and a further 1 per cent reduction in operating grants promised for 1989.

The advice from the Department of Employment, Education and Training indicates that in respect of academic salaries, funding beyond 1988 would not be based on the full cost of the award; and that it is not expected that any continuing funding for general staff would be provided beyond December 31, 1989.

The outcome is that the University will need to review a whole range of expenditures and commitments to live within the reduced standard of living being forced upon it.

Professor Roberts receives award

Professor Alan Roberts, of the Department of Mechanical Engineering, has won a prestigious award conferred by the Institution of Engineers, Australia.

Professor Roberts has been selected by the Board of the College of Mechanical Engineers as the recipient of the 1989 AGM Michell Award.

The Chairman of the College, Mr M.H. Thomas, told Campus Bulletin that the Board was considerably impressed by the depth of Professor Roberts' contribution to bulk materials handling in Australia and the manner in which he had raised the branch of engineering to bring Australia to the forefront of international interest.

Additionally, Mr Thomas said, Professor Roberts' leadership in the Institution of Engineers in developing the highly successful National Committee on Bulk Materials Handling was very much a factor in the Board's deliberations.

'Last but not least, of course, has been Professor Roberts' leadership in mechanical engineering at the University of Newcastle,' he said.
Mr Paul Coutts, Manager of the University Credit Union office, with Mrs Ada Staeder at the retirement seminar.

EDVEST Retirement Service

The Universities Credit Union launched the EDVEST Retirement Service at a seminar held on the campus on May 18.

The EDVEST Retirement Service is an exclusive club for Credit Union members aged over 50, providing all the advice and information you will need to plan for your retirement.

The seminar was well attended by University staff and those who attended said it was most informative.

The guest speakers from Bain and Company spoke on the importance of planning retirement, superannuation and roll-over funds and gave general investment advice.

To join the EDVEST Retirement Service, or to find out more information about the service, call in and see Mr Paul Coutts at the Credit Union, in the Union Building. Additional seminars are being planned, so if you are interested in attending a seminar just let Paul know.

Campus Scamper

The five-kilometre Blcennial 1988 race will start at 12.30 pm prompt, on Wednesday, August 10, from the grassed area outside the southern end of No.2 sports oval.

University teams (three persons each team) will compete for the Commonwealth Bank Shield. Individual prizes will be awarded to place getters in the male and female categories. In addition, all runners/walkers completing the course are included in an after-event draw for additional prizes.

Certificates, showing distance ran and timings, will also be available on application after the event.

Entry forms are available at the Sport and Recreation Office, or you may telephone your personal, or teams, entry to Jock Armstrong at Extension 469.

Astronomer joins AAC committee

Professor Colin Keay, Assoc. Professor in Physics, has accepted an invitation to be a member of the National Committee on Astronomy of the Australian Academy of Science.

The Academy has a series of National Committees to advise it on the various areas of science in Australia and provide liaison with international scientific bodies, notably those affiliated to the International Council of Scientific Unions.

Professor Keay has been invited to serve a term of three years on the committee.

Additional bus on University run

The Urban Transit Authority has announced that an additional bus running on the No.100 University bus service.

A bus leaves the Regional Museum at 12.21 pm every day during the academic term and arrives at the University at 12.44 pm.

It continues on to Jesmond, leaving there to return to Newcastle, arriving at the University at 1.21 pm and Pacific Street, Newcastle, at 1.56 pm.

WANTED for MURDER

All Super Sleuths!

It's Back, it's Funy, and it's Dangerous...

The week beginning Monday 18th July in a week beginning the fox and quene of Murder: The score is today down and MURDER is over "SILVER" as you call the score. (Please recorded message) All Super Sleuths are needed and the winner will be the one who gets the most "SILVER" by the 28th July 1988 at the shops of the University Tennis Club.

REWARD

For the best solution we will offer $50 for those who succeed... (Solution due by September 2)

ENTRY FEE $2.00

CALL FOR MORE DETAILS:

PHOTOGRAPHY. 1988.png
LETTERS TO
THE EDITOR

Dear Sir,

Linda Aurellus is perfectly entitled to express her opinions and those of other like minded staff on the question of amalgamation (letter to Editor, Campus Bulletin, June 8, 1988) but she should seek to give a fair and balanced account of the situation she claims to present especially since she is a member of the University's Information Unit.

Firstly, as the President of the University of Newcastle Staff Association (UNSA), Robert Mackie has never suggested in any forum that he speaks on behalf of the entire staff of the University. He has always attempted to make it clear on whose behalf he speaks. He does not see that it is his job to say for whom he does not speak. There are others, including elected officials of other groups on campus, who could make their views known in the same manner as Robert Mackie. Does Linda Aurellus speak officially for the non-academic staff of the University?

The Staff Association (UNSA) has an established policy opposing amalgamation which goes back to the early 1980s and there has been no call from members in either general meetings or in correspondence to change that policy yet. Thus UNSA through its President, Robert Mackie, will continue to represent the interests of its members according to that policy in ways that the Executive of UNSA sees fit.

Secondly, Linda Aurellus states, quite blandly, that a recent Newcastle Herald report of May 26, 1988 on the Wollongong amalgamation revealed 'what a success the merger there has been, and that we should follow their lead to make it easier for ourselves. A member of the University's Information Unit should be aware that a short newspaper article does not necessarily carry with it the seal of absolute or objective truth, nor necessarily cover all sides fully.

Information available to UNSA from colleagues at the University of Wollongong suggests that there is also a much less optimistic view of amalgamation. Indeed the Herald article listed many of the concerns that UNSA has about amalgamation. To many at Wollongong it was more of an absorption. In summarising the views of Dr John Panter, former President of the University of Wollongong Staff Association, prominence was given to his statement that amalgamation was 'a good thing'. To bolster John Panter's out of context statement on amalgamation use was made of Malcolm Harris' statement, 'the two institutions simply had a different ethos and, human nature being what it is, people do not easily give up what was familiar to them'.

What was ignored by Linda Aurellus was that the 'small, highly qualified' staff of the Department of Education had serious reservations about amalgamation with the Institute's 'large, not so highly qualified department.' (Newcastle Herald, May 26, 1988, column 4). Dr P.R. de Lacey, Reader in Education, University of Wollongong has clearly delineated these serious reservations in his chapter on the University Experience in Fielding and Cavanagh (1983) Curriculum Priorities in Australian Higher Education, a book compiled at the height of the amalgamation/absorption debate in Wollongong.

Our reservations about amalgamation and the way the attempt is being handled here in Newcastle do not lack substance. UNSA is concerned for the welfare of its members and for the welfare of the University. We are being taken into completely uncharted waters without any financial or legal guarantees, on the strength of 'strong beliefs' by the Vice-Chancellor and nothing more, and before it is clear that any such movement is absolutely necessary.

Our 'confrontation', as Linda Aurellus points out, is simply our determination to state UNSA policy firmly in the face of pro-amalgamation propaganda and an absence of genuine debate and consultation by the Chief Executive of this University. We shall continue to do so.

J.W. McQualter,
Hon. Secretary, for the Executive of the University of Newcastle Staff Association.

Dear Sir,

We write to indicate the very warmest appreciation that a great many academic staff feel for the many years of Staff Association, FAUSA and Council representation provided by Mr Pran Chopra. Recently, as readers will be aware, Pran retired from University Council and prior to that had indicated that he no longer wished to be as actively involved in FAUSA and Staff Association activities.

The dedication, commitment and knowledge that he has brought to the onerous task of union representation on this campus deserves the widest recognition and the highest praise. Indeed, it would be difficult to think of any one individual whose record of participation in this important area of academic life could match that of Pran Chopra over the last 20 years. He should feel justly proud and pleased with the contribution he has made, often in adverse and difficult circumstances, in the struggle to improve democratic participation within the University and the general working conditions of academic staff.

Over many years staff have responded to his warmth, sincerity and generosity of spirit, as he has undertaken the task of numerous occasions of Staff Association President, Secretary and Executive Member. I believe, and I am confident many others would share this opinion, that Pran Chopra has represented in the finest manner the very best traditions of academic unionism.

The Executive,
University of Newcastle Staff Association.

UN graduates receive awards

Two graduates of the Department of Mechanical Engineering at this University were successful in the Rolls Royce/Queens Award and Warren Centre Medal for excellence in Engineering applied to Manufacturing.

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There were two runners-up to the Award, one of whom was Mr Nui Wang, BSc(Eng) with Merit, MEngSc, BA, also a graduate of this University (and a former member of staff of the Department of Mechanical Engineering). Mr Wang was highly recommended for his design and development of a unique automotive caliper brake.

Dear Sir,

We write to indicate the very warmest appreciation that a great many academic staff feel for the many years of Staff Association, FAUSA and Council representation provided by Mr Pran Chopra. Recently, as readers will be aware, Pran retired from University Council and prior to that had indicated that he no longer wished to be as actively involved in FAUSA and Staff Association activities.

The dedication, commitment and knowledge that he has brought to the onerous task of union representation on this campus deserves the widest recognition and the highest praise. Indeed, it would be difficult to think of any one individual whose record of participation in this important area of academic life could match that of Pran Chopra over the last 20 years. He should feel justly proud and pleased with the contribution he has made, often in adverse and difficult circumstances, in the struggle to improve democratic participation within the University and the general working conditions of academic staff.

Over many years staff have responded to his warmth, sincerity and generosity of spirit, as he has undertaken the task of numerous occasions of Staff Association President, Secretary and Executive Member. I believe, and I am confident many others would share this opinion, that Pran Chopra has represented in the finest manner the very best traditions of academic unionism.

The Executive,
University of Newcastle Staff Association.

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Books for career hunters takes in the UN

Graduates of this University receive considerable attention from the editors of a new career publication, Job Supermarket, just released by The Australian Women's Weekly.

The book is an interesting commentary on 150 young Australian workers and their job areas, and includes a reference section which provides addresses, contacts, and resource material for use in job hunting.

The young men and women interviewed by the Editors talk about the work they first wanted and how they came to their present jobs, often after changing their directions and courses of study.

Included are an overview of careers in the computing field, Graduating to Computers, and an article, I'm Only an Arts Graduate, which dispels the myth that an Arts degree provides limited job options.

Graeme McKenzie, a BE(Civil) graduate of this University, relates that he won a Frank Henderson Scholarship and, on graduation, found a job with a firm of consulting engineers which had employed him during university holidays.

Janet Murray, a BE (Chemical) graduate, completed a traineeship with the BHP and describes her work as a technical assistant attached to the Newcastle steelworks.

The strong Newcastle University representation in Job Supermarket also includes interviews with an electrical engineer, Richard Thomas, and a psychologist, Jane Taylor.

The careers taken by the 150 young people cover, a diverse range of areas including:

- hospitality and tourism;
- computing, retail sales and marketing;
- financial, clerical and administrative;
- scientific, technical and manual; artistic, literary and media; outdoor/on the move, defence; people, health and welfare.

Job Supermarket sells for $6.98, and is available at newsagents and selected supermarkets.

Science's bizarre side

Why have the Americans put strings of microphones 40,000kms long under the ocean? How have rocks from the Moon and Mars been found in Antarctica?

Answering these and other questions will be attempted by Dr Karl Kruszelnicki, of the Royal Alexandria Hospital for Children, Camperdown, in a public lecture at the University on Friday, July 22, at 7 pm. His lecture will be titled The Bizarre side of Science.

Karl Kruszelnicki's early education was in Wollongong. His first degree was in Science (Physics major) at the University of Wollongong (1968). His second degree was Master of Biomedical Engineering at the University of New South Wales (1986). Last year he graduated in Medicine at Sydney University, and is currently at the Royal Alexandria Hospital for Children.

Besides his academic achievements, Karl Kruszelnicki is well-known for his entertaining presentations of science. These include: television (previously the ABC's Quantum and, currently, the Midday Show on Channel 9, and radio station 2JJ, Sydney). He is the author of seven books including Great Moments in Science and Science and Technology.

In between collecting university degrees, Karl has worked in the BHP Research Laboratories (Port Kembla), produced prize-winning films, carried out research and lectured in New Guinea, worked as a taxi driver, labourer and roade for rock and roll bands.

The lecture will be given in Theatre E01. It is to be sponsored by the Department of Physics, the Physics Society of the University and the Australian Institute of Physics.

For further information please telephone Dr John O'Connor (Extension 388 or Extension 235).

AVCC Information Service

The Australian Vice-Chancellors' Committee operates a central information gathering and distribution service which is available to all member universities.

The service, which has been in operation since the late 1960s, produces AVCC summaries of information.

The service is a central clearing house for information on the policies and procedures of universities and is designed to minimise duplication of requests between individual institutions.

Under the system, a university requiring information about a particular procedure or statistic from other universities files a request with the AVCC. Often the information is already available in the central registry, but if not, the AVCC collects the data from individual institutions, compiles this and distributes it to all universities.

Universities are discouraged from contacting other institutions direct and instead are urged to use the central resources of the AVCC system. Requests to the AVCC to collect information should be made through the Vice-Chancellor's or the Registrar's office. The AVCC does not accept requests from individual members of staff. However, staff members may contact the AVCC direct to determine if particular summaries are available.

A complete list of available information will be supplied on request. Summaries now being compiled or just completed include:

- Early retirement schemes,
- Ethics in human experimentation,
- Support services available for language and study skills, and
- Facilities available for students with handicaps.

Inquiries should be directed to the AVCC's Administrative Officer, Ms Marian Obenchain at (062) 49 7577 or FAX (062) 49 7679. Postal inquiries to GPO Box 1142, Canberra, ACT 2601.
OBITUARY — Mr Paul Sherwood

The recent death of Mr Paul Sherwood, aged 66, marks the departure of yet another of those former staff members whose contributions set the University on such a promising path during the pioneering days at Titch’s Hill. Paul’s work continued on at the present Shortland site until he was obliged to retire for health reasons in 1978.

Students from the ‘fifties’, ‘sixties’ and ‘seventies’ who studied economics will recall his meticulously prepared and presented lectures plus his unfailing devotion to the problems of the individual undergraduate.

As a teacher, Paul Sherwood set a standard that any university lecturer would do well to emulate.

Paul was born in Vienna, where his father was a merchant banker. After the advent of the Nazis, the bank was confiscated. Paul’s uncle (a member of the Labor Party) was sent to a concentration camp, and Paul himself was ostracised at school because of his public opposition to Nazism. At the age of 16 he escaped to England. This was 1938, and he was interned. However, on the outbreak of war he was offered the choice of joining the British Army’s Sapper Corps. At this point, he was advised to change his surname, Steinitz, to Sherwood, since he risked being shot as a deserter should he be captured by the German forces. Thereafter, he became a tank driver, faced death on several occasions after D-Day, and eventually became a member of British Intelligence.

Not long after his transferring to Newcastle in the late fifties, Paul found himself once again Head of Department. However, at this point, war-related disabilities intervened. Thereafter, he was subject to recurring illness, but he remained a rock to which students and staff alike could refer. The fact that he was made a Life Member of the University Staff Association is just one indication of his dedicated professionalism. Any student who participated in his lecture courses will bear testimony to the quality of the instruction which he offered.

In 1945 he married Eileen, who was also in the Army, and took on studies in economics graduating with honours Class I from the London School of Economics.

He went to Singapore in 1950 as lecturer in economics at the University of Malaya. There, apart from preparing lecture notes and examination papers for students who were in prison, he co-founded the Malayan Economic Review, acted as Head of Department, and wrote research papers which included one that was published in the journal of the Royal Economic Society.

Ten years ago, Paul retired because he felt that he was not able to maintain the standards which he had set for himself as a lecturer. That retirement opened the way for another 5 per cent were assisted by TEAS (the scheme later replaced by AUSTUDY) or teacher education scholarships.

Mr Hambly said that it was essential that the Government recognised its position on the higher education tax did not lose sight of the need to improve student benefits.

While the AVCC accepted that in difficult economic times, the Government had to examine supplementary sources of funding, such as the tax, this acceptance was predicated on the Government delivering a substantial improvement in student assistance.

The Wran Report spelt out very clearly the requirement that AUSTUDY be increased at the same time as the tax was introduced, and the Government has certainly indicated that this is a priority,” Mr Hambly said.

But the Wran timetable would mean that it could take another decade for coverage to return to 50 per cent of students. Even that level of support may not be enough if the growth in higher education is to come, as Wran suggests, disproportionately from students from lower income families.

The Government may have to consider extending AUSTUDY to more than 50 per cent of students simply to honour its commitment to increase access for disadvantaged students.

Call for more student assistance

The Federal Government must act immediately to reverse the significant decline in financial assistance for university and college students, according to the Australian Vice-Chancellors’ Committee.

The AVCC Secretary, Mr Frank Hambly, said today that it was essential the Government recognised the severe economic difficulties faced by many Australian students.

The proportion of full-time higher education students who received some form of income support had fallen from 51 per cent in 1979 to around 43 per cent a decade later. About 38 per cent were covered by the Government’s major funding scheme, AUSTUDY, while another 5 per cent were assisted through other Commonwealth schemes and State government and industry cadetships.

The decline in assistance was even more dramatic when the present level was compared with the levels of assistance for students in the mid-70s. In 1974, for example, 65 per cent of students received benefits under TEAS (the scheme later replaced by AUSTUDY) or teacher education scholarships.

Mr Hambly said that it was essential that the Government refined its position on the higher education tax it did not lose sight of the need to improve student benefits.

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The Government may have to consider extending AUSTUDY to more than 50 per cent of students simply to honour its commitment to increase access for disadvantaged students.
The annual survey of unmet demand shows that the highest level of unmet demand is in Queensland, where between 4,200 and 6,200 people missed out this year.

New South Wales and Victoria also sustained high levels of unmet demand — in New South Wales between 3,700 and 5,800 students failed to get a place, while in Victoria the range was 3,500 to 5,400. (The Victorian figure would have been higher except that the State Government continues to provide additional places.)

In South Australia unmet demand was between 1,000 and 1,600 students, and in Western Australia the figures were 500 to 800.

In a joint statement, the Chairman of the AVCC, Professor John Scott, and the Chairman of the ACDP, Dr Colin Campbell, said that the survey showed there was very significant unmet demand for higher education.

A time when the Government was arguing strongly the need to expand the system to meet national and economic requirements, the figures showed a large pool of potential students keen to enter the system.

The 1988 figures cannot be compared directly with those from last year, because of a change in the methodology. The 1987 figures were in the same range — 13,000 to 20,000 — but in fact if the 1988 methodology were applied to last year’s figures, the 1987 unmet demand would be shown lower.

Female Tutors required

The Faculty of Medicine is seeking female tutors who will assist in the teaching of pelvic examinations to medical students. After a period of training the tutor will join a team of other women who have been taking medical students through their first pelvic examination by acting both as tutors and model patients.

Importance is placed upon the need for empathy, professionalism and gentle competence. If you care about our future doctors please consider this programme. Standard tertiary level tutoring rates are paid.

For further information, contact Dr Max Brinsmead at 67 9348, Leigh at 43 9977 or Pam at 52 7870.

The mighty Surveyors have done it again! By defeating Administration 20 to 17 and Modern Languages 16 to 14, the Surveying Society have retained the trophy brilliantly won in 1987 for the Croquet Teams’ Championship. The team, captained once again by Peter Tate, comprised Wayne Rowe, Lloyd Abbott, Sharon McGill and Glenn McFall.

Although the opposition proved very competitive, the Surveyors showed great resolve and concentration when, seemingly down for the count at half-time, they clawed their way back with desperate strokes and brilliant tactical manoeuvring to draw level and, with seconds remaining, take the lead with hoops to McFall and Tate.

All games were played in an excellent spirit, with new members and visitors acquitting themselves extremely well.

The club is always on the lookout for increased members so if you are able to swing a mallet and have the mental fortitude to recover when devastatingly interfered with once you have finally set-up in front of your hoop — contact the President, Mike Connon (Extension 315) or Secretary, Peter Tate (43 0367 home) and we’ll organise a coaching and practice session to initiate you into the dastardly yet rewardingly enterprising sport of croquet.

Secondment helps Open Day planning

The organisational work involved in conducting Open Days is extremely demanding. That being so the Standing Committee for Open Days has seconded Ms Chris Wood, from the Secretary’s Division, to work as part-time Organiser until Open Days, Saturday and Sunday, September 3 and 4.

UNIVIS’ 88 will be the first time the University has thrown its doors open to members of the Hunter Community since the highly successful UNI-LOOK Open Days in 1984. Ms Wood is Minute Secretary of Open Days Committee and having her to provide co-ordination of Open Days arrangements should give the event a significant boost.

The Open Days office is located in the ground floor of the Mathematics Building, Room V33. Inquiries can be made of her at Extension 470, Mondays to Fridays, 9 am to 12.30 pm.
Symposium planned by Theory Group

The University's Critical Theory Group will conduct its first symposium on August 12.

The group is made up of staff and students from several departments at the University and the Hunter Institute of Higher Education. The group's objective is to promote discussion of contemporary theorists in the areas of literary, social and political theory.

A spokesperson, Dr G. Samuel, said much of the most interesting and valuable research now going on could not be located in any single conventional academic discipline. The work of scholars such as Foucault, Bateson, Derrida or Habermas was as important for the historian or sociologist as for the literary theorist.

Since the start of this year the group has met most Wednesdays. Further details can be obtained from Marea Mitchell (Extension 319) or Jane Goodall (Extension 705).

The first symposium organised by the group will be titled The Manufacture of Desire and will be on the work of Deleuze and Guattari. It will be held in the Auchmuty Library from 2 to 6 pm. The speakers will be:

- Rex Butler (Fine Arts, Sydney) on Mimesis and Deleuze, Jane Goodall (Drama, Newcastle) on The Drawing Lines of Flight, Elizabeth Gross (General Philosophy, Sydney) on Women and Desiring Machines and Geoffrey Samuel (Sociology, Newcastle) on The Theory of Power in Mille Plateaux.

Enquiries can be made to Jane Goodall or Geoffrey Samuel (Extension 307).

People attending the symposium are invited to join the Critical Theory Group for dinner afterwards at the House of Peking Restaurant, Wallsend at 7 pm.

STAFF MOVES

Appointments

- Dr Anthony M. Brown, Senior Lecturer, Faculty of Medicine.
- Mr Michael S. Compton, Lecturer, Faculty of Medicine.
- Mrs Deborah A. House, Laboratory Assistant, Faculty of Medicine.
- Mr Ronald G. Secrett, Laboratory Assistant, Department of Education.

Retirement

- Mr Stephen T. Teal, Garden Labourer (First Class), Building and Grounds.

CONVOCATION'S AGM

The Annual General Meeting of Convocation of the University will be held in the Staff House on Tuesday, July 26 at 8 pm.

The guest speaker will be Mr Dennis Rowe and he will speak on From Tighes Hill to Shortland 1951-1965. His talk will be accompanied by slides of photographs from University Archives. The talk will cover the early pioneer days of the University.

Mr Rowe, a member of Standing Committee of Convocation, is currently Archives and Records Services Officer in the Auchmuty Library.

Dennis began his working life as an articled law clerk at Grafton and was admitted to the NSW Bar in 1969. A State Councillor of the Records Management Association and Convener of the Australian University and College Archivists, he also holds an MA in Economic History from the University.

Supper will be provided at the end of the meeting.

- Mr David C. Marr, Senior Administrative Officer, Secretary's Division.

Resignations

- Miss Allison Clark, Steadographer, Department of Mathematics.
- Mr Paul A. Fairall, Senior Lecturer, Department of Law.
- Miss Peta S. Jamieson, Laboratory Assistant, Department of Biological Sciences.
- Dr Priyantha A. Mendis, Probationary Lecturer, Department of Civil Engineering and Surveying.
- Mrs Karen L. Ritsager, Word Processor Operator, Department of Modern Languages (German Section).
- Mrs Linda M. Sembiri, Computer Programmer, Department of Computer Science.
- Mr Stephen T. Teal, Garden Labourer (First Class), Building and Grounds.

Student enrolments for 1988

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Undergraduates

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New Undergraduates

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New Convocation Warden

Mr Vic Levi (BA 1975) was elected Warden of Convocation for a two year period from July 1. Mr Levi is a journalist who is now Manager of The Post.
DIARY OF EVENTS

Friday, July 22, 7 pm
Dr Karl Kuszeznicki, Royal Alexandria Hospital for Children, Camperdown, will give a Public Lecture on The Bizarre Side of Science. Venue: Lecture Theatre E01. Sponsored by the Department of Physics, the Physics Society of the University and the Australian Institute of Science.

Monday, July 25, Noon

Tuesday, July 26, 1 pm

Wednesday, August 3, 2 pm

Friday, August 5, 11 am

ADVERTISEMENTS

For Sale
Seventy-one piece Siamese gold plated and buffalo handle cutlery set in wooden case. Asking price: $150 or near offer. Please telephone Extension 746.

64 Commodore computer. Features include: 1701 colour monitor, 2.1541 disk drive and 1.526 printer. All are in excellent condition. All relevant manuals are available. Software include omnicallc time money manager and numerous public domain programs such as speed script and text master (spare ribbons available). Any reasonable offer considered. Reason for sale — upgrading to a larger computer. Please telephone Dr Hendry at 63 2286.

Solid pine bar in excellent condition. Asking price: $120 or near offer. Please telephone Extension 388.

1970 Datsun 1600. Features include: 12 months registration (BEU 049), tow bar and is neat and economical. Asking price: $1,390 or near offer. Please telephone 43 6618 after 5 pm.

Parker dining table — solid teak extension table and four chairs (black leather upholstery); round pine table (38” diameter); office chair (old style); Pyrox gas heater; mantelpiece/china cabinet.

Interested persons should telephone Jan Ebbbeck, Extension 262.

Book/record storage units, $10 each; large pine bookcase, $95; linen cupboard (louvre door), $38; ironing board, $4; plus miscellaneous crockery, saucepans etc. free. Please telephone Extension 679 or 51 5219 or Extension 560.

1974 HG GTS Holden Ute (161 Block). Features include: excellent working condition, nine months registration, mags and tyres, 4-speed gear box, tow bar and is free of rust plus tarpaulin. Asking price: $2,200 or near offer. Please telephone 45 8706.

1983 Nissan Pulsar 1.5GL Hatchback. Features include: tow bar, excellent condition, carefully maintained. June 1 registration. Asking price: $7,500 or near offer. Please telephone Extension 274, or leave a message at Extension 611.

Wanted to Buy
Washing machine, reliable and reasonably priced. The birds have flown the nest, but their washing retains a homing instinct. If you are considering trading in your old machine please telephone Joe at Extension 502 or 75 2205 after hours.

Old Cedar or Pine furniture unrestored (in any condition) together with old furniture handles and bric-a-brac etc. Cash paid. Please telephone 59 2319.

Small mens dinner suit which has to be more than 20 years old and in excellent condition. Please telephone Linda at Extension 329.

How to contact Mr Gillman, member of Council
Mr Kent Gillman, member of Council, can be contacted through a mail box in the Union. If you want to contact Kent, write a letter and put it in box No.1, adjacent to the Co-op Bookshop.
He can also be contacted by writing C/- Edwards Hall using the University’s mail system.

6 Weeks to UNIVISIT ’88 (Bicentennial Open Days)