



University Year 1975

# The University of Wollongong CAMPUS NEWS

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## TONY NUTT SRC PRESIDENT

Tony Nutt, a Science III student, is the University of Wollongong's first elected Students' Representative Council president.

At the S.R.C. elections on April 21 and 22, he defeated the only other presidential candidate, Greg Butler.

Tony took over the Wollongong University College presidency in September last year when the then president, Wylie Sims, resigned.

As the sole student representative on the present University Council, which before January 1 this year was the College Council, he has played a major role in presenting student views to University administrative and academic policy-making committees.

He carried out this role at a crucial time in the University's history---when it was passing from its status as a College of the University of New South Wales to its status as a fully independent university, Australia's eighteenth.

The elections for the University of Wollongong's first S.R.C. on April 21 and 22 were for the positions of president, vice-president, honorary secretary, honorary treasurer, A.U.S. secretary, faculty representatives, four general representatives, and one postgraduate representative.

The results were announced during the annual general meeting of the fifth S.R.C. of Wollongong University College in the Union Common Room on April 24.

Those elected are:

President: Tony Nutt  
Vice-President: Kerrie O'Hanlon  
Honorary Secretary: Cheryl Brown  
Honorary Treasurer: Debbie Leonard  
A.U.S. Secretary: Edmund Esterbauer  
Engineering Representative: Rodney Reilly  
Humanities Representative: Kerry Pedersen  
Social Science Representative: Sue Wilcox

General Representatives: Elizabeth Keenan, David Llewellyn,  
Philip McInerney, Kerrie Oldfield,  
Wylie Sims, Cathie Strong.  
Postgraduate Representative: Glen Mitchell.

*Tony Nutt's presidential report is set out below.*

The Fifth S.R.C. of the Wollongong University College has had a most eventful and quite successful twelve months in office. There were several people who continued the tradition of resignations, one regrettably being that of the elected President, Wylie Sims, due to unforeseen circumstances. It was in September that I took over as President, being the elected Vice-President.

From an external politics aspect this S.R.C. became involved in several issues. In May of last year the S.R.C. made a stand on the decriminalisation of marijuana laws and received publicity in the local and Sydney media (radio, T.V. and newspapers). Two student candidates, Jack Doyle and Nigel Smith, were sponsored by the S.R.C. and A.U.S. in the local Council elections (both were unsuccessful). Protest moves were carried out against Coal Cliff Collieries proposed coal dump on Maddens Plains, with considerable success. The S.R.C. started moves and established a Rail Fund for the use of students. Several approaches were made to local bus owners investigating student bus passes, without any success. The S.R.C. gave full support to the local Vietnamese Students' Association in their food night and drive for funds. Environmental issues were fairly frequent as with Coal Cliff, the proposed Casino on Lake Illawarra and A.I.S. Port Kembla pollution in general. The S.R.C.'s actions against these bodies was significantly due to the work of appointed environmental advisory officer, Bernie Ashcroft. The S.R.C. affiliated itself with the South Coast Pollution and Environmental Committee and the Australian Conservation Foundation.

Significant representations, letters and papers were submitted on the Tertiary Allowance issue. The S.R.C. worked in close co-operation with A.U.S. on this issue for no means testing, reduction of independence times and increasing of allowances.

Within the University significant progress was made. A role of the S.R.C. is to get the student viewpoint heard and this was done quite adequately. Submissions were made to the Council or the Senate on various issues, including proposed degree regulations and academic structure; parking fees and fines (endorsing fines but not fees); opposing the proposed drop from 28 to 26 academic weeks in 1976; applying for a \$7000 supplementation of the Student Assistance Scheme which saw \$4000 granted for the 6 months till June 1975; successfully applying for help in the purchasing of a new piano in the Union, well over \$200 was received.

There has been considerable representation on various committees within the University, including: University Council - Tony; Safety Committee - Greg; Buildings & Site Committee - Jeff; University Year Committee - Tony; Publications Committee - Rob; Student Assistance Committee - Nigel & Tony; Sports Association - Ian Olney; Building & Grounds Committee & Legislation Committee - Tony; Schools Liaison - Jack Doyle; Ad Hoc Information Committee - Tony; Information officer selection Committee - Tony, plus some others probably. The S.R.C. also had close contact with some students on departmental, faculty and library committees. It organised and was a dominant factor in the record vote for student representatives on Senate, Assembly and faculties of 1975.

Socially, the second half of its term has been quite good with Commem Week of 1974, Orientation Week of 1975. Concerts featuring Julie Felix, Bob Hudson, Mike McLellan, The Executives, Band of Light and many others. Folk Concerts were also backed with Ross Garett running them.

The 5th S.R.C. of W.U.C. had "the pleasure" of reporting to the Australian Universities Commission on Wollongong's submission for funds for 1976-78. The encounter was favourable for us and received some praise from the Commission.

Two new societies started up under the S.R.C.'s wind, the Communist Society and ENVAC (Environmental Action Group).

The other societies affiliated with the S.R.C. continued on, with their reduced grants slowing them down. They were Overseas Students' Association, Bike Club, Metallurgy Society, Engineering Society, Trainee Teachers Association and the Christian Union.

Perhaps the greatest achievement of the 5th S.R.C. of the Wollongong University College was the fact that they operated with \$2000 less than entitled, due to the 4th S.R.C.'s borrowing on their fees and still ended up with money in the Bank. This was due to reduction in expenditure, tight budgeting and employing, after money hassles, only a part-time Girl Friday in the office. Well done to those responsible.

"Tertangala" experienced its troubles with lack of workers, money and ability. Several issues were published by non-Tert people accounting for some of the roughness. A big thank-you to Martin Sormus. I feel congratulations are also in order for any member who remained in office while I was at the "bridge". The future, I feel, looks bright for the 1st S.R.C. of the University of Wollongong.

### REPORT FROM THE UNIVERSITY COUNCIL

A report of the University Council's April meeting is set out below.

- \* The Estate Manager's April 11 report on finance for the Lecture Theatre project was received. The Vice-Chancellor was authorised to negotiate a bridging loan, for up to \$1 million, to be used, as necessary, for progress payments for the Lecture Theatre project. Approval was given for any necessary approval to be sought, through the Universities Board, from the Governor in Council to the granting of the loan. The Finance Committee was asked to inform Council of its proposals for meeting interest payments on this loan.
- \* The Estate Manager's April 14 memorandum on the Draft Development Plan was received. The University Planning Team was directed to revise the proposals for site works and buildings for 1976-78. These will assume that any building to commence in 1976 or 1977 must be within the limits of the present site boundary and that existing services will be extended to these buildings. The revisions will identify desirable projects, such as sporting facilities, which will require joint action with the Institute of Education in 1976-78.

Information will be sought from the Universities Commission and the Universities Board about the possibility of obtaining approval, from the Commission and the Australian Commission on Advanced Education, for projects which will require joint funding and joint use of buildings and site works during the period in which the University and the Institute occupy adjoining sites. Information will also be sought about the way in which such proposals might be submitted for consideration.

The allocation of additional land will be sought from the N.S.W. Minister for Education. It will be suggested that the delineation of a new boundary between the University and the Institute be considered by a working party comprising University and Institute representatives under the chairmanship of the Minister's nominee.

- \* The Estate Manager's April 11 memorandum on the application for a licence, to sell and supply liquor in the premises of the University, was received. The Vice-Chancellor was authorised to carry out the administrative processes and to arrange any building or alterations to buildings necessary to secure a liquor licence for the University Union and the Sports' Pavilion.
- \* A Ceremonials Committee was established to advise the University Council on all matters relating to ceremonials, colours, heraldic coat of arms, motto, and the design of ceremonial gowns and degree habits. The committee comprises Mr. E. Beale (chairman), Mr. A.J. Nutt, Professor B.H. Smith, and the Vice-Chancellor.
- \* The Vice-Chancellor advised Council that the N.S.W. Legislative Council had elected Lieutenant Colonel M.F. Willis, Ed., LLB, to the Chancellor's Council.
- \* Council resolved that a Diploma in Accountancy be established and offered with the requirements as recommended, and that the subjects Geology 101, Geology 102, Chemistry 1A, Chemistry 1B, General and Human Biology, and Physics 140, be included in Schedule E1 of the Bachelor Degree Requirements. Council received reports on the Migrant Studies Centre, the Performing Arts Centre, and the proposed timetable for the compilation of the submission to the Universities Commission for the 1979-81 Triennium.
- \* Council approved the appointment of Professor A. Keane as Deputy Vice-Chancellor on the terms and conditions recommended by the Vice-Chancellor.

### NEWS FROM THE ACADEMIC SENATE

- \* At its last meeting, the Academic Senate considered the Report of the Ad Hoc Committee on Grade Point Average System. After lengthy debate, it was resolved that: the University should have a uniform system; the system should be based on grades rather than on percentile marks; and the number of pass grades should be greater than the four (HD-90, D-80, CR-70, P-60) as recommended in the report.
- \* At its March meeting, the Academic Senate was asked by the Vice-Chancellor to report on a number of questions, concerning the Diploma in Education, which the University Council had raised at one of its meetings. Senate reported: that the Diploma in Education should continue to be offered subject to any changes that are usually made by academic departments in their course offerings; that it is proper for the University to offer a course in teacher education; that the Diploma in Education is viable in 1975 and by implication for subsequent years.
- \* In relation to the Draft Development Plan, the Academic Senate has endorsed the principle of grouping together related disciplines.



## NOMINATIONS CALLED FOR CHANCELLOR'S COUNCIL

The Returning Officer for University Council elections, Mr. R.F. Stewart, this week called for nominations from qualified persons for election to the Chancellor's Council in the following categories:

- (i) three Convocation members;
- (ii) two student members;
- (iii) four academic staff members; and
- (iv) general staff member.

Nominations for election as Convocation members must be lodged with the Returning Officer no later than 5 p.m., Tuesday, May 27, 1975, and nominations for academic staff members, student members and general staff member, no later than 5 p.m., Tuesday, May 20.

All nominations must be made on the appropriate forms which are available from the Student Enquiries Section (Extension 387) or from the Returning Officer.

Detailed information as to those eligible to nominate and vote in the elections can be obtained from the Assistant Registrar (Central Services).

In discussing the eligibility of candidates, Mr. Stewart emphasised that the members to be elected by Convocation need not be members of that group. The only persons not eligible to be nominated in this category are full-time members of the University staff and students proceeding to a degree or diploma at the University.

Those persons elected will form part of the University's first elected Council, often referred to as the Chancellor's Council, i.e. "the Council other than the first Council".

In addition, Council will elect a further three members; and four members will be appointed by the Minister for Education. The parliamentary members already elected are Mr. P. Coleman, MLA, and Lt. Col. M.F. Willis, MLC. The Council, at its first meeting, will elect a Chancellor and Deputy Chancellor. The Chancellor need not already be a member of Council, but the Deputy Chancellor must be elected from amongst its members. The Chancellor, if elected from outside the Council, and the Vice-Chancellor will be the only official members of Council.

## 1ST MEETING OF NEWLY-CONSTITUTED UNI. SENATE

The first meeting of the newly-constituted University of Wollongong Academic Senate will be held on May 21.

Elections held this year filled the eighteen positions as set out under the new structure requirements for the Academic Senate.

These positions were for: seven professors elected by and from professors; eight members elected by the Academic Assembly; and three students elected by and from students.

Membership is as follows: Prof. G. Brinson (1-year term), Chairman, Department of Metallurgy; Prof. A.D. Brown (2-year term), Chairman, Dept. of Biology; Prof. A.C. Cook (2-year term), Chairman, Dept. of Geology; Prof. P. Fisher (2-year term), Chairman, Dept. of Physics; Prof. A. Keane (2-year term), Chairman, Dept. of Mathematics; Prof. R.B. Leal (1-year term), Chairman, Dept. of French; Prof. M.G.A. Wilson (1-year term), Chairman, Dept. of Geography; Assoc. Prof. W.H. Charlton (1-year term), Dept. of Electrical Engineering; Dr. G. Doherty (2-year term), Dept. of Mathematics;

Dr. F.M. Hall (2-year term), Dept. of Chemistry; Dr. B.J. Opie (2-year term), Dept. of English; Mr. J.R. Panter (1-year term), Dept. of History & Philosophy of Science; Assoc. Prof. E.R. Phillips (2-year term), Dept. of Geology; Mr. J.C. Steinke (1-year term), Dept. of Economics; Assoc. Prof. R.W. Upfold (1-year term), Dept. of Civil Engineering; Ms. J.A.E. Symes (2-year term), Dip. Ed. student; Mr. G. Mitchell (2-year term), M.A. (Hons.) student; and Mr. R.J. Pedersen (1-year term), Arts I student.

The Vice-Chancellor, Professor L.M. Birt, is a member ex-officio and is also president.

A number of Senators were members of the Interim Academic Senate and then automatically of the Academic Senate from January 1 this year.

They are: Prof. Brinson, Prof. Cook, Prof. Keane, Prof. Wilson, Assoc. Prof. Charlton, Dr. B.J. Opie, Mr. J.R. Panter, and Mr. J.C. Steinke.

The Academic Senate is the University's supreme academic advisory body and advises the University Council on academic policies and on academic aspects and implications of any other matter within or of relevance to the University.

It is one of the few almost entirely elected bodies of its type in Australian universities. It is also small in size: most other Australian universities have large professorial bodies whose members are mostly professors.

The first item of business of the Academic Senate on May 21 will be to elect from among its professorial members a chairman and a deputy-chairman.

The agenda for the meeting is:

**PART I - PRELIMINARY BUSINESS:** Election of Chairman and Deputy Chairman; Confirmation of Minutes; Business arising from Minutes; Leave of Absence; Vice-Chancellor's Business.

**PART II - BUSINESS CARRIED OVER FROM PREVIOUS MEETING:** Working Party on Medical Education; Australian-Asian Universities Co-operative Scheme; Academic Calendar, 1976.

**PART III - NEW BUSINESS:** Ceremonials; Student and Staff Estimates 1976-1984; Election of Chairmen of Committees; New Developments - 1976; Report of Promotions Committee; Report of Ad Hoc Committee on Academic Appointments; Publications Committee; General Studies Committee; Use of Electronic Calculators in Examinations; Report of Departmental Chairmen; Membership of AINSE; Environmental Committee - City of Wollongong; Next Meeting; Other Business.

## JUDITH WRIGHT TO LECTURE AT UNI.

The second lecture in The University Year Lecture Series will be delivered by well-known Australian writer and conservationist, Judith Wright-McKinney at 8.15 p.m. on Wednesday, May 21, in the main Lecture Theatre. Her lecture will be entitled "Charles Harpur: A radical writer in a time of change".

Mrs. Wright-McKinney is one of Australia's leading literary figures. She was a Commonwealth Literary Fund scholar in 1949 and in 1964 she received the Britannica Award for Literature. She has been awarded the honorary degree of Doctor of Letters by both the University of New England and the University of Queensland, and she is a Fellow of the Australian Academy of the Humanities.

Admission to the lecture will be by ticket only. Members of staff and students wishing to attend can obtain tickets from the Information Office, extensions 375 and 388.

## CEREMONIALS COMMITTEE

The Ceremonials Committee, which is charged with the responsibility of advising Council on all matters relating to ceremonials, colours, heraldic coat of arms, motto, and the design of ceremonial gowns and degree habits, has arranged for two experts in these matters to visit the University from 19th to 21st May. They are

Mr. A. Ian Ferrier, Architect, of Brisbane, who has acted as heraldic consultant to Griffith and James Cook Universities, and

Mrs. Cooper, gown manufacturer, of South Australia, who has manufactured and helped design gowns for many Australian universities.

Mr. Ferrier and Mrs. Cooper will be meeting with the Ceremonials Committee on two occasions and will also be speaking to the first meeting of the newly-constituted Senate. They are anxious to meet and discuss points of view with any interested persons. The following programme has been arranged for the visitors:

Monday, May 19:	A.M.	Arrival
	2.00pm	Inspect Site
	4.00pm	Ceremonials Committee
Tuesday, May 20:	10.00am	Morning tea in Council Room with Academic Staff.
	11.30am	Lunch in Union with S.R.C., Sports Association.
	12.30pm	General discussion with students and staff in Common Room.
	3.00pm	Ceremonials Committee.
Wednesday, May 21:	9.30am	Academic Senate
	P.M.	Depart

Any members of staff with a particular interest in the general matter of ceremonials, who are not catered for by this programme, are asked to contact T. Moore, ext. 387. If possible, an additional meeting will then be arranged for any interested person or group.

## LETTER TO THE EDITOR

### ECOLOGY AND POLLUTION: FACT OR FICTION.

There has been much publicity given to ecology and pollution through all media within the Illawarra Region. "Grow more trees and save the existing forest on the escarpment," say the ecologists; "Keep the air, city and wharves clean," say the anti-pollutionists. The leaders in these matters have been academics, students and unionists alike.

However, their values and motives become suspect when one walks within the University grounds. Motor cycles, all the time, and cars, when they can, are parked under trees or on any other convenient spot within the grounds.

No thought is given to the Gardening Staff who, under extreme difficulties, are trying to maintain pleasant lawns and gardens. It would seem ecology and pollution are foreign words for staff and students alike when it comes to parking within the University.

E. Foster,  
Estate Division.

## PROFESSOR OF COMPUTING SCIENCE TAKES UP APPOINTMENT

Professor Juris Reinfelds took up his appointment on May 1 as Professor of Computing Science within the Department of Mathematics.

His appointment gives the department two chairs. The other is held by the Professor of Mathematics and Departmental Chairman, Professor A. Keane.

With his wife, Lauma, and his three children, Peteris, 10, Ivars, 7, and Martins, 4, Professor Reinfelds arrived recently from Geneva where for the last two years he had been a Visiting Scientist, on leave from the University of Georgia, U.S.A., with the European Organization for Nuclear Research (CERN).

There, in collaboration with the Data and Theoretical Physics Divisions, he developed an interactive computer language called SIGMA (System for Interactive Graphical Mathematical Applications).

SIGMA is intended for scientists who are not computer programmers. It gives them direct access to computers so that they can communicate their problems to the computers in their own terms.

its major characteristics are: automatic handling of multidimensional rectangular arrays as basic data units, interactive operation of the system, and extensive graphical display facilities.

Professor Reinfelds, who is 39, was born in Riga, Latvia, and came to Australia in 1951 with his parents and his younger sister.

He completed his leaving honours at Adelaide Boys' High School (1953), his B.Sc. at the University of Adelaide (1958), and his Ph.D. in mathematical physics also at Adelaide in 1963.

Between 1961 and 1964, he was an I.C.I. Postdoctoral Fellow at the Taite Institute of Mathematical Physics, Edinburgh, Scotland; between 1964 and 1965, he was a Postdoctoral Fellow, Mathematical Physics Department, University of Adelaide; between 1965 and 1966, he was a National Science Foundation Postdoctoral Research Associate, Marshall Space Flight Center, Huntsville, Alabama, U.S.A.; and between 1966 and 1973, he was Director of AMTRAN Division and Visiting Professor, Statistics and Computer Science, University of Georgia, U.S.A.

Professor Reinfelds' special research field is interactive computing on small and large computers with special emphasis on numerical mathematical applications.

In 1968 his work on the development of interactive languages for experimental numerical mathematics was recognised and supported by a personal research grant of \$U.S.120,000 from the National Science Foundation.

Professor Reinfelds has published widely on his research. He is also co-editor of a book entitled, Interactive Systems for Experimental Applied Mathematics, which contains an article by him, and guest editor of the November 1971 issue of SIGPAN NOTICES containing two articles by him.

## VISITING PROFESSOR AT WOLLONGONG

Professor Philip Cooperman, Professor of Mathematics at Fairleigh Dickinson University, Teaneck, New Jersey, is presently visiting the University's Department of Electrical Engineering.

Although his teaching field is "anything mathematical", Professor Cooperman is an expert in electrostatic precipitation. During an extensive industrial career,



Professor Cooperman has been research physicist, research director, and consultant for Research-Cottrell, Inc., consultant to the U.S. Steel Corporation laboratories, to Precipitair, Inc., and others.

It was electrostatic precipitation which brought Professor Cooperman to Australia earlier this year. An invitation to give a paper at the symposium in electrostatic precipitation at the annual meeting of the Institute of Fuel in Adelaide, led to further invitations to visit the CSIRO in North Ryde and the Department of Electrical Engineering, Wollongong. The unique facilities of the laboratory at North Ryde has enabled him to test a new idea in the field with encouraging results. He is currently engaged in "mainly theoretical research" at the University.

Professor Cooperman has spent most of his working life in the study of electrostatic fields and on methods of using them to improve the performance of precipitators. These studies have been both experimental and theoretical. His favourite experiment is one in which an air-gun is used to fire small ball-bearings through a precipitator and catching them in a device which measures the electric charge which they pick up. On the theoretical side, he has done extensive work on the motion of fine particles in precipitators. This is a complex subject because the motion is influenced not only by the electrostatic fields but also by the turbulence of the gas stream and even by the force of gravity.

### ECONOMIST TO VISIT ON JUNE 11

Professor D.L. McLachlan, of Calgary University, Canada, at present Visiting Professor at the University of New England, will visit the University on June 11 as the guest of the Department of Economics.

He will give a lecture on "International Experience in Resale Price Maintenance" to students, and will present a paper to the graduate/staff seminar on "Economic Issues Connected with Public Procurement".

Professor McLachlan is British by birth and migrated to Canada to take up his present chair in 1970. Last year he was a visiting professor at the University of California in Santa Barbara. His work in the field of Industrial Economics has produced important publications on transport problems, the Common Market, and the study of monopoly, including his book on "Competition Policy and the European Community" (Oxford University Press), and his article in the Scottish Journal of Political Economy "Next Steps in Monopoly Policy".

### REPORT ON BEAZLEY CONFRONTATION

David Llewellyn, an S.R.C. General Representative, organised and led the student protest over the Tertiary Allowance Assistance Scheme (T.E.A.S.) when the Federal Minister for Education, Kim Beazley, visited the University recently.

Mr. Beazley addressed principals, counsellors and careers advisors from South Coast Area schools plus staff and students at the symposium entitled, "The School and the University of Wollongong between Now and 1990".

The venue was the Physics Lecture Theatre. Shortly before the end of his address, about 60 students, carrying placards, gathered outside the theatre.

After the symposium participants had left the theatre, the students were admitted. David Llewellyn's report on the confrontation with Mr. Beazley is set out below.