

CAMPUS NEWS

A MAGAZINE FOR THE UNIVERSITY

VOL. 3, NO. 10

WEDNESDAY, NOVEMBER 2, 1977

NEW ACADEMIC POSTS CREATED

The University has created new academic positions to be filled next year if the Commonwealth Government approves the recommendations of the Tertiary Education Commission.

The positions are in the Departments of Accountancy (lecturer), Biology (lecturer/senior lecturer), Civil Engineering (tutor), English (lecturer), European Languages (Italian, lecturer), Mathematics (Computing Science, lecturer), Psychology (lecturer), and Sociology (lecturer/senior lecturer).

Advertisements calling for applications have been placed for most of these positions.

This year twenty-two new academic staff assumed appointment in the University and two more will arrive in January next year, at which time the academic staff will total 163.

These appointments were made in the Departments of Accountancy, Biology, Electrical Engineering, English, European Languages, Geography, History, Mathematics, Mechanical Engineering, Philosophy, Physics, Psychology, and Sociology.

The new staff came from Australia, Canada, France, Germany, and the United States of America.

UNI WAITS FOR GOVT APPROVAL

Echidna part of Biology studies

The echidna (pictured right) will be part of a study, currently being conducted by Department of Biology lecturer, Dr. Tony Hulbert, on the biology of some of Australia's unique mammals.

"The study will become immensely easier next year when the University's animal house is built," Dr. Hulbert said.

He said that the echidna, along with its closest relative, the platypus, was a monotreme.

"These are the only mammals in the world which lay eggs. The young monotremes hatch from these eggs and are kept in the female's pouch where they suckle on their mother's milk," he said.

"The echidna's ancestors separated from the ancestors of other modern mammals about 200 million years ago. This is not long after the first mammals evolved and for this reason the study of their biology can give us insights into the early evolution of mammals."

Dr. Hulbert said that the echidna was not in any danger of extinction and was widespread throughout Australia.

"Most often they are found on the roadside and, because of their slow, clumsy walk, are often run over. Although they are hard to find and difficult to handle, I must admit I find them cute," Dr. Hulbert said.



Year 12 students visit

High schools inspect campus



UNIVERSITY counsellor Mr. Michael Breen discusses the Special Admissions Programme with (left to right) Mrs Marie Lyall of Kiama, Mrs Ruth Crofts of Campbelltown, and Miss Jill Williamson of Wollongong during the S.A.P.S. Information Day held recently.

A large number of Year 12 high school students visited the University on Friday, 23rd September, to view the campus at first hand and attend introductory lectures and demonstrations provided by many of the academic departments.

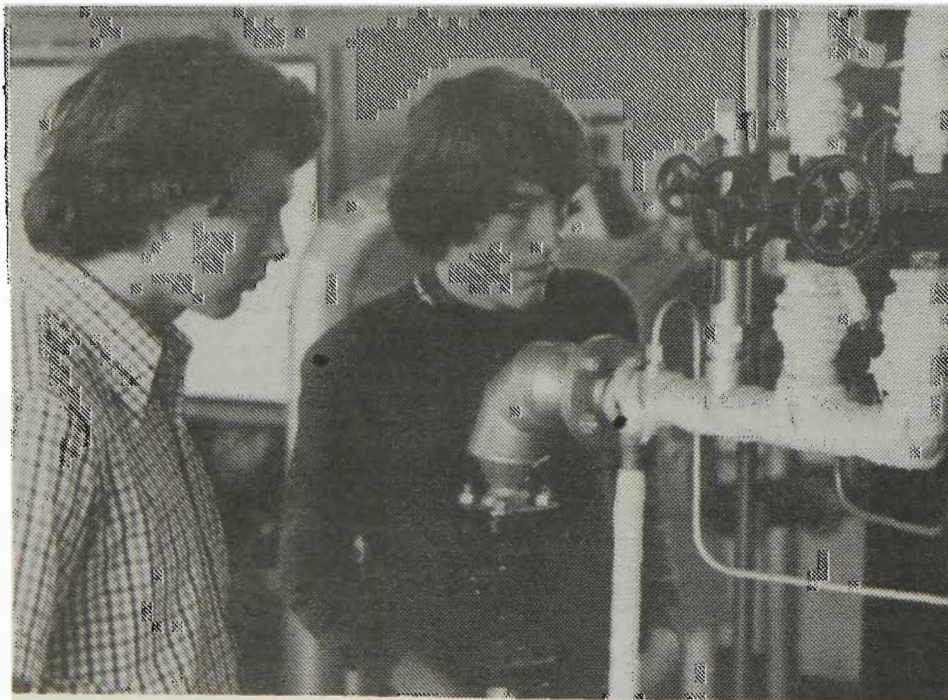
Mr. Tom Moore, Schools Liaison Officer, said that more than 500 students from about twenty high schools attended. They came from many Wollongong schools as well as more distant areas such as Ulladulla, Picton and Wiley Park.

In addition to the presentations given by the academic departments, University Counsellor, Mr. Michael Breen, gave a successful talk on career planning.

Members of the Registrar's staff were present in the foyer of the Pentagon during the morning to answer questions concerning entrance requirements and the like. The S.R.C. also distributed literature and explained their activities. Mr. Moore said that the Year 12 students displayed keen interest in the academic presentations and took the opportunity to inspect the university's facilities. Large numbers visited the library to acquaint themselves with its holdings.

On the same afternoon two information sessions were held in the northern lounge of the Union for persons interested in applying for entry under the University's Special Admissions Programme. These sessions, which were held as an experiment, proved a great success, Mr. Moore stated. Advertisements had been placed in a large number of Wollongong and South Coast newspapers as well as in several publications in the St. George and Cronulla-Sutherland areas giving notice of the information sessions.

Continued next Page.



BULLI High School Year-12 students, Peter Marshall (left) and Greg Burnett, look at the heat transfer apparatus during Schools' Day.

University



SENIOR Lecturer in the Department of Mechanical Engineering, Dr. Peter Van Der Werf, explains the workings of a steam turbine to Stephen Rennex, from T.I.G.S., and Lucia Gemo, from St. Mary's College, during Schools' Day.

POTENTIAL S.A.P.S. COME TO SESSIONS

Continued from Page 2

The first of the sessions was held at 3.30p.m. and attracted 40 potential applicants while the second session at 5.30p.m. attracted 25 persons. The sessions were chaired by Acting Registrar, Mr. Challice Moldrich and consisted of a welcome to the University, a report on the performance of existing S.A.P. students, a brief outline of the workings of the system and a talk from Mr. Michael Breen on possible difficulties that S.A.P. students might encounter.

At the conclusion of the formal part of the meeting members of the University staff and several S.A.P. students mixed with the potential students and answered their questions.

Mr. Moore said that almost all who attended took application forms and expressed interest in attending university next year. He said that the experiment had proved highly successful and that the sessions are likely to be repeated next year.

TEC WILL VISIT WOLLONGONG ON

APRIL 5

The Tertiary Education Commission Universities Council is expected to visit the University in April next year.

In a letter to the Vice-Chancellor, Professor Michael Birt, the council secretary, Mr. R.M. Gillett, said that the council had prepared a draft programme of visits to Universities in the first half of 1978.

He said that it was proposed the party would arrive in Wollongong on Wednesday, April 5, and would be available for discussions for a couple of hours and on the following day, until mid-afternoon.

Mr. Gillett said although the time available was less than on previous visits, the council was constrained by the need to have all visits completed by the end of the year. He said it was unable to start them until it had an opportunity to study the submissions which universities have been asked to provide by the end of January, 1978.

The Universities Council includes Chairman, Emeritus Professor David Dunbar, and members, Ronald Chambers, management consultant and consultant psychologist; Professor Lloyd Cox, Professor of Obstetrics and Gynaecology, University of Adelaide; Professor Peter Fensham, Professor of Education, Monash University; Professor Harry Gelber, Professor of Political Science, University of Tasmania; Dr. Walter Hughes, Managing Director, Walkers Ltd; Professor Leonie Kramer, Professor of Australian Literature, University of Sydney; Dr. Patrick Lang, grazier; and Barry Rowland, barrister.



PROFESSOR L. M. Birt.

Vice - Chancellor has established working party

The Vice-Chancellor, Professor L.M. Birt, has established a Working Party to recommend on proceedings for next year's University Day.

It comprises the faculty chairmen of Engineering, Mathematics, and Science (or their nominees), the chairman of the Department of Sociology (or his nominee), and the deputy chairman of the Academic Senate.

The staff on the committee are: Dr. J. Kontoleon, Dr. A.G. Morris, Dr. J. Ellis, Professor S.C. Hill, and Professor J.L.C. Chipman.

The Information Officer, Mr. A.J. Barker, is secretary to the Working Party.

When the recommendations are available, they will be referred to the Academic Senate for comment before a final decision is taken.

The Vice-Chancellor has suggested that the theme for the proceedings might be "Science and Engineering in the Community" or "The Training of Scientists and Engineers in the University".

FOOTNOTE. University Day is the second Friday in August and marks the day that the Council other than the First Council met for the first time (August 8, 1975) and elected the Chancellor, the Deputy Chancellor, and three members of Council elected by Council members.

PROF. KING CHAIRS I.R.A.C. COMMITTEE

During the year the Illawarra Regional Advisory Council formed an Education Committee, under the chairmanship of Professor Ron King, chairman of the University's Department of Education.



PROFESSOR Ron King.

Professor Ken Blakey, chairman of the Department of Economics, is also a member of the eleven-man committee.

The committee is widely representative of those persons having a role in numerous agencies in the region concerned with post-school education.

It has been concerned with:

- . identifying the scope of post-education services
- . the extent of possible overlap and duplication of resources
- . an evaluation of future demand and available supply of such services.

The committee was fortunate in that the Minister for Education, through the New South Wales Board of Adult Education, was granted \$2,200 to fund a survey of needs in the region.

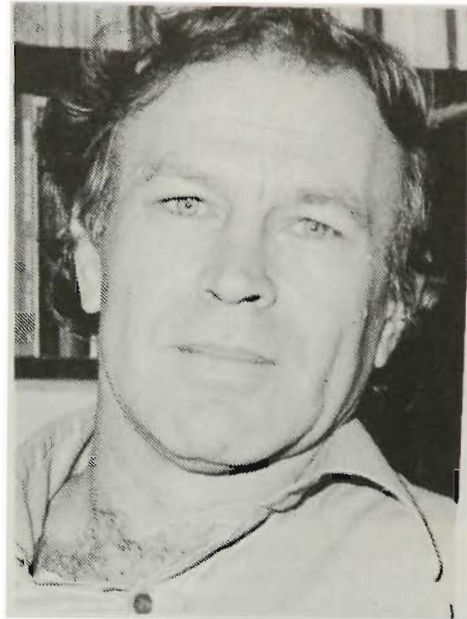
The University of Sydney has a working association with the Workers' Educational Association in post-school education.

The committee also endorsed and forwarded a submission to the Williams Committee into Education and Training, prepared by Professor Blakey.

Professor Blakey is also chairman of the I.R.A.C. Lake Illawarra Management Advisory Committee and a member of its Health and Welfare Committee.

Other University staff members on council committees are senior economics lecturer, Mr. John Steinke, who is chairman of the Transport and Communications Committee, and economics tutor, Mr. Michael Ross, who has been co-opted onto the Research Committee.

PROFESSORS ON INSTITUTE COUNCIL



ASSOC. Prof. Jim Hagan

Two members of the University's academic staff have been appointed as members of the Institute of Education's First Council.

They are Associate Professor J.S. Hagan, of the Department of History, and Professor B.H. Smith, of the Department of Electrical Engineering.

The Institute will be constituted as a corporate college of education, under the provisions of the Education Act 1975, on November 16 this year.

The First Council's inaugural meeting will be held that day.

Altogether, the First Council has twenty-five members appointed for a period of two years.

UNION APPOINTS OREGAN GRADUATE

A woman who graduated last year from the University of Oregon with a B.Sc. in Recreation and Park Management, has been appointed recreation assistant with the University's Union and Sports Association.

She is Ms. Robyn Foy, who will take up her appointment on January 23, 1978.

Robyn, 24, was educated at the Sydney Conservatorium of Music High and Dover Heights High Schools.

She then attended the Australian College of Physical Education and graduated with a Diploma of Physical Education in 1973. Robyn is a qualified swimming instructor and holds awards in dancing, gymnastics, judo and life saving.

Robyn has had teaching experience at Ascham School, Sydney, and has been an assistant director at vacation camps run by the Sports and Recreation Service in N.S.W.

She feels that in the future people will have more leisure and she wishes to gain experience in organising recreation and educating people to use their leisure time effectively.

This was her reason for deciding to take the two-year appointment with the Union instead of remaining in physical education teaching.



LAST CAMPUS NEWS FOR 1977

This is the last issue of Campus News for 1977.

I would like to thank all those who have contributed to the publication during the year.

Next year, I look forward to the continuing support of contributors and readers alike.

I would also like to thank all those who have participated in the production of Campus News during the year.

The first edition of Volume Four next year will be published to coincide with Orientation Week.

Contributions for this edition should reach the Information Office, Administration Building, no later than January 11.

Tony Barker,
Information Officer.

COMMITTEE TO CONSIDER H.P.S. CHAIR QUALIFICATIONS

At its September meeting, the Academic Senate recommended that the Selection Committee for the Chair in History and Philosophy of Science should seek to appoint the best possible scholar consistent with a number of points.

These points are that "the appointee should have special interests in the epistemology of modern science, its relationship to other systems of knowledge, and its historical development."

The Senate made the recommendation after considering reports from the Faculties of Humanities and Science and from its Working Party on History and Philosophy of Science.

It nominated Professor Peter Fisher, of the Department of Physics, as its representative on the Selection Committee to be appointed by the University Council at its October meeting.

The Chair was first established in 1975 and the position advertised internationally.

The financial cuts of that year forced the University to freeze the appointment. It was unfrozen this year.

"Once Council has approved the terms of the new advertisement and appointed a Selection Committee, it should be possible to proceed rapidly with the appointment," Dr. John Panter, departmental chairman of History and Philosophy of Science, said.

He said: "The Department of History and Philosophy of Science, although one of the oldest departments at the University, is now the only one not headed by a professor."

"Apart from all the usual reasons for welcoming this appointment, the department is particularly pleased with the prospect of moving into areas hitherto impossible to handle with the staff numbers presently available."

"It is hoped that it will now be feasible to introduce course work masters programmes for both arts and science graduates and to attract postgraduate research students to the department for the first time."

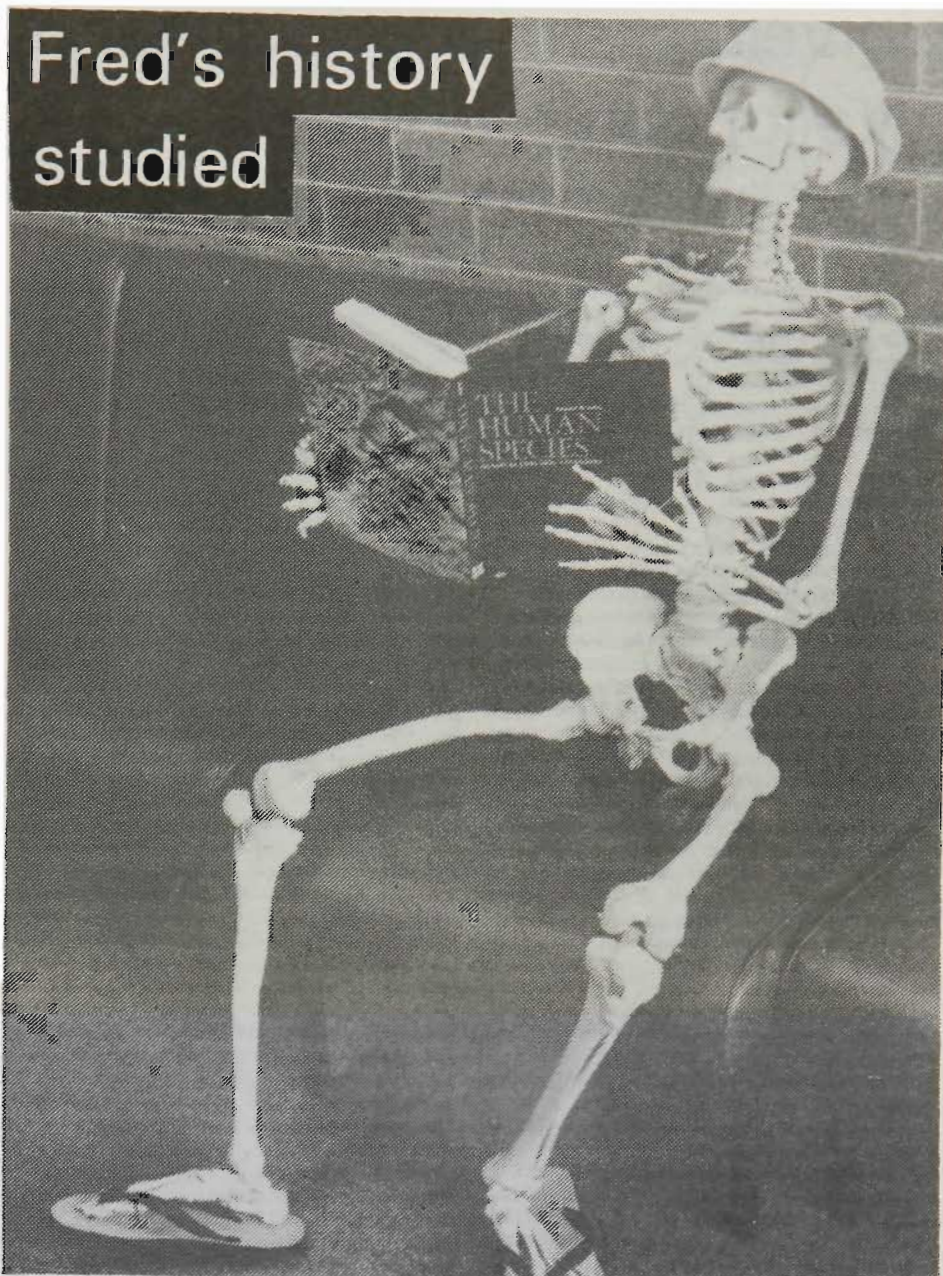
"Further, for a variety of reasons, despite the high priority the department has always placed in such a development, it has not been possible to offer courses which are designed particularly for science students at various levels."

"The arrival of the foundation professor, with research interests as recommended by the Senate, should remove many of the difficulties and enable members of the department to contribute to the education of students who have hitherto been unable to take part in the teaching programme."

FOOTNOTE:

The University Council, at its meeting on Friday, 28th October, endorsed the Academic Senate's recommendations and approved of the advertising of the Chair in History and Philosophy of Science. At its meeting, Council also appointed the Selection Committee for the Chair.

Fred's history studied



BONING up on his past is "Fred", a "member" of the Department of Biology, who left his cudboard for this photograph.

The Department of Biology will offer a new course next year. The course, called "Evolution and Ecology of Man", will be taught by Dr. Tony Hulbert and Dr. Roger Bradbury.

The course, called "Evolution and Ecology of Man", will be taught by Dr. Tony Hulbert and Dr. Roger Bradbury.

It will run for the first time in session II, 1978.

Dr. Hulbert said there had been a need for a course which speaks both to biologists and non-biologists directly on the importance of evolutionary thought regarding man's place in nature and his relations with his environment.

"It is only now after we have a wide range of subjects to teach to biology majors that the Department of Biology can fulfil this perceived need," he said.

"We hope to answer the age-old questions like, where did we come from and how did we get here, as best as modern evolutionary biology can."

Dr. Bradbury said the department hoped to give a biological perspective on the question, "Where are we going?"

"Many of man's most pressing problems, his burgeoning population, his territorial aggression, to name just two, can only be understood if their biological basis is understood," he said.

The course will be divided into four main sections: (a) Principles of evolution (b) Human evolution (c) Concepts of ecology (d) Human ecology.

"Ideally we would like final year students from the whole diverse range of degree courses offered by the University to take the course and learn of each others opinions and prejudices as well as aspects of the biology of man," Dr. Hulbert said.

University to participate in Wollongong festival

The Lord Mayor, Alderman Frank Arkell, has invited the University to participate in the first Festival of Wollongong from March 11 to 19 next year.

In a letter to the Vice-Chancellor, Alderman Arkell said the Festival "has the full backing of the Wollongong City Council".

The Lord Mayor is the Festival's official patron.

The council has established a Festival Committee headed by Mr. Jim Roche (honorary chairman); Mrs. Lorna Patch (honorary secretary); Mr. John Broomhall (honorary director); Mr. Roger Soden (honorary treasurer).

Mr. Tom Moore is the University's representative on the committee.

The Festival has three broad goals:

1. To highlight the cultural, sporting, and recreational facilities and activities of the City of Wollongong.
2. To draw attention to the geographical, industrial, and social characteristics which make the City of Wollongong unique.
3. To attract an influx of tourists.

Alderman Arkell said: "Recently, Wollongong has been subjected to a tremendous amount of adverse publicity and we feel it is time for Wollongong people to show the rest of Australia that Wollongong is a city people can be proud of."

"The function of the Festival Committee, which is a non-profit organisation, will be to co-ordinate all associations, organisations and clubs and to assist in the overall promotion of the various attractions for the Festival."

"The theme for the Festival is 'Southern Hospitality', with the emphasis on a warm welcome to visitors and the development of a festive atmosphere."

A Working Party has been established to advise the Vice-Chancellor on the ways and means by which the University might participate in the Festival and the approximate cost of such participation.



MR. Tom Moore

The Working Party comprises: the Academic Senate deputy chairman, Professor J.L.C. Chipman; the Estate Manager, Mr. J.F. Bell; the Union Secretary-Manager, Mrs. H.S. Stevenson; the Schools Liaison Officer, Mr. T. Moore; the two student members of the University Council, Ms. R.L. Rowland and Mr. M. Robinson; and the Information Officer, Mr. A.J. Barker, who is secretary to the Working Party.

The Working Party has reported to the Vice-Chancellor on a number of proposals for the University's participation in the Festival.

They include an open day, a public lecture, departmental displays, campus tours, clubs and societies displays, essay-writing competition for high-school students, and drama presentations.

MATHEMATICS HISTORY EXPERT GAVE PUBLIC LECTURE

An expert on the history of mathematics gave a seminar, open to the public, at the University of Wollongong on October 28.

He was Professor J.N. Crossley, professor of Mathematics at Monash University, who spoke on "The Evolution of Number" in Pentagon 5.

The seminar, which interested many members of the University as well as school teachers and senior high-school students, was jointly organised by the University's Departments of Mathematics, Philosophy, and History and Philosophy of Science.

Professor Crossley is the author of many publications, including several books on

mathematical logic.

At this year's Australian Mathematical Society conference, he gave a most entertaining address on the history of mathematics.

His address on October 28 considered three significant changes in the concept of number: the beginnings of the number sequence, irrational numbers, and complex numbers.

The first involved linguistics, the second philosophy and number mysticism, and the third formalist and practical tendencies in mathematics.

Staff changes

Mr. Peter Clarke has been appointed Administrative Officer in the Secretariat following Mr. Tom Moore taking up his appointment as Schools' Liaison Officer.

Mr. Clarke was previously Administrative Officer in the time-tabling and examinations section of Student Administration.

This position has been filled by Mr. Harry Alla, formerly the Office Manager in the Bursars Division.

Both have been employed by the University since 1973.

LOGIC OFFERED BY TWO DEPARTMENTS

Logic is traditionally a part of Philosophy, but in the last seventy years it has become a major field in Mathematics.

This is not only because most aspects of the subject have become highly mathematical, but also because the study of mathematical logic has led to startling results about the completeness and consistency of mathematics as a whole as well as to major applications to various branches of mathematics.

Courses in logic are offered in both the Philosophy and Mathematics Departments at Wollongong; Miss B. Davidson (Philosophy) and Dr. M.W. Bunder (Mathematics) are specialist logicians. Some (parts of) courses are offered jointly by the two departments.

In first year, the Philosophy Department offers a 6-credit-point unit, logic (Phil. 113), while in Mathematics there is some elementary logic in Maths 1B (Math. 102-12 credit points).

In second year, Philosophy has 8-credit-point courses covering General History of Logic (Phil. 221) and Set Theory (Phil. 222).

In third year, a major part of Maths III E (Math. 321-12 credit points) consists of Logic and Axiomatic Set Theory; part of this course will, from next year, be held jointly with Formal Logic 1 (Phil. 351- 8 credit points). The latter will also contain some formal number theory and Modal logic.

Formal logic 2 (Phil. 352) will contain a proof of Godel's Theory (the "startling result" mentioned above) as well as either some computability theory or some more Modal logic.

For honours diploma or masters students the Mathematics Department offers the following 6-credit-point units: Logic and Set Theory (Math. 966) which includes the proof of Godel's theorem; Independence proofs in Set Theory (Math. 965); and Combining Logic (Math. 967). These are also likely to be available to Philosophy students.

It is of course possible to combine the undergraduate Philosophy and Mathematics subjects in an Arts degree, but it is also possible to take most of them for a B.Sc.

Dr. M.W. Bunder
Department of Mathematics

NEW ENGLISH LECTURER — FROM VICTORIAN COLLEGE

A new lecturer in the University's Department of English was the first Humanities Departmental Chairman at Swinburne College of Technology in Victoria.

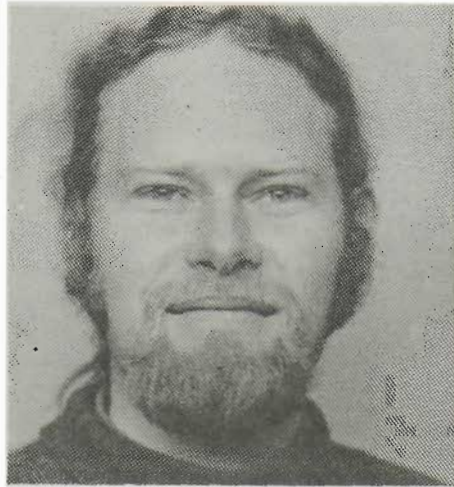
Mr. Rod McConchie started teaching English language to 100-level and 400-level students in second session.

Next year he will take English language lectures when senior lecturer, Miss Dorothy Gillam, goes on study leave.

Mr. McConchie gained his Bachelor of Arts Degree (Hons.) at Melbourne University in 1968 and his Master of Arts at Flinders University in 1970, and completed his Diploma of Education at Melbourne University the same year.

Before lecturing at Swinburne College, he taught at Flinders University, the Royal Melbourne Institute of Technology, and Vermont High School. His special fields of research are Beowulf and Shakespeare.

Mr. McConchie enjoys classical singing, and hopes to continue his singing with a musical society in Wollongong. He also enjoys fishing and snow skiing.



MR. Rod McConchie

University talks with Tech and Institute

The University has recently been holding informal meetings with the Institute of Education and the Wollongong Technical College to discuss the sharing of teaching and research equipment.

The three have also discussed joint support for the Conservatorium of Music and other activities in the performing arts.

This was revealed in the University of Wollongong's submission to the Working Party on the establishment of an Education Commission in N.S.W.

University Vice-Chancellor, Professor Michael Birt, Deputy Vice-Chancellor, Professor Alex Clarke, Chairman of the Academic Senate, Professor Geoff Brinson and Acting Registrar, Mr. Challice Moldrich, presented the submission to the working party at the Wollongong Council Chambers on September 21.

Associate Professor Jim Hagan, of the University's Department of History, is chairman of the working party.

The submission was in response to an invitation by the working party to reply to nine questions.

The questions included: what is wrong, if anything, with the present arrangements for education; how would membership of a regional body be determined; and what should be the scope of regional bodies.

The submission points out that at an informal level, steps have been taken towards greater co-operation between the University and the Institute of Education.

They now share some physical facilities and working parties have been set up to look at the joint use of site, buildings and other facilities and to consider certain academic matters such as the cross-recognition of courses and subjects.

The submission outlines the shortcomings in the present arrangements which include the "no-growth" situation; limited academic activities; student accommodation; part-time students and external studies.

Under the heading, "A regional Educational Authority; its scope and functions," the submission states that a regional education body must be devised to maintain the autonomy of the various institutions or authorities which provide education services in the region.

It says a regional education body should include the post-secondary education sector, and the regional body should be a purely advisory committee interacting, on the one hand, with a State Education Commission (if one is established) and on the other, with local educational bodies.

Dr. Chowdhury receives American research offer

Dr. Robyn Chowdhury, a senior lecturer in the University's Department of Civil Engineering, has received a proposal from America for joint research after his success as a panelist at a special programme in New York recently.

The programme in Geotechnical Engineering was sponsored by the National Science Foundation (U.S.A.) and was held at the Polytechnic Institute in August.

It attracted leading academics in the area of soil mechanics as well as leading practitioners in geotechnical engineering.

Dr. Chowdhury said that as a panelist his presentation on "Uncertainties in Various Progressive Failure Concepts" was successful. He said it would be published shortly.

He also produced a report on stability problems, which will be included in the published volume.

"While in America, I received many invitations to visit universities and discuss my research," he said. "But I could not take up these due to the shortage of time. However, I hope to respond in due course."

Before his trip to America, Dr. Chowdhury attended the Ninth International

Conference on Soil Mechanics and Foundation Engineering and the Second International Symposium on Landslide, both held in Tokyo.

At the conference, Dr. Chowdhury presented a paper to one of the speciality sessions and another to the main session.

"The new concepts presented generated great interest," he said. "These concepts have a far-reaching significance in relation to research concerning natural and man-made slopes throughout the world."

At the symposium he presented one of the three main lectures. The lecture entitled "Understanding Landslides in Relation to Initial Ground Stresses," was very well received and there were many requests for published and unpublished material.

During the rest of the symposium, Dr. Chowdhury led the discussions most of the time.

ILLAWARRA POETRY WILL TAKE A

MOMENTS

*He is the one
No doubts for me.*

*Jasmine leads me inevitably to poems
The sea draws me always toward it
Thunderblasts frighten but excite me
And he is there.*

*Under the hot summer afternoon sheet
his sticky body rests
in satiated repose.
Mounds and curves, dips and valleys
play his body tune.
Through the blind
sun glows the room
and cloud shadows grey it
intermittently.*

*Dust creeps the corners
clothes jumble the spaces
strange hybrid furniture lines the walls.
All these warm to the touch.*

*Soon from the twilight dream
he will stumble
stretch his curves and valleys
sing his rhythms louder
and prepare himself
for evening work.*

*And I will stay close
dancing and swaying with his perimeters
free and of accord
As his movement
flows with me
triggers the colour and music
of our time.*

ROBYN ROWLAND

STILL LIFE

*The match
lies flattened along the surface
of a table
burnt jagged black
at one end
it still holds its oblong form
at the other
dented a little
some ear wax gleams
in the light from a large window.*

TREVOR IRWIN



COMMUNITY Arts Officer, Mr. John Broomhall (left), and Ph.D. students Mr. Trevor Irwin and Ms. Robyn Rowland are pleased with the response to the first edition of their book, *Poems in Public Places*.

Illawarra poets will be able to have their works published locally in a poetry magazine published for the first time recently.

Called *Poems in Public Places*, this new poetry quarterly not only will provide an outlet for local poets but also will draw attention to poetry in general.

The first issue, which contains twenty poems by ten poets, was published through a grant made available by the Vice-Chancellor, Professor L.M. Birt.

The editors are Community Arts Officer, Mr. John Broomhall; Ph.D. candidate in English, Mr. Trevor Irwin; and Ph.D. student in Psychology, Ms Robyn Rowland. All contributed poems to the first issue.

They see their editorial collaboration as another example of University-community interaction.

Ms Rowland said today that *Poems in Public Places* needed community support for its continued publication.

"It is hoped that people will buy both this first issue and the December issue.

"The third issue will be a special edition for the Festival of Wollongong in March next year."

A CHANCE TO SHOW NEW TALENT

Contributions for the December issue can be forwarded to: Robyn Rowland, Department of Psychology; Trevor Irwin, Department of English; or John Broomhall, Room 8, National Mutual Building, Keira Street. The deadline is December 1.

Poems in Public Places is now on sale in the Union Shop; Coddingtons Bookshop, Crown Street; Angus and Robertson, Crown Street; the Tourist Information Centre, Bur-elli Street; Trevor Irwin, Department of English; Robyn Rowland, Department of Psychology; and John Broomhall, Room 8, National Mutual Building, Keira Street. The cost is 50c.

MAD POET

*Without warning
the poem blew up in my face,
blinding me momentarily;
Although I can see again
my eyes are still filled
with the dust of the dreams
it contained.*

*Fragments of phrases
like the blackened paper
of a Chinese firecracker
flutter & fume on the floor.*

*Perhaps my next poem
should have a longer fuse.*

-JOHN BROOMHALL

Poems written in Public Places

A University Union staff member was recently told by television personality, Mike Walsh, he was a natural comedian.

And comedy is not the only talent of Sid Bentley.

He recently published two books on poetry, which he has written since he started working in the Union five years ago.

The books, called *A Mixture of Poems and Verse* and *Poems and Verse* include topics such as romance, seasons and antique shops.

Sid said that he started writing after an industrial accident at the steelworks and he

found he had more time to spend "appreciating things," instead of dashing through life.

He will appear on the television talent show, Pot of Gold, soon and hopes the exposure will give him work in writing comedy for radio and television.

He said that when he recently appeared on the Mike Walsh show, Mike told him although his romantic poetry was very good his forte was comedy.

Sid's house is full of his original jokes and luckily his wife is his number one fan.

Recently Sid gave a comedy sketch and poetry reading in the Union for students as a practice run for his television appearance.



MR. Sid Bentley

FORGOTTEN HERITAGE

*To forget the present
Is indeed a crime,
But to forget the past
Is unforgivable for all time.
Weather punished sandstone
Overgrown with moss
Lamenting past glories
Now a nation's tragic loss.
Colonial days of yesteryear,
Echoes of Phillip and Macquarie
Now ghostly bare and silent
My God we should be sorry!
Where warm inviting coach lamps
Once welcomed guest and friend,
Now have grazing cattle
To witness there ignoble end.
But just faintly above the wind
If you listen very hard
You will hear the hoof-beats
Of a coach across the yard.
But then the wind subsides
And the present finds you alone
Viewing a forgotten heritage
Of weather punished sandstone.*

-SID BENTLEY

ANOTHER SCALE

*The vomit from my mouth was green-
green in a blue-sky shot with white
my body, as sinewy as a knotted runner,
brown as a hatless summer, produced
a sound that hit the red-brick house
and boomeranged on a muttering drunk
rousing himself from the gutter to stare
at the child's cat-guts stamped
on the road.*

*The static fact in a white-faced crowd
performed its truth like a work of art;
people's faces were patches of fat
hardening and blurring in the sun
capped by red, yellow and black
strangling pieces of Medusa's crown.*

*The gravel-backed blue-snake in summer sleep,
sloughing its bitter skin over epochs,
didn't wince as they ripped off its exotic human scale
and red blood ran black in the December sun.*

-TREVOR IRWIN

Prospects for a career in teaching

(This article is based largely on one which appeared in the University of Sydney's Focus, July 1977, p18, with the permission of its author, F.A. Beck and acknowledged to that journal).

Teacher education has been a topic for discussion in the university recently, at the University Day Seminar and with the printing of the book which includes contributions by many members of the university. Students are interested to know what their prospects of becoming a teacher are if they undertake a degree course which has been oriented towards teaching, followed by a Dip. Ed.

Until quite recently there was a general shortage of teachers in virtually all subject areas, and especially in mathematics and science. Consequently, any student who was judged suitable for training as a teacher on academic and personal grounds could reasonably expect to gain a teacher education scholarship in the second or a later year of his studies.

This picture has changed dramatically in the past two years. Because of the reduced demand in industry and commerce for graduates in mathematics, science and economics many of these graduates turned to teaching; and this factor, coupled with a significant drop in the resignation rates of teachers, led to surpluses in most of the teaching areas, especially in social sciences, history, science and mathematics.

NO BOND EITHER WAY

A more recent development has been the abolition of the bond under which scholars agreed to serve the Department of Education for a specified period. By the same token the Department is relieved of its former assumed obligation to guarantee an offer of a position to trained scholars for whom no substantive vacancy exists.

(The Department is, in fact, still recognising this assumed obligation for those awarded scholarships prior to 1977 but not for those gaining awards in 1977 or later.)

This means that all applicants for employment (except those awarded scholarships prior to 1977), whether former scholarship holders or not, will compete for teaching positions on the basis of the needs of the Department, the relevance of the applicant's qualifications and his availability to serve wherever the particular vacancy may happen to exist.

The person in the Department of Education who is responsible for ensuring an appropriate supply of teachers in the respective teaching subjects is the Director of Planning Services.

For statistical and demographic projections of future needs he can draw on the Research Section and Planning Division which, together with the Teacher Education Scholarships Branch and the Teacher Education Advisory Service comes under his control.

Scholarships are awarded and administered centrally by the Teacher Education Scholarships Branch and locally by the network of Teacher Education Advisory Offices, of which there is one on each campus throughout the State.

The Wollongong Advisory Office, located on the university campus, provides an advisory and administrative service for all scholars and prospective scholars at the Wollongong Institute of Education and the Wollongong University; and accepts applications for employment from those who have completed their training whether with or without a scholarship. The advisers are available during the vacations, except on public holidays.



In the present oversupply of teachers the quotas of awards of Teacher Education Scholarships based on the Higher School Certificate have, in some teaching areas, been reduced but not completely abolished.

In the case of Later Year awards the quotas for 1978 will be established even more rigidly in accordance with the projected needs of the Department in 1979, 1980, and 1981, in which years the demand for secondary teachers will, for demographic and other reasons, be rather low.

Enrolments in Australian primary schools will rise toward a peak in 1980 then decline, the secondary enrolments peaked in 1976, will drop until 1980 and they will reach another high level in 1985. (Schools Commission, Report for the Rolling Triennium 1977-79, p100).

It is difficult to predict with any degree of accuracy what the exact future requirements will be as certain factors, such as resignation rate of teachers, are rather unpredictable.

However those few awards which will be made to students in second and later years for 1978 will be in the teaching areas of home economics, physical education (women students), industrial arts, music, art, German and Indonesian languages and early childhood (children aged three to eight only).

No awards will be made in other subjects although students who are preparing for the teaching of special education or librarianship in combination with another teaching subject may make an application. Other students may apply but they will be interviewed only if there is a foreseen need at a subsequent time.

Applications should be lodged at the Teacher Education Advisory Office by October 1. Applicants for scholarships in the teaching areas for which there is a need will be interviewed by a teacher education adviser to assess their suitability for teaching on academic or personal grounds. Account is taken especially of the candidate's personality, interests and motivational qualities, his academic record and the suitability of his proposed course for the Department's anticipated need for teachers.

Students who wish to become teachers should not, however, regard the failure to win a scholarship as an insuperable barrier to the realisation of their ambition. It is possible for them to continue with their course of training without the benefit of a scholarship and to apply for employment with the Department at the end of the course.

Such students would indeed be at a disadvantage compared to those scholars who held their award prior to 1977, but would compete on their merits on equal terms with those whose awards date from 1977 or later.

Students who are unable to gain scholarships but who intend to teach would be welcome and wise to consult with teacher education advisers about the planning of their courses. In general they should aim to include in their degrees a pattern of subjects which is relevant to teaching.

Cynthia Brew,
Teacher Education Adviser,
University of Wollongong.

MANY SHOW INTEREST IN ENROLLING



More than 12,000 applications for admission to the University were received by the October 1 closing date.

Another 1000 applications are expected before late applications close on January 18.

About 450 people, who did not meet the formal entrance qualifications, have applied for enrolment under the Special Admissions Programme (S.A.P.). They have been invited to sit for the S.A.P. examinations on December 16, 17 and 18.

12,000 APPLY FOR ADMISSION



The first round of offers will be made to between 9,000 and 10,000 applicants to enrol on February 9 and 10 in the Pentagon.

Students and staff agreed the Pentagon was a tremendous success as an enrolment centre this year. (About 13,000 applicants were received by January this year.)

"The University did not expect an increase in the number of applications this year as Higher School Certificate candidates were down by one per cent," Admissions Officer, Mr. Peter Wood, said.

COMPUTER TRAINEES TO START IN CENTRE



The first of six trainees is expected to start work this month in the University's computer centre under the new University and Regional Computer Trainee Scheme.

The positions were recently advertised and the successful applicants are expected to start one every three months.

The University recently held a meeting with the external users of the University Univac 1106 at which they were asked to take full advantage of the scheme's benefits and to contribute funds.

The scheme is largely dependent on the response of the external users, which include Wollongong City Council, Shellharbour Council, the Regional Health Commission, Wollongong Technical College, Wollongong Institute of Education, Huntley Colliery, the Local Government Employees' Medical and Hospital Benefit Club and Univac.

The scheme aims to provide opportunities for school leavers: to enter the computer world and to receive basic training and experience; to provide organisations contributing to the scheme with additional "hands"; and to provide a source of trained computer staff for employment by the contributing organisations as vacancies arise.

Those eligible for the scheme will have the Higher School Certificate or the equivalent.

The traineeship will last for eighteen months and should provide a wide range of experience.

It will consist of: six months in computer operations at the University; two months' formal non-concurrent training; four months' general clerical work with con-

tributing organisations such as assistance in implementation of a new system; a three months' programming project; and a three months' computer project.

The University proposed that the trainees be paid \$80 a week for the first twelve months and \$120 a week for the last six months, and be put on its staff for administration purposes.

The target scheme is to establish six trainees built up over eighteen months, with one trainee to start every three months.

Council makes appeals decision

Any appeals against exclusion of students from the University, under Bachelor Degree Requirements 13 and 14, must be lodged with the Registrar within two weeks of notice of exclusion being posted to a student.

The University Council decided this at its June meeting.

At the same meeting, the council noted the decision of its committee of appeal not to allow an appeal by a student against exclusion under Bachelor Degree Requirements 13 and 14.

\$63,390 ALLOCATED FOR RESEARCH

Special grant from

Health council

The Australian Research Grants Committee (A.R.G.C.) has allocated grants totalling \$63,390 to University of Wollongong academic staff for 1978.

This compares with \$38,821 this year and \$31,524 last year.

The largest single grant, \$16,851, will go to Professor P. Fisher and Dr. P. E. Simmonds for research into solid state spectroscopy (electronic and vibrational spectra of solids).

Professor Fisher who is chairman of the Department of Physics, has now received a total of \$87,306 from the A.R.G.C. for this project.

Associate Professor J. S. Hagan will receive \$5,000 for research into his book on the history of the Australian Council of Trade Unions to mark the A.C.T.U.'s fiftieth anniversary.

Grants for new projects will go to Professor B. Halpern and Associate Professor P. D. Bolton (Chemistry) \$13,707; Dr. R. H. Bradbury (Biology) \$1,350; Dr. G. C. Nanson (Geography) \$6,350; and Dr. Y. C. Loo and Professor R. W. Upfold (Civil Engineering) \$5,100.

Other grants for continuing projects will go to Dr. P. G. Burton (Chemistry) \$1,000; Professor A. D. Brown (Biology) \$6,871; Professor A. D. Brown and Dr. R. McC. Lilley (Biology) \$6,361; Dr. R. C. McC. Lilley (Biology) \$800.

Professor Halpern said that the research undertaken by himself and Associate Professor P. D. Bolton was involved with "Rapid and Quantitative Amino Acid Analysis by Direct Mass Spectrometry".

He said that proteins occupy a central position in the architecture and function of living matter. "They are intimately connected with all phases of chemical and physical activity that constitute the life of a cell."

"Proteins are polymers derived from amino acids which are linked through amide bonds. The nature and the order in which the amino acids are arranged is responsible for the physiological function of the protein."

"The amino acid composition of a protein is therefore important to the understanding of many biological processes. At present such an analysis is done by an ion exchange separation process and takes between 2-4 hours."

"We have recently shown that mass spectrometry can be used for this purpose and that a complete amino acid analysis can be done in 15 minutes."

"The A.R.G.C. has funded us to develop the method for the routine analysis of proteins. The new technique can be expected to have substantial commercial value."

Dr. Lilley said his research involved photosynthesis.



Professor Peter Fisher

He said photosynthesis is the process whereby plants use solar energy to convert or "fix" carbon dioxide from the atmosphere into sugars and other organic molecules.

"As such it represents the starting point of a supply chain of food and energy on which all living organisms, including man, are dependent," he said.

"The entire machinery for photosynthesis is located in microscopic organelles called chloroplasts, which occur within the cells of green plant tissues, particularly leaves. Preparations of isolated, intact chloroplasts are capable of full photosynthetic activity when illuminated 'in the test tube' and are an ideal experimental system."

"Due to their extreme fragility, however, it is technically very difficult to extract chloroplasts from the plant without damage. Only a handful of laboratories around the world have been able to achieve this on a regular basis, and only then with a few types of plant, notably spinach and pea."

"The aim of the present project is to establish the techniques for isolating intact chloroplasts in the Department of Biology, and then to use these preparations to study the regulation of photosynthesis and identify those factors which limit the rate of photosynthesis, the basic determinant of productivity in any plant or crop."

"It is intended to extend this work from pea and spinach to plants of more significance in agriculture, and in particular to marine plants. Very little is known about chloroplast function in marine plants, although they collectively account for about half of the total photosynthesis on a world scale."

The National Health and Medical Research Council has granted \$21,150 next year for research which Professor B. Halpern, Chairman of the Department of Chemistry, is doing into the application of mass spectrometry and related techniques to the study of inborn errors of metabolism.

Professor Halpern said: "Although inborn errors of metabolism are individually rare, collectively they can amount to a significant disease burden. The successful diagnosis, prevention and treatment of these conditions requires skilled personnel and expensive equipment."

"We now know that the primary defect in these diseases lies in the gene — the encoded information is inaccurate or missing altogether. This results in a missing or defective gene produce — a protein — and consequent attenuation or absence of a metabolic step dependent on this protein."

"The net result can be an accumulation of metabolites proximal to this step, decreased production of essential metabolites and/or increased production, via side pathways, of normally insignificant metabolites."

"If water-soluble or complexed to a water-soluble carrier, the accumulating metabolites are usually found in increased amounts in blood and urine; if they are not water-soluble, as in the lipidoses, tissue storage are often prominent features. The result of metabolite accumulation may lead to irreversible damage to vital organs, for example the brain."

"Since some inborn errors of metabolism unless treated, are incompatible with normal life, in many cases their clinical expression is manifested in infancy or early childhood. The screening for metabolic abnormalities in newborns has already become an accepted medical practice."

"The aim of our work has been to assess the value of a mass spectrometric analysis of body fluids and tissues for this purpose."

"In collaboration with the Genetic Research Unit of the Royal Children's Hospital in Melbourne, our work has led to the rapid diagnosis of six previously unknown metabolic diseases and our mass spectrometer system has been used successfully to confirm the diagnosis of many previously recognised genetic disorders."

"It has been just as important on some occasions to prove that an abnormal metabolite was derived from a drug or food ingested by the child and thus save the patient from unnecessary clinical investigations."

"The results of our collaborative experience between the Melbourne and Wollongong laboratories have been presented at various medical meetings; and this has encouraged doctors working in this field all over Australia to send samples for confirmation of their own results or ask for assistance when they have been unable to interpret the abnormal findings of simpler screening tests."



MS. Kay Salleh

Child care conference attracts top speakers

Ms. Eva Cox, from the N.S.W. Council of Social Services, will speak on migrant child care at the University of Wollongong Parents Club Child Care Conference on December 10 and 11.

She is one of 24 speakers and workshop leaders to take part in the conference, which will be held at the University.

Other speakers include University lecturers, Ms. Kay Salleh (Sociology), Dr. Winifred Mitchell (History), Mr. John Steinke (Economics), Dr. Bev Walker (Psychology), and Dr. Neil Adams (Psychology).

Winsome McCaughey, of the Community Child Care Association in Melbourne, has been invited to attend to speak on parent involvement and co-operative child care.

Community groups such as Playgroups, Parents Without Partners, the Warilla Refuge Committee and Government child care organisations will be represented at the conference.

Topics which will be discussed include child care from a feminist viewpoint; the changing family structure; the housewife and childcare; child care alternatives; child care for the handicapped; parent involvement and institutionalised commercial child care.

The aims of the conference are to stimulate an awareness of child care needs in Wollongong; and to maximise parent/community involvement in all aspects of the planning, running and evaluation of child care.

Anyone interested in attending the conference should contact Ms. Marian Zaunbrecher, at Kids Uni (Ext. 309).

LIBRARY NEWS

THE LIBRARY OPENS ITS DOORS

Library users will be aware that the Tattle Tape electronic security system has been installed for some time and is working well. It is therefore possible for briefcases, bags, handbags, suitcases and haversacks to be brought into the Library; since October 10 the doors have been open to this invasion of personal paraphernalia.

At the same time, the doors onto the first-floor balcony, now graced with four sets of outdoor furniture, have been opened. Access times are from 10.15a.m. to 4.p.m. Monday to Friday.

Those with some awareness of the vagaries of flexitime will recognize the core-time involved, apart from the fact that this time is probably the most clement for using the balcony anyway. To date, use has been cautious, but some happy card players seem most grateful for this development.

On the first floor, the two group-study rooms have now been furnished allowing students who wish to discuss their problems more privately.

There can be no promises of coffee shops, bistros, or similar developments, but the eventual provision of these much awaited facilities is particularly pleasing to Library staff.

One final note, if you haven't sat in one of the gorgeous chairs adjacent to the new-book display, then please do so as soon as possible; you'll never want to leave the Library, especially in hot weather!



DR. Don Lewis

Bulletin published in New York

A bulletin on *Basic Economic Concepts in Business Education* by a lecturer in the Department of Economics, Dr. D.E. Lewis, has been published by the New York State Education Department.

In a foreword to the bulletin, the Chief of the State Bureau of Business Education, Hobart H. Conover, writes: "Dr. Lewis has drawn on his experience as an innovative and creative instructor to present several instructional techniques easily adaptable to classes in general business."

Dr. Lewis introduced his study as follows:

The last ten years have witnessed the publication of numerous "how to do it" books: How to buy a car, obtain a cash loan, make money in the stock market, profit from a devaluation, make your own home repairs, find inner peace, and so forth. People seem to want simple, clear-cut formulas and prescriptions for attaining their objectives. Unfortunately, most problems are complex and unique so that simple, easy-to-find solutions are seldom available.

Economics is not a discipline that lends itself to this "how to do it" philosophy. No economist has ever written a book entitled "Five Easy Steps to Understanding the Economic System". Nevertheless, economists have developed tools, concepts, and principles which, when used with discretion, can aid in the understanding and solution of many societal problems.

Four general economic topics have been selected for inclusion in this annual bulletin: (1) Opportunity costs, (2) Supply and Demand, (3) Industrial Organization, and (4) Marginal Analysis. Within each topic principles have been developed which can often be applied in business decision-making.

Dr. Lewis was an Assistant Professor of Economics at Russell Sage College, Troy, New York, before his appointment to Wollongong.

SALARY INCREASE

Following the national wage decision of August 22, the University of Wollongong has applied the two per cent salary increase to all University staff classifications.

The new rates apply from September 2 and the University paid the new rates and retrospective adjustment on pay day, September 29.

The new academic staff salaries are:

Professor - \$30,786

Associate Professor - \$25,975

Senior Lecturer - \$19,676; 20,332;

20,988; 21,644; 22,300; 22,955

Lecturer - \$14,632; 15,956; 16,618;

17,279; 17,940; 18,601; 19,262

Minister heads immigration council visit to Uni.

The Australian Population and Immigration Council, which advises the Minister for Immigration and Ethnic Affairs, Mr. MacKellar, on population growth and immigration visited the University on October 31 and November 1.

Mr. MacKellar is chairman of the council, whose members represent a wide cross-section of professional, academic, commercial, and industrial interests.

The council was established on February 2, 1975, and its forerunner was the Immigration Planning Council which operated from 1949 until 1974.

Reconstituted on March 31 last year, the council advised Senator MacKellar on such matters as:

- the implications of population change;
- developments and research in Australia and overseas in the areas of population and immigration;
- the probable long-term effects of changing patterns of immigration intakes; and
- ways in which immigration intakes can be planned to complement other national policies.

The members are: Professor W.D. Borrie; Dr. L.A. Brodribb; Dr. D.R. Cox; Mr. J.A. Gobbo; Mr. R.J. Hawke; Professor W.P. Hogan; Mr. J.A. Kiosoglous; Mr. G. Lapaine; Professor J.D.B. Miller; Dr. G.M. Neutze; Mr. G. Polites; Mr. J.B. Reid; Dr. A. Richardson; Mr. H.J. Souter; Professor R.J. Walsh.

The Council had discussed the desirability of learning more about the role which

migrants play in Australian industry and in the development of particular geographic regions.

Members suggested that Wollongong would be an appropriate centre to visit.

During its visit, the Council met formally at the University; visited Australian Iron and Steel; attended a dinner hosted by the University Council; visited Cringila Public School; participated in a forum at the University; and met with University staff and others concerned with the University's Centre for Multicultural Studies.

More than 100 people associated with migrant welfare and education in Wollongong attended the forum in the Pentagon and heard Mr. MacKellar speak.

Entitled "Does the Wollongong community meet the needs of Migrants?", the forum was chaired by Professor Ron King, chairman of the Department of Education and director of the Centre for Multicultural Studies.

Among those who visited Wollongong with the Council were: Professor Freda Hawkins, associate professor of political science, University of Toronto; Professor Jerzy Zubrzycki, chairman, Australian Ethnic Affairs Council; and Mr. L.W.B. Engledow, secretary, Department of Immigration and Ethnic Affairs.

Board interested in mature - age students

A meeting of N.S.W. universities professorial board chairmen was held at the University on October 7.

Professor Geoffrey Brinson, chairman of the Academic Senate, represented the University at the meeting.

Representatives of the other N.S.W. universities were particularly interested in a tabled report on the performance of mature-age students at Wollongong.

They analysed the performance of the mature-age students at Wollongong in terms of the application of the mature-age scheme to the other N.S.W. universities.

It was agreed that the mature-age scheme would be re-considered at the next meeting in February, 1978.

The chairmen of the professorial boards meet informally in turn at one of the N.S.W. universities about three times each year.

LEFT WING POSES MAIN THREAT TO HUMAN LIBERTY

The main threats to human liberty and equality today come from the left of the political spectrum, according to Professor Lauchlan Chipman, who is professor of Philosophy at the University of Wollongong. Professor Chipman was delivering the W.E.A. 1977 Eddy Memorial Lecture at the University.

He cited increasing acceptance of compulsory trade unionism and 'closed shop' industries as major threats to personal liberty and equality.

"If people who do not wish to join unions cannot get work because unionists prevent employers from hiring them, then they are second class citizens," Professor Chipman said.

Professor Chipman added that the increasing political power of trade unions ought to be a matter of serious public concern. "If the execution of government policy on the export of uranium is to be dependent upon the consent of the trade union movement, then we no longer live in a free democratic society," Professor Chipman said.

Prof. Chipman gives memorial lecture at W.E.A.

Professor Chipman said established institutions, including governments of all persuasions, connived in violations of individual rights because they suffered a "failure of nerve" when confronted with demands from militant organizations.

He said that the tendency to cave in was related to the failure of established institutions to be clear about their own purposes.

Professor Chipman began his lecture by paying tribute to the work that the late Harry Eddy did for adult education in the Illawarra and Hunter regions.

The full text of Professor Chipman's lecture will be published in the monthly national literary magazine *Quadrant*.

Professor Chipman is a member of the committee of management of the Australian Association for Cultural Freedom, which publishes *Quadrant*, and is also a founding sponsor of the Australian Council for Educational Standards.

P.S.A.

comments on Council membership

The Management Committee of the Local Sub-Division of the Public Service Association has responded to the Vice-Chancellor's invitation to comment on increasing the general staff membership on the University Council.

In a letter to the Vice-Chancellor, the P.S.A. subdivision secretary, Mr. Tom Moore, said:

- I. We note your statement that the content of the University of Wollongong Act has evolved from the Acts of universities established in this State since the foundation of the University of Sydney in 1850. While this is so, it is also true that the early Acts contain much material which reflects the thoughts of another era.

In fact, the contents of the University of Wollongong Act do not accurately reflect the changed social conditions in which we live. In this context we point to the fact that today employees are seeking greater participation in decision-making as is apparent in the widespread discussion of industrial democracy, and, directly relevant to our situation, the fact that many members of general staff feel keenly the fact that the Act does not accord them membership of the University.

- II. With regard to your point 3 concerning the effect, both here and elsewhere, that any variation in any of the classes of membership may have, we note that the Minister intends to increase general staff representation on the Council of the University of New South Wales to provide for an additional elected general staff member.

- III. While it is true as you state in point 5, that we wish to ease the burden on the sole existing general staff member of Council, our basic aim in seeking increased representation on Council is to involve employees more actively in the decision making process in their work place. We believe that this is a responsible and potentially productive manner of acting to enhance the wellbeing of the University. We also believe that general staff should be viewed as more than a mere appendage to the University.



The general staff provide an indispensable service in the University's on-going functions. Most spend long periods in the service of the University and have its welfare very much in mind. While agreeing that students have a right to adequate representation on Council we view it as anomalous that general staff currently have fewer Council representatives than have the students who spend only limited periods at the University. As a further argument to support our case for additional representation we point to the fact that at the moment it is theoretically possible for a matter brought forward by the sole general staff representative on Council to lapse for want of a seconder.

- IV. The Sub-Division is not necessarily opposed to an increase in numbers of other interested groups but it would suggest that some parity be kept in mind, particularly with regard to relevant numbers of academic and general staff employees.

- V. The Amalgamated Miscellaneous Workers' Union have indicated that they support the P.S.A. in this initiative.

CAMPUS NEWS

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Tony Barker Editor
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SPORTING NEWS

TABLE TENNIS BOYS PING THEIR RIVALS

University 9 table tennis team won the grand final of the Illawarra Winter Competition.

The team, which includes John Constable, Steve Vincent and Anant Singh, defeated Beaton Park Family by 6-3 in the Division Five grand final.

In Division 3, University 5 won the final match against Wollongong Youth A by 6-5, but lost in the grand final by 6-3 to Beaton Park Rovers.

Two games were lost 24-22 and 23-21, in the third set which could have easily set them up for victory.

In Division 2, University 3 lost a very hard-fought final, which took over four hours. They lost 6-5 against Albion Park A with Professor John Ryan excelling for University by beating all three Albion Park players. Fellow accountant Gerry Lambert, who plays for Albion Park, won the last games to give victory to his team.

The results of the University Championships are:

| | |
|------------------------------|--|
| Division 1 | |
| Winner: | N.Q. Thoi (his fourth successive win) |
| Runner up: | N. Dobbie |
| Division 2 | |
| Winner: | R. Adra |
| Runner Up: | A. Ng |
| Division 3 | |
| Winner: | A. Ng |
| Runner Up: | R. Adra |
| Division 4 | |
| Winner: | S. Lambert |
| Runner Up: | B. Natalenko |
| Division 5 | |
| Winner: | J. Constable |
| Runner Up: | S. Vincent |
| Consolation Handicap Singles | |
| Winner: | M. Bunder |
| Runner Up: | G. Rogers |
| Division 1, 2, 3 Doubles | |
| Winners: | N.Q. Thoi R. Adra |
| Runners Up: | K. Phipps S. Lambert |



UNIVERSITY table tennis champion, Nguyen Quang Thoi.

Rugby Club enjoys a rip-roaring season

The 1977 season was a much brighter affair for the University Rugby Club than the two previous seasons and culminated in a grand final appearance.

This included the honour of being the first club to defeat any Vikings team on that club's new ground and a 19-Nil win in the replay of the final at Tech oval three days before the grand final.

The club's presentation night in the Sports Pavilion was a fitting end to the season. Players and supporters totalled fifty during the night.

The awards were as follows:

BEST AND FAIREST. Competing for the Brian Chenhall pewter and a perpetual trophy bought from a donation by Tony Barker. This award was a draw between Simon Drew and Phil ("Doris") McInerney. The pewter was awarded to Simon as his name appeared on it the most.

MOST IMPROVED. Competing for the club captain's pewter. Awarded to Brad Sewell. Brad scored the highest number of tries, touching down eleven times

during the season, and also won the Illawarra District Rugby Union sprint championship.

HIGHEST POINT SCORER went to "Doris" with a personal tally of 75 points.

BEST CLUB MAN was awarded to Ken Shaw for dedication to the club.

Despite being restricted to a third-grade side, we survived in the competition and gathered many supporters as the season progressed.

Full credit must go to all connected with the club this season.

We started with a handful of experienced players and a larger than usual influx of first-year students many with little or no experience in rugby.

From this point, everything to do with running and coaching the team was handled by playing members.

We did not win the grand final and were definitely out-classed by Teachers' tactics, which prevented us from playing our normal game.

Full credit must go to Teachers, who capitalised on our every mistake to run out undisputed winners. Teachers also pipped us by one point to take out the minor premiership.

Apart from the disappointment of not winning the grand final, the club enjoyed a good year, with a particular source of pleasure being our defeat of Vikings, three games out of three.

The prestigious "Buzzard of the Year Award" went to Sue Wilcox for consistency in "buzzardry" and was presented by the retiring buzzard, Jean McLeod.

Statistics for the year:

Games played: 18 (wins 14, losses 4).

For and against: F 184; A 68.

Major semi: lost 14-0.

Final: won 19-0.

Grand Final: lost 22-0.

To the Traas family, the club extends its deepest sympathy on Derek's death in the final and also thanks the family for its presence on the sideline during the grand final.

The plans for next year will be made at the annual general meeting before the end of session; all persons interested in the club will be welcome at the meeting.

Brian Noone,
President.