President-elect of the Students' Representative Council, Michael Harkin, hopes to increase the involvement of the student body at the University of Newcastle in the Council's operations.

"I want to remove the 'clique' element that surrounds the SRC and increase the students' accessibility to the Council", he says.

"This involves increasing communication with students by releasing a weekly newsletter which informs them about the SRC's policies and activities and the student labour that is available to all students, not just those in the know".

Michael Harkin is a Year 11 Economics and Commerce student at the University since 1980. He is involved in student affairs as Treasurer of the SRC and the Union Board of Management. Currently, he is President of the Society of Economics and Commerce students.

Michael says the current SRC headed by Terry Slevin has laid down the ground work for solutions to a number of contemporary problems, namely child care, student housing and Library extensions. To lose the momentum gained by Terry and the associated committees would be remiss. He therefore intends to follow-up on these issues.

"The SRC exists to provide for students' needs and desires. In order to satisfy these functions, it is necessary to be attuned to student politics. This does not mean the blind following of one particular political party. It does mean reviewing the stand taken by bureaucracies as regards educational standards and facilities and acting to alter, update or improve such policies.

"To suggest that the SRC President cannot be politically motivated is reducing this person's status to social director", he added.

Two nominations were received for the position of SRC President and one nomination was received for the position of Media Officer. The occupants of the positions are paid officers.

In a ballot for the Presidency Harkin received 210 votes and Barry Farrell, a Year 1 Arts student, received 168 votes.

Peter Giles was re-elected Media Officer unopposed.

Numbers voting in the election were appreciably higher than last year, up 150 to 381 representing about eight per cent of the student population.

Other SRC Executive positions that were filled in the elections:

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INSIDE: Record Research Grants

Vol. 9, Number 19, October 27, 1983. Registered Australia Post No. NBH 3127.
The 1983 President (Terry Slevin) and the 1983 executive will continue to serve through the transition period from this year to 1984 -- up to the Students' Association's annual meeting at the start of first term next year.

When told that the University of Sydney's two student organisations had women presidents at present, for the first time, the President of the SRC, Terry Slevin, said the University also had a female SRC President and a female Union Board President a couple of years ago. He was at a loss to explain why some women had not been nominated for positions on the new SRC executive.

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The Vice-Chancellor said he had submitted a report on the outside earnings of academic staff to the Finance and Personnel Committee on September 30. The report would be submitted to Council on October 21.

The Vice-Chancellor said that the returns he had received indicated that 50 per cent of staff had no outside earnings and 25 per cent received amounts of up to $500. The remaining 25 per cent received more than $500, but in all cases the amounts were less than 25 per cent of salary. In many cases the amounts received were paid in to Departmental funds for research purposes.

The Vice-Chancellor said that the returns revealed that there had been very little change in the decade since outside earnings were last reviewed. The situation was a source of satisfaction to himself and the Finance and Personnel Committee. The Vice-Chancellor thanked all members of staff who had responded so readily.

As Senate was informed by the Faculty Board, Faculty of Science, that the Board intended to hold an Orientation Day for second/third year students enrolled in the Faculty on the Wednesday prior to the beginning of the academic year. The Orientation Day would permit the allocation of students to laboratory classes; allow Departments to distribute laboratory manuals, course outlines, etc.; allow Departmental representatives to rationalise classes where numbers were small and to encourage students to join the student societies.

Professor Carter, who welcomed the principals, spoke of the University and Newcastle CAE now being in agreement about the need to work hard to determine their own futures, now that the Federal Government would not force amalgamation upon the two institutions, rather than allowing Canberra to make the decision from a distance.

Our picture by Bob Scoble shows the President of the Hunter Regional Secondary Principals' Council, Mr. B. Fairleigh, of Wallsend High School, and Professor Carter.
NEW MEMBER OF COUNCIL

After votes were counted in the election of a student member of Council Terry Slevin, a Psychology Honours student, clinched the position with 143 votes.

Christopher Hallett, an Architecture Ph.D. student, was also a candidate in the election. Hallett polled 106 votes.

Slevin is President of the SRC and the Union Board of Management and a student member of Senate. He will relinquish his SRC Presidential position next year.

He has been elected to succeed Stephen Date on the Council for a two-year term beginning on January 1, 1984.

Terry Slevin has set forth a number of initiatives and high on his list is greater frequency of Council meetings, say 12 a year instead of the present six.

"With all major decisions being supposedly made by Council, many people find it difficult to believe that effective government can be provided by means of a three to four-hour meeting every two months!"

If Council met more frequently it could more fully consider matters which currently receive only lip service or no attention at all.

Further, Slevin says, the democratic reform would remove some decision-making responsibilities from members of the University's executive.

He would also like to see the format of student cards changed.

"The thin cardboard ID cards we have now", he says, "are visually unimpressive and far too easy to damage or destroy. A plastic (bankcard type) ID plate would be far more recognisable and long-lasting!"

Terry Slevin believes that the move to open Council meetings should be applauded. Members of the University, especially students, are encouraged to observe some portion of a Council meeting.

However, he sees the limiting of the number of observers to the number of seats available in the Council Room as ludicrous. Further, the exclusion of some staff from Council meetings during working hours is unfair.

Terry Slevin invited all members of the University (students and staff) to comment on his initial ideas or suggest other matters for the Council's consideration. He was available through the SRC Office in the Union.

In addition, he wanted to thank every one of the 143 students who voted for him.

GROUND FOR FAITH

Newcastle, through the eyes of members of Newcastle Businessmen's Club, is portrayed in VISION, NEWCASTLE: Grounds for Faith.

The new book has been published by the club to mark its jubilee, (it was initially known as the Managers' Club and met in the Blue Room Cafe in Newcastle)....

As Mr. Brian Reif, President of the Businessmen's Club, says, the book contrasts the Newcastle of 1933 with Newcastle, 1983. The advances, particularly in community facets, in education, medical services and so much more, make a record that is stimulating, he says.

"We emerge as an exciting region, equipped to serve Australian in a powerful manner over the rest of the century and beyond. Our 'grounds for growth' are firmly founded!"

In the Publishers' own words, the idea behind the book is: "What has the Club done in its 50 years? Or, what has Newcastle done?"

To give the answer, an impressive review (of some 80 pages), liberally illustrated and laid-out in clean, modern fashion, has been produced.

The publication was edited by Mr. Eric Lingard, presently Convocation's Visiting Scholar at the University.

To develop on Professor Cyril Renwick's Introduction, Perspective on the Hunter Region, the book explores investment and employment, the port, the City Council's plans for the harbour foreshore and an International hotel, coal-loading facilities, the steel industry, the Tomago aluminium smelter, ship-building, the replacement of Mirage fighters at Williamtown RAAF Base, rail electrification, development of the main road system, The Newcastle Herald's 125 Anniversary and other Industrial and commercial events and developments.

An article on the University of Newcastle's aims and strategies for the remainder of the 1980s, a description of the new-ora Medical School and an item on Supernova will remind readers of the book of the University's valuable role in the community.

...Grounds For Growth can be purchased from the Cooperative Bookshop in the Union and costs $5.

PSA ELECTION

Nominations are being called for election as Chairman and Secretary and to other executive positions in the University's Sub-Division of the PSA for 1984.

An election has been called for Chairman, Secretary, Assistant Secretary, eight Committee members, two delegates to Government Agencies Division Council, two delegates to Annual Conference and a nominee for election to Central Council.

Nominations should be addressed to the Sub-Division's Returning Officer, Mr. D. Shilcock, of the Department of Biological Sciences, and should reach him prior to November 1.
Letters

Dear Sir,

Your correspondent (13, 10, 83), Professor J.B. Biggs referring to the visit by Professor Levin, comments that a Newcastle audience showed reasonable restraint ("unlike the University of Queensland, where the argumentum ad feminam created a near riot").

I suggest he check the accuracy of his reference to this University with Mr. Justice Kirby who chaired the only University-sponsored debate here and, preferably, publish a more accurate description.

An earlier function organised by a student body was noisy and afterwards several eggs were thrown: but, even then there was a "riot" only in the first Oxford dictionary meaning of "wasteful living".

S.A. Rayner, Registrar, University of Queensland.

Dear Sir,

Yes, Professor Levin did wear two hats -- an academic one and a political one. I attended the seminar arranged by the Department of Philosophy and the address arranged by the Department of Education. They were different in character.

I am acquainted with two articles Levin has written on education -- one on Women's Studies in American colleges and universities, the other on the revision of school textbooks along feminist principles. Whether one agrees with his conclusions or not, both articles are worth reading by educationalists, both throw light on neglected topics.

I followed Levin's philosophy paper with difficulty. I gained something from his talk on Feminism and Freedom -- for a start, an understanding of the case he was arguing. Strangely enough, although he took a very extreme position (sex differences are biologically determined) this led right at the end to a quite moderate conclusion. Since sex differences are innate, said Levin, the feminist campaign must fail. it was like attempting to drive a car through a brick wall -- it can't be done. But his objection was that, in the attempt, considerable damage would be inflicted on the environment.

While I believe he over emphasised the importance of innate differences between the sexes and while I believe he severely under-estimated the harassment of women which is one reason for the protective legislation which has been enacted in many "western" countries, I find it hard to deny his argument that the invocation of state intervention will diminish freedom generally.

While one can't make people good by legislation, one can scare many people into behaving fairly well by legislation.

In the last fifty years state intervention has transferred western society, producing improvements, but also diminishing freedoms. This process of increasing state control shows no sign of stopping.

There is another facet to the Levin visit. Yes, he was a politico as well as an academic but we should not overlook the fact that it is by no means unusual to find academics in Australian universities advancing political causes. This is one of the phenomena of our new society. It may have contributed to the loss of affection which universities have experienced over the last decade and a half. There are plenty of lecturers who would not deny that they present a political case to their students. They might even say that this is inevitable. They might also assert that objectivity is impossible, a "bourgeois myth". They would argue that, provided they announce their bias at the beginning of their lecture course, they have done their academic duty.

I do not believe this. While I agree that complete objectivity is impossible, this does not remove the obligation of an academic to strive for objectivity, to be as objective as he can. Procedures and principles have been evolved over the last hundred years to facilitate this. One basic principle is that one should state opposing views at their full strength before attempting to answer them.

This honourable tradition has weakened over the last 15 years.

It must be said for Levin that he did make an attempt to state the feminists' case before answering it. I would not care to say whether he presented this case adequately. Perhaps a feminist speaker would have done better. Elsewhere in his tour a debate with a feminist was arranged. On the whole, I am glad this was not the approach in Newcastle. It might well have produced a circus.

Rational discussion is probably better obtained by the seminar system or by arranging a series of speakers on a general theme over a period of time.

Was the objection to Levin not that he was political, but that he had the wrong sort of politics?

Alan Barcan, Department of Education

Thanks

Mr. Jacques Price wishes to thank all those members of the University and students who sent expressions of sympathy following the death of his wife, Michele Price, Tutor in French, on August 18. Mr. Price says he, his son and daughter deeply appreciate the donations made in memory of Michele to the Mater Hospital Oncology Development Fund by members of the Language Laboratory and Department of Modern Languages, the constant support given by Mrs. Gay Reeves and Miss Jan Rubenach, the paroles d'adieu by Mike Connon at Beresfield Crematorium Chapel and the Obituary by Professor Ken Dutton and Mike Connon in the University NEWS.
The Institute of Industrial Economics has issued a detailed programme for its two-day conference, Policy Priorities for Australian Steel Regions, to be held at the University on November 3 and 4.

The speakers and their papers:

Dr. P.J.C. Stanton, An Overview of the Steel Region Problem -- An Internal Perspective.


Mr. L. Fallshaw, An Overview of the Steel Region Problem -- A User's Perspective.

Mr. P. Laver, Planning Alternatives for Steel in Australia.

Mr. W.C. Wentworth, The Steel Industry, the IAC and the Government; The Steel Industry and the Metal Trades Industry Association.

Dr. C.J. Alsibale, Declining Major Industries as a Regional Industrial Policy Problem.

Mr. S. Garlick, Significance of the Steel Industry to the Hunter Regional Economy.

Mr. G. Larcombe, Corporate Strategies or Economic Planning: the Future of Australia's Industrial Regions.

Mr. John Allan, Editor, Newcastle Herald, after-dinner speech.

Professor B.L.J. Gordon and Mrs. M. Gordon, Steel Industry Redundancies.

Mr. Rumsey, Employment Prospects of Retrenched Workers in the Steel Industry: An Assessment of Technical and Further Education Initiatives.

Dr. Frances Perkins, Issues and Principles in the Provision and Pricing of Infrastructure Facilities: Case of the Hunter Region.

Mr. A. Young, The Role of Local Initiatives.

Dr. J. Guest and Dr. J. Mangan, The Cost of Dependence -- Effects of the Decline in the Steel Industry in the Wollongong Region.

Mr. B.A. Twhilll, Steel Region Policy Priorities, The Conference Registrar is Mr. Bernie Twhilll and his telephone Extension is 778.

The Tennant Creek newspaper, The Tennant and District Times, of September 9 reported that a bicycle which was stolen from outside the Anglican Church was found by police outside St. Vincent de Paul.

Why is this fact significant? Well, Professor Don Parkes, Assoc. Professor in Geography, hires the bicycle. He is on leave carrying out an Outside Studies Programme and living at the Anglican Rectory in Tennant Creek.

In a letter, he explained that for his field research vehicle in Tennant Creek and other towns he hired the bicycle -- "a sort of 4-wheeler"! As you cut two wheels and two legs pushing the vehicle through the bull-dust!"

As for Tennant Creek, he commented in these terms: "The most daunting feature of Australia, OUT-BACK, is the tyranny of distance.

"One thousand kilometres from Darwin; 500 from Alice Springs, 2,000 from Adelaide, 2,700 from Perth, 2,600 from Sydney, only God knows how far from Melbourne, Tennant Creek is about 300 kilometres North of the geographical centre of Continental Australia, in a word it is remote!"
**CTEC RECOMMENDATIONS FOR '84**

The Minister for Education, Senator Susan Ryan, has announced the Government's acceptance of the Commonwealth Tertiary Education Commission's funding recommendations for 1984. The recommendations are included in Volume 4 of CTEC's Report for the 1982-84 Triennium, which was tabled in Parliament on October 18.

The Vice-Principal, Professor K.R. Dutton, has commented on the Report as follows:

Volume 4 of the CTEC Report for 1982-84 presents few if any surprises as far as the University of Newcastle is concerned. While the Commission's recommendations for universities refer chiefly to equipment and capital programmes for 1984, special mention is made of the breakdown of recurrent funds for institutions affected by earlier amalgamation proposals which (at least for the time being) are not to be pursued. It will be recalled that in Volume 3, the CTEC did not recommend recurrent funds for a number of CAEs (including Newcastle CAE) because acceptable consolidation proposals had not been received; subsequently, the then Minister for Education announced the provision of funds for "amalgamating" Institutions which included amounts for advanced education activities. For Newcastle, the sum announced for 1984 (in 1983 current prices) was $39,07 million.

### Separate Allocations for University and CAE

Following the Hawke Government's decision not to proceed with enforced amalgamations, recurrent grants have now been allocated separately for the institutions concerned. The amounts approved for the University of Newcastle are: 1983 $29,20 million, 1984 $29,00 million. The reduced sum available for 1984 will impose a further strain on the University's budget next year. Recurrent funds for the College are also reduced, from $10,33 million in 1983 to $10,07 million in 1984.

While some retrospective supplementation may be hoped for, to take account of salary increases, it is clear that the University will still face a substantial budget deficit in 1984.

The Commission reiterates the need for close co-operation between the Institutions previously singled out for amalgamation, it expects that the Institutions will plan co-operatively for increased participation without duplication of facilities, and foreshadows that it will be providing advice in the first half of 1985 on future developments in higher education in Newcastle and Armidale.

### Increased participation programme

Referring to the Government's allocation of an additional $10 million in recurrent funds to assist in increased participation in higher education by the provision of 3,000 new places in 1984, the Commission comments that the Government had not accepted its recommendation for a building programme to ensure that the additional places were available when needed, nor has it given a firm commitment to meeting the longer-term costs of the levels of participation that the Government's announced policies imply. "We should seek", the Commission adds, "to avoid the need for a policy which would increase participation by disadvantaged groups by reducing opportunities for those who now have them". Senator Ryan announced on October 18 that the Commission had been asked to bring forward a supplementary report by the end of this month, containing specific recommendations on the detailed allocation of the additional $10 million aimed at increasing participation in higher education in 1984.

### Equipment

The total amount available for expenditure on equipment next year will be the same as in 1982 and 1983 ($70,7 million for universities and CAEs), and the Commission expresses its concern that this sum is $21,8 million below the level it had recommended to the Government for 1984. The 1984 equipment grant for the University of Newcastle is $1,4 million.

Despite an overall increase in capital grants ($3,8 million above the 1983 level), much of the increase is taken up by projects already committed or embarked upon, and only $6,08 million remains available for new building commencements in universities and CAEs. The amount available for minor works and design of major buildings is reduced by $0.57 million compared with 1983. Grants have been made to the University of Newcastle for further work on the construction of clinical teaching facilities ($11,6 million) and the Animal House ($500,000) in 1984, and an amount of $320,000 has been made available for minor building projects.
Increased burden on students in residence

The CTEC Report contains the advice of the various Councils on funding for 1984. The Universities Council records its disappointment at the Government's decision to reduce the student residences recurrent grant by 25 per cent in 1984. It is concerned at the increased financial burden on the students from non-metropolitan backgrounds who constitute the majority of residents; this appears to the Universities Council to run counter to the Government's stated policy of improved access for disadvantaged groups, one such group being rural youth. The Commission notes the views of the Universities Council, and indicates its intention to review the arrangements for recurrent assistance for student residential accommodation and to report on this matter in Volume 1 of its report for the 1985-87 Triennium.

Amongst the Appendices to the CTEC Report are included a number of documents previously circulated separately, including the Commission's advice on the Report on the Tenure of Academics (the Teague Report), on the amalgamation of institutions in Newcastle and Armidale (advice which was not accepted by the Government), and on the Ralph Report on Management Education. As to the Ralph recommendations, the CTEC will continue to monitor the demand for the Newcastle MBA course and expects this demand to be one of the factors considered by the Universities Council when it advises on the future of the programme in the context of the 1985-87 Triennium.

SUPPORT

A premiere screening of a film at the University on October 13 was warmly supported by members of the University.

The screening of the new James Ivory/Ismael Merchant film, Heat and Dust was attended by more than 150 people.

Standing Committee of Convocation, which arranged the evening, raised $550, which is to be directed to the University Village Capital Fund.

A spokesman for Standing Committee said the Committee had relied heavily on the University's Indian Sub-continent Students' Association for the good attendance.

The committee had also called on the Union to assist by distributing some of the tickets.

The Greater Union Organisation had generously lent the film for the screening.

Finally, it is worth noting that the Universities Council recognises the adverse effect of restrictions on recurrent funding together with the growth in enrolments. This has reached a point at which, in the Council's view, "academic standards are now at risk". Student/staff ratios have deteriorated from 12:1 in 1981 to an expected ratio in excess of 13:1 by 1984, and the numbers of academic staff at lecturer and tutor grades have fallen from 5,692 in 1981 to 5,054 in 1983. The Council's concern will certainly be shared by all members of University staff.

Ms Kay Jackson, a Technical Officer in the Department of Geology, has been elected to the Executive of the Newcastle Trades Hall Council.

The election of Ms Jackson has broken a long tradition of the Executive of the THC being composed of men. Further, she is the Public Service Association's first delegate to the Council.

Ms Jackson is the representative of the Newcastle District Branch of the PSA on the THC.

She joined the PSA's subdivision on the campus in 1972 and in recent years has served on the Management Committee -- for the last two years as Assistant Secretary.

She is also a member of the PSA's Central Council and a Delegate to Annual Conference.

Advertisements

HILLS EXTENDALINE plus two posts. Only 15 months old. $85 or near offer. Interested persons are requested to telephone Extension 346 or 43 9217 after business hours.
$1,566,115 IN GRANTS

The University has continued its success in winning grants from outside bodies for research, with $1,566,115 awarded by the Australian Research Grants Committee and the National Health and Medical Research Council for projects in 1984.

The University attracted record support from the NH&MRC -- a total of 30 grants valued at $995,322. This compares with 28 worth $902,605 approved last year.

Members of staff will receive $570,793 in grants from the ARGC next year to fund 37 research projects. This increase (27 per cent above the 1983 grant level of $449,165) is in excess of the overall increase in funds nationally available (16 per cent).

The Vice-Chancellor, Professor George, said that the achievement of the academic staff in gaining this level of support for their research contributions was particularly pleasing. The NH&MRC and ARGC funds are highly competitive and the bodies concerned advised that further projects would have been supported if they had had additional funds to distribute. "It is a significant recognition of the high quality of the research being carried out", Professor George said.

ARGC

Professor R. Antonia and Dr. A. Chambers, Transfer Processes in Turbulent Shear Flows, $47,285.

Assoc. Professor B. Fraser, Propagation Studies of Hydrodynamic Waves Between Spaced Stations, $43,850.

Assoc. Professor C. Croxton, Complex Molecular Systems, $38,577.


Assoc. Professor W.A. Oates, Thermodynamic Properties of Transition Metal Hydrides, $29,800.

Professor R. MacDonald and Dr. D. O'Connor, Neutralisation and De-Excitation of Scattered Ions and Atoms from Ion Bombarded Surfaces, $29,220.

Dr. L. Bromer and Professor R.A. Antonia, The Viscous Sublayer Underneath A Turbulent Flow, $22,425.

Assoc. Professor B. Fenejon, Brain Responses in Predicted and Unpredicted Stimulation Sequences, $21,000.

Professor W. King, Psychological Stress: Pineal Peptides and Indoleamines, $20,000.

Assoc. Professor R. Oonley, Carbon Overlayer Electrodes, $19,500.

Professor G. Jameson, Fine Particle Entrainment and Drainage in Flotation Froths, $18,600.

Assoc. Professor B. Fenejon and Dr. D. Finley, Electrophysiological Study of the Perception of Apparent Motion, $18,000.

Dr. J. Patrick and Dr. R. Offler, Phloem Unloading of Photosynthates, $17,675.


Dr. J.C. Fryer, H.L. Mitchell and Dr. M.H. Elifick, The Potential for Photogrammetric Measurement in Certain Fields Using Simple 'Non-Metric' Cameras, $15,000.


Professor J. Biggs, Student Motivational Patterns, Study Strategies and Academic Achievement, $14,000.

Assoc. Professor R. Jones and Professor B. Setchell, Regulation of the Functions of the Initial Segment of the Epithalamus, $13,203.


Professor W. Pickering, Factors Affecting Ion Retention by Soil Components, $12,100.

Assoc. Professor B. Karlhaloo, Theoretical Investigation of the Fracture Behaviour of Elastic Composite Materials, $12,000.

Dr. P. Seacombe, Fluid Inclusion Studies and Ore Genesis at Cobbar, New South Wales, $11,500.

Dr. A, Page, The Deformation and Failure of Brick Masonry Under Biaxial Stress, $10,800.

Professor G. Jameson, Measurement of Charge on the Gas-Liquid Interface, $10,600.

Dr. R. Rose, Chloroplast DNA: Organisation and Modification via Protoplasts, $10,000.

Professor A. Roberts and Mr. D. Scott, The Influence of Vibration Parameters on the Strength and Flow Properties of Bulk Solids, $9,500.

Dr. R. Heath, Parallel Distributed Models for the Storage and Retrieval of Spatiotemporal Information in Human Memory, $7,600.

Professor M. Cattei, Syntactic Structure in the Language of French and Polish Migrants, $7,050.

Assoc. Professor A. Guttman and Assoc. Professor W. Oates, Theory of the Absorption of Interstitial Solutes by Random Binary Alloys, $7,000.

Dr. D. Wood, Heat Transfer at Low Reynolds Number, $6,500.
Dr. D. O'Connor, Medium Energy Scattering for Surface Structure and Composition Analysis, $6,040.

Assoc. Professor W. Wallis, Construction of Combinatorial Arrays and Block Designs, $5,060.

Dr. J. Kirby, Effects of Text Structure and Learning Strategies Upon Comprehension, $5,000.

Dr. R. Laughran, Hillslope Erosion and Sedimentation, $2,152.

Professor C. Tisdell, World Conservation Strategy and Economics of Conservation, $2,106.

Dr. P. Moynan and D. Hill, Studies in the Analysis of Non-Linear Systems, $2,000.

Assoc. Professor C. Keay, Automated Radar Meteor Detection System, $1,000.

Dr. D. Wood, of the Department of Mechanical Engineering, Dr. C.A. Fletcher, of the University of Sydney, were jointly awarded $15,260 by the ANRC for a research project in connection with internal swirling flows.

NH&MRC

Professor J. Robinson, Nutrient Supply and its Utilisation in Experimental Fetal Growth Retardation, $59,766.

Dr. N. Saunders, Endorphins and Control of Breathing, $56,708.

Dr. M. Hensley, Respiratory Illness and Immune Development in the First Year of Life, $54,918.

Dr. G. Butcher, In Vitro Studies on Human and Animal Malaria, $51,254.

Assoc. Professor B. Fanelon, Effects of Refractive Error, Strabismus and Amblyopia on Stereoscopic Vision, $49,264.

Dr. J. Garkens, Mechanism of Action and Prevention of Drug Induced Nephrotoxicity, $48,474.

Assoc. Professor R. Barry, Characterisation of Human Parainfluenza Viruses, $44,438.


Professor R. Burdon, T-Cell Monitoring in Allergic Autoimmune and Neoplastic Diseases, $36,389.

Dr. A. Husband, Induction and Delivery of IGA Responses in the Gut, $34,587.


Dr. V. McPherson, In Vitro Assay of Endothelial Cell Injury, $31,516.

Dr. B. Singh, Endorphins and The Hypothalamic Pituitary Adrenal Axis in Post Partum Blues, $30,474.

Dr. P. Dunkley, Calcium-Stimulated Protein Phosphorylation and Neurotransmitter Release, $30,331.

Dr. J. Rostas, The Effect of Steroid Hormones on Synaptic Plasticity, $28,858.

Dr. R. Smith, Carabro Spinal Fluid B-Endorphin and Motekpherical During Pain and Stress, $28,505.

Professor J. Robinson, Glucocorticoidogenesis Before and After Birth in Experimental Fetal Growth Retardation, $27,622.

Dr. J. Rostas, Specific Cell Surface Markers for Skeletal Muscle, $27,117.

Dr. D. Pauls, Cardenolides, Noradrenaline Release and Regulation in Adrenergic Nerves, $27,083.

Professor R. Santer-Fisher, Detection of Psychiatric Disturbance by General Practitioners, $26,917.

Dr. A. Gillies, The Renal Interstitium as a Control of Renal Angiotensin, $26,757.

Dr. K. Bowen, Xenogeneic and Allogeneic Endocrine Pancreas Transplantation, $25,101.

Dr. A. Husband, Modification of the Immune Response by Behavioural Conditioning, $25,984.

Dr. J. Garkens, Mechanism of Antihypertensive Action of Frusemide, $24,563.

Dr. N. Saunders, Dopamine and Ventilation in Man, $24,149.

Dr. R. Adler, Antenatal Prediction of Difficulties in Maternal-Infant Relationship, $23,731.

Dr. J. Heath, Factors Determining Myelination: A Novel Approach In Vivo, $21,285.

Dr. L. Cheah, Functional Interactions Between Putative Neurotransmitters in Guinea-Pig Ileum, $19,127.

Dr. S. Carney, Effect of Commonly Used Pharmacological Agents on Distal Nephron Water Transport, $15,626.

Computers in Laboratories

To provide an understanding of the use of computers in the laboratory, a workshop will be conducted by the Hunter Valley Microbiology Association.

The workshop will include lectures, presentations by the computer industry and a micro-biology quiz using a microcomputer.

It will be held in the David Maddison Clinical Science Building in Newcastle on November 19 and 20. For further information, please contact Dr. Tim Roberts, of the Department of Biological Sciences, at Extension 511.
The University and Newcastle CAE have arranged to open the recently-completed Les Gibbs Field Station at Myall Lakes on November 19.

The Vice-Chancellor informed the Council that the Field Station's Management Committee would have equal representation from the University and the CAE, consisting initially of three persons from each.

The role of the Management Committee, he said, would be to co-ordinate the activities of both institutions with respect to the use of the field station; to report to the appropriate body in the institutions on the functioning of the field station; and to co-ordinate applications for funding and upkeep and new initiatives, and to draw up and review policies adopted with respect to priorities of use of the Station and general running procedures.

The University's representatives are Professor B. Boettcher, of the Department of Biological Sciences, Dr. B.A. Conroy, of the Department of Biological Sciences, and Dr. J.C. Turner, of the Department of Geography. Dr. Conroy has been appointed Manager of the station.

After Council was told that Newcastle CAE had agreed to withdraw its request to the Higher Education Board to offer a Master of Special Education as a course in advanced education, Council approved the establishment of a degree of Master of Special Education. It was reported that the Faculty of Education had had the offering of a Masters degree in Special Education under consideration for some time and in recent months it had become clear that the need for this course in the region was urgent.

Since the Council's previous meeting the Joint Senate/College Academic Board Committee discussed the allocation of the responsibilities for the administration of masters degrees, after lengthy discussion, Council decided to support a plan for a joint appointment of an Equal Opportunity Co-ordinator with the NCAE.

The Council's Advisory Committee on Equal Opportunity had reported that since the Council's last meeting significant developments had occurred touching upon the Council's proposal to explore with NCAE the possibility of the joint appointment of an Equal Opportunity Co-ordinator, in particular the statement of the Premier, Mr. N. Wran, concerning the scheduling of tertiary institutions under Part IIA of the Anti-Discrimination Act, 1977. These developments had led the Committee to reiterate its preference for the appointment within the University of a full-time Equal Opportunity Co-ordinator.

The Minister for Education, Mr. Mulock, in a letter to the Chancellor, said that the University was required to prepare and implement an equal opportunity management plan. He favoured June, 1985, as the date for the implementation of the management plan.

The Council also had a report from the Vice-Principal of the University, Professor K.R. Dutton, and the Assistant Principal of Newcastle CAE, Dr. D. Huxley, on the practicability and feasibility of a joint appointment to the position of Equal Opportunity Co-ordinator.

Mrs. E.M. Morrison, Chairperson of the Advisory Committee on Equal Opportunity, declined a nomination for reappointment as Chairperson because of her workload. Mr. P. Chopra was appointed to succeed her.

Council approved a new scale of fees and a budget for Edwards Hall. The fee for a standard room in the Hall will be increased $5 per week to $75 and the fee for a room in the self-catering unit, TUNRA House, will be increased $2.50 per week to $57.50.

The Chairman of the Board of Trustees, Edwards Hall (Mr. A. Forsythe) said that at this level of fees the Hall was expected to have an income of $621,599 whilst expenditure was estimated at $618,875, leaving a surplus of $2,724 for the year.

In discussion it was submitted that it seemed ironic for the Council to say at its previous meeting that it was concerned about the inadequacy of the TEAS allowance and then to charge students more for living in Edwards Hall

The Vice-Chancellor reported that Professor M.P. Carter, Deputy Chairman of Senate and Professor of Sociology, had been appointed to the Board of Senior School Studies by the Minister for Education. This was a very significant appointment as far as the University was concerned.

Before Council approved a statement of general conditions of appointment for fixed term academic appointments, the President of the Staff Association Dr. D. Wright claimed that some fixed term appointments were disadvantaged in comparison with tenured appointments so far as housing and outside study programme rights were concerned.

The Council asked the Finance and Personal Committee to give consideration to the points raised by Dr. Wright, who stated that he intended to make a written submission to the Committee.

Council appointed the following as Heads of Departments:

Department of Physics, Professor R.J. MacDonald, three years from January 1, 1984.

Department of Drama, Assoc. Professor M.C. Ewans, three years from January 1, 1984.

Department of Geography, Assoc. Professor P.G. Irwin, one year from January 1, 1984.

Department of Philosophy, Assoc. Professor W. Daniel, two years from November 1, 1983.

Department of Education, Professor R.S. Laura, three years from January 1, 1984.
Library "sleep-in"

Students preparing for their night-long occupation of the Auchmuty Library.

The Students' Representative Council of the University staged an overnight "sit-in" demonstration in the Auchmuty Library.

Students slept in the Library, the Students' Association President, Mr. Terry Slevin said, to draw attention to the insidious fall-off of federal funding for tertiary education in the past eight years.

Mr. Slevin said: "The sit-in was more specifically aimed at demonstrating the need for the proposed Stage II B extension to the Library.

"The current Library facility was never meant to house the number of books it currently does. The books are inaccessible and there is less seating space for students."

The more immediate goal was to put public pressure on the Tertiary Education Commission to grant the capital funds so that Stage II B could go ahead.

The "sit-in" was also aimed at the falling level of funding for education as a proportion of the total federal budget.

Mr. Slevin said that the 1981-82 Fraser Budget had spent 8.1 per cent of federal funds on education. "In the 1982-83 Budget it fell to 7.8 per cent, while the first Labor Budget for eight years devoted only 7.4 per cent of the total federal funds to education", he said.

Graduate

Ms Jenni Neary, the new Director of the Women's Bureau in the Department of Employment and Industrial Relations, Canberra, is a BA graduate and Diplomate in Education in this University.

Ms Neary came to the University from Ettalong on the Central Coast and taught in secondary schools while studying for her Arts degree, which was conferred upon her in 1968.

The Women's Bureau's prime functions are to advise the Federal Government on issues affecting women in the workforce and to promote equal employment opportunities for women.

Ms Neary was previously, among other things, Head of the Women's Co-ordinating Unit in the New South Wales Department of TAFE and a Director of the Adelaide Working Women's Centre.

SCHOLARSHIPS

The Vice-Chancellor informed October Senate that he proposed to allocate up to $15,000 from the Discretionary Fund to provide between 12 and 15 scholarships for students who had completed three years of a degree course. The scholarships would be valued at between $100 and $150 per week for a period from eight to 10 weeks during the summer vacation. The scholarships would be restricted to students of this University and were intended to allow students to have close contact with research being carried out in the chosen departments. Any student interested should contact the Head of Department in which he or she wishes to work.
Mr. Adrian lakin has been appointed Sport and Recreation Officer. He succeeds Mr. Harry Bradford, on whose retirement the name of the Amenities Office has been changed to the Sport and Recreation Office.

Mr. Iakin holds the degrees of B.Sc. (Hons.) and M.Sc., and a Diploma in Education, from the University of New England, where he is currently a Tutor in the Centre for Behavioural Studies. A keen sportsman, Mr. Iakin has represented University of New England in Intervarsity Tennis, having played in a number of tournaments and managed the University of New England Inter-varsity Tennis Team on two occasions. He was awarded a half-blue by the University of New England Sports Union in 1978. He also has many years' experience on the executive of the University of New England Sports Union, of which he is currently Vice-President. He is also Treasurer of the University of New England Athletics Club and President of the University of New England Fitness Club.

As a sports administrator, Mr. Iakin has devised, implemented and supervised a number of programmes in tennis, athletics and fitness. He has also been involved in sports coaching and has written regular articles on sport for local newspapers. He has had an article published in the running magazine "Runner's World."

Mr. Iakin has experience as a high school mathematics and science teacher as well as a university tutor in both mathematics and education. He has had four papers published in "The Fibonacci Quarterly", a specialised mathematics journal dealing with number theoretic properties and recurrence relations published by the University of Santa Clara, California.

Anouncing Mr. Iakin's appointment, the Vice-Principal, Professor K.R. Dutton, said the Selection Committee had been looking for a person with a background in financial and organisational management. Mr. Iakin possessed all these qualities to a high degree, Professor Dutton said.

Mr. Iakin will take up the position at the beginning of 1984.

The University's Men's Table Tennis team again performed very creditably in the Intervarsity Contest.

Since 1979 it was the first time that the team had not been one of the two finalists. In 1982 the team was the winner. However, this year we had to content with fourth place, even though our representatives put up very fine displays.

In the men's singles Robert Haberl was runner-up. However, in the Universities' representative team, he was named the number one player.

Robert partnered Phillip Horton to win the Men's Doubles Title for the third time.

The Women's Basketball team came fourth out of 14 teams in the competition. Lindy Barrett and Jenny Pearce were chosen in the Australian Universities' team.

The Men's Basketball team came eighth out of 16 teams. The results which brought great satisfaction to our team were the 69 to 60 win over Wollongong and the two point loss to Australian National University.

Other very satisfying performances in Intervarsity contests were from members of clubs which perhaps have a lower profile within the University.

Our Golf representatives finished third in their division, with Tony Southward maintaining his very high standard in all of his matches and with Ross Cockrell showing an outstanding performance in his first I.V.

Our competitors in the Intervarsity Cross-Country Championships finished ahead of Sydney and Tasmania in the cross-country competition and ahead of host Club, Macquarie, and Sydney and Tasmania in the Road Relay.

Our snow skiers did well to finish in the middle of the field of the participating universities. John Fahey was up among the leaders in all of the five events he entered.

Undoubtedly, the ski jump was a new, and rather scary, event for our participants. Nevertheless, Tony Wymon, Alexandra McDonald and Greg Robson entered the event.

Our Volleyball teams found themselves among very stiff competition. Nevertheless, they competed wholeheartedly and put their best efforts forward.

Professor B. Boettcher, President of the Sports Union, said that during 1983 the Sports Union Executive had given consideration to the performance of our teams at Intervarsity contests and greater financial assistance was proposed. "Our teams are representing the University with distinction in Intervarsity contests", he said.

University played Chalkies II in the Women's B Grade Grand Final.

Misfortune befell the University contestants when a team member was injured during the first game.

Nevertheless, our team gave a brilliant account of themselves though losing 3-1.

The final score, viz. 15-13, 13-15, 15-13, 15-14 evidences the cliff-hanging aspect of this contest.

Perhaps fortune will smile on the brave next year!
Two Further Senior Appointments

The Vice-Chancellor of the University of Newcastle, Professor D.W. George, has announced two further senior appointments to the academic staff of the University, following the meeting of the Council on October 21, 1983.

Dr. B.L. Karlhaloo has been appointed to the Chair of Civil Engineering which has been vacant since the retirement of Professor F. Henderson in January, 1982. Professor Karlhaloo obtained his first degree (B. Sc. Eng.) from Ranchi University in 1963 where he received the University Gold Medal for the best engineering graduate in all branches of engineering. He obtained his Master of Technology degree from the Indian Institute of Technology, Bombay in 1966 and his Doctorate of Philosophy from the Moscow Civil Engineering Institute in 1969. After six years as Assistant Professor and Senior Research Fellow at the Technical University of Denmark, he joined the University of Newcastle in 1976 as Lecturer in Civil Engineering and has since been promoted twice (to Senior Lecturer in 1978 and Assoc. Professor in 1980). Professor Karlhaloo is an international expert in the fields of structures and fracture mechanics, in which he has published over 80 papers.

Dr. A.L.A. Reid has been appointed to the newly-created position of Assoc. Professor in General Practice in the Medical School. Professor Reid graduated from London University (MB, BS) in 1954, winning the James Matthews Gold Medal in Obstetrics. After appointments as House Physician and Surgeon at St. Bartholomew's Hospital and a Short Service Commission in the Royal Navy (1955-59), he arrived in Australia in 1959 and engaged in general practice in Victoria and Belmont. At the invitation of Professor Maddison, he joined the staff of the new Medical School in 1977 in a part-time capacity to assist in the training and organisation of student attachments in general practice. The academic discipline of general practice is of relatively recent origin and Professor Reid has made distinguished contributions to its development. In 1974, Dr. Reid obtained his Fellowship of the Royal Australian College of General Practitioners (FRACGP).

Top-Class Coaching

A sponsorship scheme organised by the Newcastle Convocation Foundation meant that University Cricket Club was able to provide 49 schoolboys with top-class coaching.

The Greater Newcastle Permanent Building Society and the Greater Newcastle Credit Union agreed to provide $5,500 to the Foundation to finance the coaching scheme.

The Cricket Club held the coaching clinics at University Oval on Saturday mornings for four weeks, ending on September 24.

As a finale, the tuition was put to use in two matches held on September 25.

The coaching was directed by Peter Philpott, the ex-Australian player, who was replaced on one occasion by Mike Pawley.

Peter Philpott was assisted by Newcastle cricketers Max Fox, Michael Cooper, Roy Watson, Kerry Ross, David Willis, Charlie Trolli, Ernie Higgins, Ken Shine, Geoff Newton, Graham Faraday, Mark Curry and Tim Towers. A great deal of the administration was carried out by Ken Clifford.

The young cricketers, aged between 12 and 18, come from most parts of the Hunter Region, including Scone, Maitland, Dungog, Cessnock, Lake Macquarie and Newcastle.

University Cricket Club had organised pilot schoolboy coaching at the beginning of last season.

The good results prompted the Cricket Club's Executive to approach Newcastle Convocation Foundation with a request for help in finding a sponsor for an enlarged coaching scheme.

Cricket Club Secretary, Mr. Wilfred Schultz, said he expected the coaching to be continued by the club on an annual basis.

Gold Citation*

In the past few months the University's radio station has won several awards for programmes made by their producers.

Now one of the station's programmes has won a Gold Citation Award in the United Nations Association of Australia Media Peace Prize 1983.

The successful programme is Peace and Disarmament Dialogue, a regular magazine-style programme featuring news and interviews on issues concerning peace, disarmament and the anti-nuclear movement. Producers Colin Potts and Norma Taylor make the programme in conjunction with Sean Flood and the Association for International Co-operation and Disarmament.

Of the 15 prize-winners, 2NUR-FM was the only public radio station to receive an award. The radio station received one of 11 Gold Citations awarded throughout Australia.

Peace and Disarmament Dialogue can be heard on 2NUR on Fridays at Noon and Sundays at 3 pm.
Congratulations to Chris Conway and Wes Cormick on their success at the Sydney University Invitation Gymnastics Championships on October 15.

Despite a bad knee injury in his first event, forcing him to drop out of two events, Chris was placed third overall in the advanced group.

Wes was first overall in the novice group.

The standard of competition was very good, a new Australian record being set for a triple somersault dismount from the Horizontal bar.

Individual scores were:

**Chris Conway**
- Floor 8.6
- Pommel 8.2
- Rings 9.1
- Vault -
- Parallel Bars 8.9
- Horizontal Bar -

**Wes Cormick**
- Floor 8.0
- Pommel 9.0
- Rings 9.4
- Vault 8.1
- Parallel Bars 9.1
- Horizontal Bar 8.8

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**ABC Adviser**

Robyn Wallace, Senior Lecturer in English, has been appointed to the Australian Broadcasting Corporation's New South Wales Advisory Council.

Establishment of a National Advisory Council and State, ACT and Northern Territory Advisory Councils has been given a high priority by the ABC in line with the provisions of the ABC's Act.

When Mr. Ken Myer became Chairman of the ABC he said he would listen to as many people interested in radio and television as possible, including the listeners and viewers.

Members of the Councils were selected from more than 1,000 applications received by the ABC in response to announcements on national ABC Radio and Television and in the national daily press. Members have been chosen to reflect as broadly as possible the broadcasting needs, interests and aspirations of each community.

The Councils will be expected to be responsive to community opinion. They will also have the important task of recommending to the ABC's Managing Director the appointment of Community Affairs Officers who will be empowered under the new Act to investigate certain complaints against ABC programmes.

The New South Wales Advisory Council consists of 12 members who have been initially appointed for two years. The Council will meet at least twice a year beginning on December 8, to make suggestions on maintaining and improving ABC programme standards. Yvonne Preston, a Sydney journalist and activist for women's rights, is interim Convenor. There are seven women on the Council.

Robyn Wallace was recently elected a member of Maitland City Council.

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**SPORT**

The Grand Final of the Volleyball Competition was played at the Broadmeadow Basketball Stadium on October 11.

University played Gateshead in the Men's A Grade grand final.

The valour of our team was evident when they were confronted with opponents of the stature of Gateshead, who already held the laurels of minor premiers.

However, undaunted, University proved doughty fighters, losing 15-7, 15-4 and 15-10 in a match which lasted one-and-a-half hours.

University were outclassed but not disgraced — perhaps next year may tell a different tale. It is interesting to note that this University side is the first team since 1977 to contest a Men's A Grade grand final.

Ms Wallace
Visitors to the Campus

The influx of students from secondary schools continued strongly in the two weeks before University NEWS went to press.

The groups who came to the University included from Kandos High School, St. Mary's Catholic Girls' School, Maitland, Henry Kendall High School, Gosford, Maitland Marist Brothers Boys' School and Warialda High School.

With the co-operation of Heads of Departments, the schools that are attracted to the campus are taken into some buildings to see laboratories and equipment. Visits are usually made to the Great Hall, the Union, the Architecture Building, the Drama Theatre, the 2NUR-FM studio, the sporting fields and the computer installation in the Department of Mathematics, Statistics and Computer Science.

Our photo by John Purser shows Melissa Cott and Vanessa Quain, St. Mary's School being assisted by Mr. Albert Nymeyer, Computer Systems Manager in the Department of Mathematics, Statistics and Computer Science, to play games on a Perkin-Elmer 3320 Unix computer.

Normally used to give tuition in Pascal to Mathematics I students, the computer is a great hit with the visitors from schools because it offers an opportunity to play snake, chess, hangman, backgammon and other games.

Phillip Montgomery, a Mathematics I student, wrote the programme from which all the games are run. He is one of a group of students in the Department jocularly called "the hackers." "Hacker" has caught on and is a name for people who are compulsive programmers who are hooked on computers.

Miss Merilyn

INVITES ALL GOOD BOYS AND GIRLS TO...

Romper Room Recovery Rage

MON, 28th NOV, 7pm.

Ready please Mr. Music...

SLEASY SU AND THE HAMFATS.
THE NON-STOP DANCERS.
THE SWING AGGREGATION.

$6.00 $8.00

STUDENTS, GUESTS.

TICKETS ON SALE AT WESTPAC....

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Advertisements

For Rent

Well established home with every convenience on the Dorset Coast, England. This home overlooks the sea and is available from the end of November until April, 1984. Rental at a very reasonable price to the right tenant. All interested persons should telephone 59 3048.

Elevated split-level, largely brick home in New Lambton Heights (just). Features include: three bedrooms, study, sunroom, large lounge, dining room, wood-panelled kitchen, two bathrooms, double carport. This home is also fully-furnished has pot belly and open fires and is situated in interesting grounds with lots of trees plus it has city and ocean views. This home is available for 12 months commencing February 1, 1983. For further information please telephone Extension 316 or 52 6841.

Holiday Rental

St. George’s College, University of Western Australia, is offering Twin and Single accommodation at budget prices $10.50 per head bed and breakfast from November 25 to February 14 in beautiful Tudor style college minutes from the City.

Enquiries to House Manager, St. George’s College, Mounts Bay Road, Crawley, 6009. Telephone: (09) 386 1425.

For Sale

1976 AUTOMATIC VALIANT RANGER (white) in good condition. This car is registered until December and going for the very reasonable price of $950 or near offer. All interested persons are requested to telephone Extension 532 or 57 1417 after hours.

Charming red table and two red chairs in solid timber, ideal for small kitchen, flat dweller, sunroom etc. $70 or near offer. Interested persons are requested to telephone Extension 361 or 63 2711.

A set of large, colourful Cuban political posters — either singly ($2 to $5 each) or as a set. These sell (when available) at $8 to $11 each in Sydney but are going cheaply to raise money for Australia Cuba Friendship Society. Interested persons are requested to telephone 43 5306 or Extension 752 or 49 8541.

ZODIAC INFLATED SPORTS BOAT 1216” with Johnson outboard. This boat has a custombuilt trailer and accessories. Replacement cost is over $5,000. Owner will sacrifice this boat for $1,850 or near offer. All interested persons are requested to telephone Extension 752 or 49 8541.

Union Cup Party

Commencing at Noon there will be a smorgasbord luncheon served in the Bar together with a free glass of champagne plus the viewing of the race. Party tickets cost $5 each and may be purchased from Westpac.

In conjunction there will be prizes awarded for the best dressed (two tickets to the Recovery Bell).

Raffle Results

Pottery Tea pot, donated by Sue Jones (prize winner in Pottery Exhibition) raffle by Friends of The University was won by Christal Hacome of the staff of the Royal Newcastle Hospital.

Messiah Tickets

On Saturday evening, December 3, 1983, the Newcastle University Choir will be presenting Handel’s Messiah, in virtually uncut condition (except for one chorus and solo) with orchestra, and four top class professional soloists. Early tickets are available now until November 15. The cost will be $7.50 for adults and $5 for concession. If you want tickets early, and we expect to fill the hall, please contact Howard Bridgman, Extension 774 as soon as possible.

Household Goods Pool

Newly arrived members of staff and academic visitors to the University are reminded that the Women’s Group runs a household goods pool, from which items may be hired for a small fee. Interested persons should contact Gail Johnston, 65 1760; Elvie Short, 52 1268; Margo Ferris, 55 9123 or Pamela Burrows at 52 7659.