



THE UNIVERSITY OF WOLLONGONG

CAMPUS NEWS

A WEEKLY INFORMATION SHEET

5 APRIL, 1985

Deadline for copy 12 noon Monday

Distributed each Friday.

Editor: Giles Pickford, tel. (042) 270073

ILLAWARRA CREDIT UNION CREATES STUDENT JOBS



Left to Right: Patrick Eltridge, Lynne Black, John Ledda, Peck Hong Wong, Matthew Eastley, Kathryn Orton, Luigi Volpato, Janette Gomboso, Birsen Bostanci.

The Illawarra Credit Union has generously made available \$8,400 to the University to enable part time employment to be offered to students currently undertaking a full time course at the University.

16 students have been given 3 hours work a week in University Departments in which they are currently enrolled.

The selection procedure took account of the students' previous academic performances. This scheme has been operating since 1981. Winners for 1985 include:

Kathryn Clare Orton - Creative Arts
Matthew Damien Eastley - Accountancy and Legal Studies
Lynne Frances Black - Geography
John Ledda - Economics
Birsen Bostanci - Psychology
Luigi Volpato - Accountancy and Legal Studies
Janette Gomboso - Economics
Patrick James Eltridge - Physics
Andrew John Huggett - Biology
Peck Hong Wong - Computing Science
Kam Tuck Law - Civil and Mining Engineering
Lynette Joan Ferguson - Creative Arts

Peter David Rogers - Psychology

The Manager of the Illawarra Credit Union, Mr. Barry Kelly, visited the University recently to see the type of work the students will be doing.

AWARD FOR STUDENT PAPER

The Institute of Transportation Engineers - Australian section has awarded the first prize for a student paper to a student from the Department of Civil and Mining Engineering of the University of Wollongong. Some 20 entries were received for the 1984 Award from undergraduate students at Queensland, NSW, Wollongong, Newcastle, Monash, Footscray and Darling Downs Universities and Colleges. The prize of \$150 was awarded to Peter Djendjinovic of this University for his paper entitled "The Estimation of a Noise Model for NSW Railways Operations", the subject of his BE Thesis submitted in 1984. The paper appeared in the Newsletter of the Institute of Transportation Engineers - Australia.

The work was supervised by Mr. Richard Kohoutek, a lecturer in the Department of Civil and Mining Engineering.

NEW POLICY ON OVERSEAS STUDENTS

The Minister for Education, Senator Susan Ryan, announced details of the Government's decisions on future arrangements for overseas students wishing to study in Australia.

Senator Ryan said that, in deciding on the new policy, the Government had given careful consideration to the reports of the Goldring Committee, which reviewed all aspects of the Overseas Student Program, and of the Jackson Committee which reviewed Australia's Overseas Aid Program.

Under the new arrangements adequate opportunities will continue to be available to overseas students who wish to study in Australia. The new policy is also consistent with the Government's aim of encouraging greater participation by Australian students in tertiary education.

The Government will continue to set an overall number of overseas students to be admitted for formal education at secondary and tertiary level. The number will not exceed the number of overseas students in Australia at present.

In addition there will be an upper limit for overseas students at any tertiary institutions of 10 per cent of the total enrolment, and a limit of 20 per cent of overseas students in any course.

These arrangements will give institutions considerable flexibility in the number of overseas students they enrol. At the same time, they will reduce the tendency of overseas students to concentrate in particular institutions and courses which are also in high demand from Australian students.

An Overseas Student Office will be established within the Education portfolio to provide improved administration of the overseas student program. The OSO will have responsibility for policy development and administration; it will act as a central applications centre for overseas students, and carry out co-ordination with institutions and education authorities.

Overseas students in normal tertiary courses will continue to pay the overseas charge. Current charges are:

- postgraduate	\$3,350
- undergraduate (high cost)	\$3,100
- undergraduate (other)	\$2,500

These charges will be increased to 35 percent of the cost of a tertiary place in 1985/86 and to 45 percent in 1986/87. The charges for 1985/86, i.e. for the 1986 academic year, are to be:

\$4,340 for medicine, veterinary science and dentistry
\$3,500 for all other courses.

The charges apply to both postgraduate and undergraduate courses. To provide additional opportunities for study in Australia, beyond those which will be available within the quota of subsidised places, two initiatives are to be supported.

Universities and colleges of advanced education will continue to be able, if they wish, to offer courses developed especially for overseas students. These courses will be different from normal tertiary courses for which institutions receive funding from the Government through the Commonwealth Tertiary Education Commission, and overseas students taking them will pay a fee covering the cost of the course.

A Steering Committee will also develop guidelines under which institutions are to be allowed to market degree courses to full fee paying students. Again the places offered in this way will be above and beyond those funded by the Australian Government.

The Overseas Students Program makes a significant contribution to the economic and social development of source countries. It also helps to foster educational interchange as well as promoting cultural and other ties.

The Government believes that the changes it has made to the program will encourage its further development and will lead to greater international co-operation and understanding particularly with the countries in our region.

PRODUCTION OF DOCUMENTARY FILM COMMENCES

Production of a documentary on the impact of computers on the manufacturing sector commenced recently.

The film, financed by the New South Wales Department of Industrial Development, is being produced jointly by the Centre for Technology and Social Change and the Amalgamated Metal Workers Union.

The Centre's General Manager, Daniel Rowland, explained that the project will result in an important educational tool for employees, employers, and others involved in the manufacturing sector:

"Computer Aided Design/Manufacturing (CAD/CAM) technology is only just being introduced in Australia. It will have enormous social and economic consequences for manufacturing. Employment, deskilling, health and safety, retraining, and industrial democracy are only some of the issues that will be dealt with in the film.

The Australian community must wake up to these important issues. Our central concern will be to investigate the most appropriate ways to introduce CAD/CAM technologies in a way which both maximises the social and economic benefits and minimises the social cost."

Daniel Rowland added that the program will be of broadcast quality, and was already attracting interest from a major TV network.

"The skills of Alan Healey's Education and Video Unit at the A.M.W.U. combined with the Centre's research expertise in the social impact of CAD/CAM through Dr. Richard Badham will produce an interesting result.

Yet again, the Centre is demonstrating that it is at the forefront in Australia in communicating with a wide audience on Technology and Social Change issues."

NATIONAL BANK NOTICE

Officers of the Campus branch of the National Bank have indicated that they will not cash cheques unless either:-

- a) a staff I.D. card, or
- b) a student I.D. card

is produced.

PHILOSOPHY FOR CHILDREN

by Dr. L. Splitter, Department of Philosophy

It gives me considerable pleasure to be able to tell readers that Professors Lipman and Sharp, Director and Associate Director of the Institute of the Advancement of Philosophy for Children at Montclair State College, New Jersey, will be visiting Australia to share with us their experiences and expertise in Philosophy for Children.

As some of you are aware, Philosophy for Children is a curriculum which aims to develop and expand the critical thinking and reasoning skills of children of all ages. The objective of teachers in classrooms of Philosophy for Children is to help students construct a *community of inquiry*, that is, an environment in which they are encouraged and motivated to listen to one another, to raise questions, to examine issues carefully and to criticize constructively. "Campus News" carried a lead story on this matter on 20 July 1984.

It is now clear from research carried out within the United States, where the programme has been taught in hundreds of schools since 1970, that children who participate in a community of inquiry improve across a range of crucial skills, including reading, comprehension, reasoning, critical thinking and mathematical skills, as well as heightened self esteem and motivation.

Objectives of the Visit:

Over the past fifteen months, my own efforts in introducing Philosophy for Children to schools in various parts of Australia, have focused upon this all-important matter of teacher training. This emphasis will be the dominant feature of the itinerary which will include visits to Adelaide, Canberra, Melbourne, Newcastle, Sydney and Wollongong for the purpose of running workshops, seminars and "awareness sessions". Ann Sharp will concentrate on working with teachers and trainee-teachers in workshops extending over a one to two day period. Matthew Lipman will consult with philosophers, educationalists and cognitive psychologists, in addition to conducting seminars at a number of universities and colleges. And both Lipman and Sharp will be available to introduce and discuss the programme with parents and others who may be interested in the teaching of thinking and reasoning skills.

As a result of this visit, An Australian Centre or Institute of Philosophy for Children will be formally established. Its main concerns will be:

- (i) introducing philosophy into the school curriculum (concentrating on primary and lower secondary in the short term);
- (ii) professional development for teachers, emphasising the pedagogic and philosophical aspects of teaching thinking skills to children;
- (iii) conducting research into the development of critical and cognitive skills and the effectiveness of teaching philosophy to children;
- (iv) maintaining a network of communication among teachers, parents, educationalists and others who are committed to the fostering of cognitive development in young people.

The main feature of the itinerary will be the first extended Australian workshop for prospective teacher-trainers in Philosophy for Children, to be held at the University of Wollongong during the period 13-18 May.

The objective of this workshop is to produce suitably qualified individuals who may proceed to work with and train classroom teachers. I participated in just such a workshop conducted by Lipman and Sharp (January 1984). Its effect on me as a professional philosopher and teacher, have been truly profound.

Editor's Note:

There is a need for help in funding this important visit. Members of staff, students and Friends of the University are invited to make a tax deductible donation to the Friends of the University in support of this project. Those who wish to help can use the reply form below.

Please rush my tax deductible receipt for \$, donated to the Philosophy for Children Institute, to the address below.

Name

Address

..... Postcode



Campus Community Interface

GRADUATES COMMITTEE - NEXT MEETING

Meetings of the Graduates Committee of the Friends of the University are open to all graduates and members of staff.

The next meeting will be held at 6 p.m. on 24 April, 1985, in the Friends Board Room.

Three nominations have been received so far for the positions which will become vacant at the Friends Annual General Meeting. They are:

Chairman	- Ald. Keith Phipps
Vice-Chairman	- Mr. David Henderson
Secretary	- Mrs. Bev Ring

1985 FRIENDS ANNUAL ELECTIONS SCHEDULE

15th March - 5 p.m.	The Membership Roll closed to establish the electorate.
18th March	Notice of AGM calling for nominations was posted to the members.
29th March - 4 p.m. - 5 p.m.	Board of Directors Meeting. Close of nominations for all elected positions.
15th April	The Annual Report and any ballot papers will be posted to the members.
30th April - 5.30 p.m.	Annual General Meeting.

General Notices

IMPORTANT DATE FOR STUDENTS

Last Day for withdrawal from Session One subjects:
Friday, 19th April, 1985.

UNIVERSITY MEDICAL SERVICE

Consultation hours:

Monday	Dr. J. Fuller — 1.00 p.m. - 2.00 p.m.
Tuesday	Dr. Lalita Sharma, Family Planning Service 1.00 p.m. - 2.00 p.m.
Wednesday	Dr. Cathy Pell, Family Planning Service 12.00 noon - 1.00 p.m.
Thursday	Dr. D. Scruby - 12.00 noon - 1.00 p.m.
Friday	Dr. T. Bunn - 12.00 noon - 1.00 p.m.

Appointments must be made at the Counselling Centre.

UNIVERSITY OF WOLLONGONG UNION ANNUAL GENERAL MEETING

The Annual General Meeting of the Union will be held in the Union Hall at 12.30 p.m. on Wednesday, 10th April, 1985. Copies of the Annual Report for 1984 may be obtained from the Union Office in due course.

UNIVERSITY CHURCH SERVICE

The Annual Church Service for Tertiary Education will be held in St. Michael's Anglican Cathedral on Sunday, 5 May 1985 at 7.15 p.m. All staff, students, graduates and members of the Friends are welcome.

CHANGES IN UNION WORKSHOP COURSES

Gentle Exercise Classes - Without Union knowledge, classes were moved to Wollongong High School Gym.

Nutrition Classes - Cancelled.

Spinning and Weaving - Cancelled.

Massage - Rest of students on waiting list can join in second session classes (please notify Union Office).

INTERNAL TELEPHONE DIRECTORY

The University's internal telephone directory has not been amended since November, 1983 and accordingly, requires urgent updating.

However, it would be inappropriate to proceed immediately because of the large number of moves currently taking place on campus. Over 70 moves are expected to be made by the end of May when the Health Sciences Building is completed.

It is then proposed to update the directory and departments will be contacted during May and asked to provide information so this may be done. The new directory should be available for release in late June, 1985.

THIRD BIENNIAL PLAYWRIGHTS' AWARD 1985/86 BEST NEW STAGE PLAY AWARD — \$1,000

Production of the winning play by the Stage Company, Adelaide, will take place during the South Australian Jubilee 150 Year, 1986 and be part of the official program.

Conditions of Entry:

1. Playwrights must be resident in Australia.
2. Play must not have been previously published or read in public.
3. Two copies of each entry must be submitted.
4. Entries are to be typed, double spaced, on only one side of each page.
5. Each entry must be accompanied by a completed official entry form.
6. Entries to be delivered to (and additional entry forms available from):
Playwrights' Award
The Australian Elizabethan Theatre Trust Adelaide
Committee Inc.
28 Fifth Avenue
St. Peters, S.A. 5069.
together with \$10 entry fee.
7. Closing date for entries is 31st May, 1985.

An entry form is available from the Editor.

STATE SUPERANNUATION BOARD ELECTIONS

Notices concerning the State Superannuation Board Elections are displayed on the "Campus News" Notice Board. The poll closes on 15 May at noon.

UNIVERSITY PLANNING: DEPARTMENTAL, SCHOOL, FACULTY AND UNIVERSITY-WIDE DISCUSSIONS

A message from the Vice-Chancellor

As foreshadowed at the first meeting of the Academic Senate for 1985, it is proposed during 1985 to explore the views of the academic community about the next stages of development of the University and to crystallise these views into more concrete planning, which will become the basis of our submissions to the Commonwealth Tertiary Education Commission concerning the triennium of 1988-90.

This memorandum is a general invitation to members of the academic community to participate in this activity to the maximum extent possible. In addition to proposals for the further development of particular faculties, which will come forward from Faculty Planning Committees and which should reach me by not later than the 30th June, I propose to make myself and/or Deputy Vice-Chancellors available for discussions with Departments, Schools, Faculties and/or groups with special interests, to explore particular developmental ideas.

As part of these discussions, tentative arrangements have been made for the Chairman of the Commonwealth Tertiary Education Commission, Mr. H. Hudson, to visit the University on Tuesday, 23rd April. Subject to confirmation of that visit, detailed arrangements for discussions with Mr. Hudson will be promulgated later.

Proposals for my involvement are set out below:

1. Monday, 22nd April, 12.30-2.00 - University Forum - Pentagon 1

A review of developments since 1980. The implications of the various developed initiatives begun in the University in this period will be discussed and some preliminary options for the future, depending on different levels of availability of resources, will be discussed. The forum will be open to the whole University community. Discussions will centre on options for development.

2. Department, School and Faculty discussions

Wednesday, 24 April (Discussions with individual
Monday, 29 April Departments, Schools or Fac-
Tuesday, 30 April ulties of approx. 1½-2 hours
Tuesday, 7 May duration, preferably between
Wednesday, 8 May noon and 6.00 p.m., to discuss
Thursday, 9 May issues of interest to those seek-
Wednesday, 15 May ing such discussions. Those in-
Thursday, 16 May terested should book an app-
ropriate time with my secretary
Ms H. Majer).

3. Tuesday, 25th June, 12.30-2.00 - University Forum - Pentagon 1

Review of development possibilities emerging from
earlier discussions and presentation of planning for
1988-90.

4. July - December 1985

Refinement of planning and processing through Uni-
versity committees and the University Council.

I hope members of the academic community will take
advantage of this process to involve themselves in the
shaping of the University's future development.

MIGRANT WORKERS IN THE ILLAWARRA

If there are any readers who need copies of papers or
material coming out of the above conference please
contact Ms. K. Stavrou, Migrant Liaison Project, c/-
South Coast Trades and Labour Council, 14 Station
St., Wollongong, ph. 273622.

ANNUAL GENERAL MEETING OF SPORTS BODY

The Annual General Meeting of the Sports Association
will be held on Thursday, 18th April, 1985 at 5.30 pm
in the Northern Lounge of the Union Building.

The Sports Association Annual Report will be pre-
sented as well as the election of Office Bearers and
discussion of General Business.

All students are encouraged to attend and participate
in the administration of your Sports Association.

UNION POSTCARDS

The Union has recently had a series of six drawings of
the Union Building and central campus area by local
artist Terry Houghton produced in postcard form by
the University Printery.

The cards will be on sale in the Union shop at a price of
30 cents each or \$1.50 per set of six.

AN IDENTITY FOR AUSTRALIAN SCIENCE AND TECHNOLOGY

A paper on the above topic by Dr. Peter Pockley of the
University of N.S.W. is available from the Editor.

UNIVERSITY OF WOLLONGONG

1975 - 1985

Distinguished Visitors

The Department of Geography is hosting the visit to
Wollongong of Professor W.R. Derrick Sewell.

Professor W.R. Derrick Sewell is an internationally-
known authority on the development of natural resources
and the management of the environment. Presently
Professor and Chairman of the Department of Geography
at the University of Victoria, British Columbia, he was
formerly on the faculty of the University of Chicago,
and previously was an economist with the Water Re-
sources Branch of the Canadian federal government. In
the latter capacity he was involved in the negotiation of
the Columbia River Treaty between Canada and the
United States. He has been an adviser to several inter-
national agencies, including the United Nations and the
World Bank, as well as the governments of numerous
countries.

Professor Sewell's work has focussed principally upon
policy with respect to water and energy resources and
the management of the environment. He has been par-
ticularly involved in research concerning hydro-electric
power, floods, urban water supply, water quality manage-
ment, renewable energy resources, energy conservation,
and offshore hydro-carbon resources. He has made im-
portant contributions with respect to the development
of techniques for the evaluation of projects, the role of
perceptions and attitudes in decision-making, and the
role of public policy in shaping scientific research
programs.

The author or co-author of some 25 books and more
than 150 articles in scholarly journals and the technical
press, Professor Sewell has received wide acclaim as
scholar and a researcher. Last year he was presented
with the Canadian Association of Geographers presti-
gious Award for Scholarly Distinction, 1981. He has been
invited as a Distinguished Professor at several universities
across the world. He was Chairman of the Academic
Advisory Panel of the Social Sciences and Humanities
Research Council of Canada in 1983-84.

Details about two seminars that Professor Derrick
Sewell will be giving on 11 April are set out in the
"Seminars" column.

ARTHUR JACOBS' VISIT

The distinguished critic, writer, translator, editor and
teacher, Professor Arthur Jacobs, will be visiting the
School of Creative Arts at the University of Wollongong
from 1-15 April. He has had many teaching posts through-
out the U.S.A. and U.K. and is, perhaps, best known as
Editor of the Penguin Dictionary of Music. The follow-
ing lectures are open to the public and are held in the
School of Creative Arts Auditorium.

Thursday 4th: Beethoven-Op III	8.30-10.30 a.m.
Peter Grimes by Britten	1.30-3.30 p.m.
Thursday 11th: Analysis v. Criticism	8.30-10.30 a.m.
Wagner's Operas	1.30-3.30 p.m.

UNIVERSITY OF WOLLONGONG

1975 - 1985

Seminars

Further details about the seminars are shown on the 'Campus News' noticeboard.

MATHEMATICS SEMINARS

Thursdays, 1.30 p.m., Room 204 Austin Keane Building

April 18

Dr. Chris Coleman,
Department of Mathematics, Wollongong University

May 2

Dr. Chris Coleman,
Department of Mathematics, University of Wollongong

May 23

Dr. Charles Ellen,
John Lysaghts Research Group, Port Kembla

May 30

Professor Nan Phan-Thien,
Department of Mechanical Engineering, Sydney Uni.

DEPARTMENT OF BIOLOGY

Room G25, Building 1 (Metallurgy Building)

Monday — 4-5.30 p.m. — 15th April, 1985

Professor F.C. Gibson, John Curtin School of Medical
Research, A.N.U.
"The Biochemical Genetics of ATP Synthesis in
Escherichia coli".

Monday — 4-5.30 p.m. — 22nd April, 1985

Professor E.O.P. Thompson, School of Biochemistry,
University of New South Wales.
"Amino Acid Sequences of Globin and their use in
Estimating Phylogenetic Divergence Points".

Monday — 4-5.30 p.m. — 29th April, 1985

Dr. K.Y. Cho, Department of Microbiology, Uni-
versity of Sydney.
"The Physiology of Mushroom Cultivation".

Monday — 4-5.30 p.m. — 6th May, 1985

Dr. E.J. Steel, Department of Biology, University of
Wollongong.

DEPARTMENT OF CHEMISTRY SEMINARS

All seminars are held in Building 18, Room 206.

Thursday, April 4, 12.30 p.m.

Professor D.A. Sweigart, Chemistry Department,
Brown University, Providence, R.I.
"Hydrogen bonding in Metalloprophyrin Reaction".

Friday, April 26, 12.30 p.m.

Dr. Stephen Pyne, Department of Chemistry,
University of Wollongong
"The Arachidonic Acid Cascade".

Friday, May 3, 12.30 p.m.

Dr. Michael Guilhaus, Department of Chemistry,
University of Wollongong
"Explorations of the Chemistry of gas phase ions
with a versatile mass spectrometer of reversed geo-
metry".

Convenor: Dr. P.G. Burton

DEPARTMENT OF GEOGRAPHY

Visiting Professor W.R. Derrick Sewell will deliver the following lectures on 11 April, 1985.

1. 10.30 - 11.30 a.m. Room 19/G06 Geography Department, Social Science Building
"Climate Variability and Change: Implications for the Research Agenda"

Increasing losses from severe weather events across the world, the impacts of acid rain, fears of effects of an increasing CO₂ content of the atmosphere, and other factors have given growing prominence to climate as a resource. They have also led to a call for a major increase in the research effort and for institutions more closely attuned to the management of atmospheric resources. This presentation examines these developments and offers suggestions for future actions.

2. 12.30 - 1.30 p.m. Room 19/G14 Geography Department, Social Science Building
"When Do Environmental Problems Become Strategic Political Issues?"

An exploration of the reasons why certain environmental questions receive attention while others are ignored. It examines several cases in detail, ranging from small, local issues to broad, global matters. A number of hypotheses which purport to explain variations in attention are offered.

DEPARTMENT OF ACCOUNTANCY AND LEGAL STUDIES

The following is a list of seminars to be held in room 19.2035 at 11.00 a.m. on the dates shown.

April 12

Jim Jackson, "Agency in Joint Ventures and Joint Operating Agreements"

May 10

Ferdinand Gul, "Public Perception of Auditor Independence"

May 24

John Ryan, "The Monetary Model".

June 7

Hai Yap Teoh - Topic to be advised.

FACULTY OF HUMANITIES SEMINAR

Readers are cordially invited to attend a lunch time seminar given by the Hon. Mal Bryce, Deputy Premier of Western Australia and Minister for Industrial Development, Small Business, Technology and Communication.

Mr. Bryce is visiting the University of Wollongong for Heritage Week and the Seminar will be held on Monday 15 April 1985 at 12.30 - 2.30 p.m.

Lunch will be provided.

Please RSVP to Mrs. Joan Hutchinson, on 3709 by Thursday 11 April, 1984. Numbers strictly limited.

DEPARTMENT OF COMPUTING SCIENCE SEMINARS

A Computational Theory of Higher Brain Function.

Dr. Leslie M. Goldschlager, Basser Department of Computer Science, University of Sydney.

Friday, 19th April, 1985 12.30 p.m. Skylab

Abstract: A model which captures some of the computational characteristics of the brain. The model involves a vast number of processes which operate asynchronously in parallel. Capabilities of creativity, consciousness, self and free will are explainable within the model.

* * *

Sparse Multidimensional Arrays is Sigma

M.P. Shepanski, Department of Computing Science, University of Wollongong

Friday, 12th April, 1985 12.30 p.m. Skylab

Abstract: Sigma (1) is a language for convenient manipulation of flexible arrays; flexible not only in their size, but also in their number of dimensions.

Previous Sigma implementations have represented arrays in the traditional way, by mapping each element onto a particular cell in a contiguous vector of storage. This has the disadvantage that every element must be stored, regardless of the amount of redundancy.

This seminar describes an attempt to reduce the storage requirement by taking advantage of the fact that many arrays used in real-world applications are largely full of zeroes. Although mathematicians have developed many ways to compress these so-called "sparse" arrays, their techniques are invariably limited to two-dimensional arrays, and then sometimes only to symmetrical ones. The technique here developed is an attempt to take advantage of sparsity in all the wide range of arrays which Sigma permits.

Letters

BROWN BLASTS "CAMPUS NEWS"

Dear Sir,

In Campus News of 29th March, you reprinted a letter of mine that had previously been published in "Nature". In an introduction to the letter you said I "questioned the "soothing" findings of R.P. Turco et al. who believes (sic) that the effects of nuclear war would not be all that bad."

My criticism was not of Turco et al. who first brought to public attention the possibility of a "nuclear winter" as an aftermath of nuclear war. In a general sense, it was a comment on those who later sought to correct and modify in fine detail, Turco et al.'s analysis. In particular it was a critical of such an exercise by Edward Teller. The editor of "Nature" managed to get it right because the letter was published under the heading "Cold Comfort for Teller".

Yours etc.
A.D. Brown
Department of Biology

Concerts, Exhibitions and Entertainment

WANTED - LOCAL PLAYS

The Illawarra Playrights' Association are looking for plays (about 20 to 60 minutes long) for a Season of Local Plays at Workshop Theatre in September 1985.

Please send manuscripts (with a stamped self-addressed envelope) to: Local Plays, P.O. Box 1, Wollongong East, 2500, by 1st May.

Enquiries phone Leigh 297307.

THE PLAY THAT ROCKED BRITAIN

18 - 20 April - "The Man They Could Not Buy" -

A play about Keir Hardy, the Scottish miner who became the founder of the British Labour Party. Touring Australia after a successful season in Britain.

Town Hall Booking office for tickets. \$5, \$3 concession.

BUDAPEST FOLK ENSEMBLE AT THE GALLERY

The Wollongong City Gallery will sparkle with the sound of Hungarian and Slavic folk music on Tuesday 9th April when Tambura (The Vujicsics folk ensemble from Budapest) open Musica Viva 1985 concert series.

Tambura consists of six outstanding musicians - all graduates of Budapest's prestigious "Bartok" and "Liszt" academies - who have cultivated and popularised the traditional music of the Southern Slavic nationalities, especially that of the Serbs and Croats living in Hungary. Many of the instruments used are very rare and highly unusual, including tamburas, sopile, pipes and hurdy-gurdy.

Tickets for the concert can be obtained in advanced from the University Union (tel. 297833) or Jurjens (tel. 292379). Tickets can also be purchased at the Gallery on the night of the concert which commences at 8.15 p.m.

Other concerts this year in Musica Viva's Gallery series are:

Wednesday 26th June: Leighton-Jones Byzantine Duo;
Friday 9th August: Tasmanian Symphony Chamber Players;
Thursday 12th September: Capital Brass;
Friday 18th October: The Song Company.

INTERNATIONAL YOUTH YEAR '85 CONCERT

Friday 12th April, 1985, Wollongong Town Hall, 8 p.m.

Featuring local talent:

- . Paul Stanhope, Organ (Organ by courtesy of Jurjens Pianos and Organs)
- . Michael Diaz, Tenor
- . Alexandra Stender, Violin
- . David Piper, Piano
- . Wollongong Conservatorium String Orchestra
- . St. Mary's College (Excerpts from 'The Mikado')
- . Yugoslav/Australia Zloboda Dancing Group

Tickets : \$7, \$4 concession, \$14 family - available from Jurjens Pianos and Organs (292379); University of Wollongong Union Office (297833) and Wollongong Town Hall.

SCHOOL OF CREATIVE ARTS

April Events:

Exhibitions - Long Gallery - University Entrance 4
April 22 - May 12 - Peter Shepherd 'More than a Portrait'
Drawings and Paintings

Concerts 8.30pm Music Centre University Entrance 4
April 26th - SCAW Ensemble Conductor Andrew Ford
- Shoenberg Serenade Opus 24
Shoenberg Nachtwandler/Kurt Weill.
Happy End.

Theatre	Drama Hut	University Entrance 4
April 11, 12, 13	- 8.15 pm	
Sunday 14	- 2.30 pm	
17, 18, 19	- 8.15 pm	'The Mandrake' by
Sunday 21	- 2.30 pm	Machiavelli. Directed
24, 25, 27	- 8.15 pm	by Bob Harper

Lectures open to Public

History of Art	Music Centre	University Entrance 4
	9.30 a.m. Mondays	
April 15	- Raoul Duffy and Brett Whitely: Two	
	Hedonists - John Eveleigh	
22	- Percy Grainger - Musical Excess -	
	John Wayne Dixon	
29	- Hedonism and Culture - Lisa Scott	
	Murphy.	

Fine Arts Theory Lectures	Music Centre	Uni Entrance 4
	8.30 a.m. Tuesdays	
April 2	- Style and Idea II. Prof. Edward Cowie	
9	- Style and Idea III. " " "	
16	- Criticism (open forum). " "	
23	- Inspiration I - Photography	
30	- Inspiration II - Photography	

Staff Changes and Movements

APPOINTMENTS - up to 29.3.85

Dr. I.A. Ansari, Research Associate, Elect/Comp. Eng.
Mr. C. Allport, Technical Officer, Civil/Mining Eng.
Mr. W.J. Bamberry, Research Assistant, Geology
Mr. R.A. Marshall, Technical Officer, Mechanical Eng.
Mr. S. Rodd, Technical Officer, Mechanical Engineering
Miss A.M. Kiceluk, Administrative Trainee, Academic
and Student Services
Mr. K.J. Booth, Administrative Assistant, Computer
Centre
Ms. K.L. Rogers, Professional Officer, Accountancy and
Legal Studies
Ms. L. Crooks, Research Assistant, Psychology
Mr. C. Si, Laboratory Assistant, Civil/Mining Engineering
Mr. B.A. Richardson, Teaching Fellow, Elect/Com. Eng.
Mr. N.B. Mason, Professional Officer, Mechanical Eng.
Mr. P. Gates, Technical Officer, Mechanical Engineering
Mrs. K. Priem, Secretary to Deputy University Secretary

DEPARTURES

Ms. S. Wyver, Research Assistant, Psychology
Mrs. U.A. Winkler, Library Assistant, Library
Mrs. S. Bodycott, Research Assistant, Psychology
Mr. J.Y. Tuulas, General Library Assistant, Library
Mrs. R. Natalenko, Professional Officer, Education

Job Vacancies

Details of the following positions are displayed on the Campus News Notice Board situated at 49 Northfields Avenue.

Wollongong	Deputy Vice-Chancellor (Academic and Research)
United Nations	Various Posts
ANU	Research Posts in Water Quality Modelling, Modern Japanese History, Human Geography, Ultraviolet Physics Lecturer in Political Science Snr. Lecturer in Accounting Snr. Lecturer/Lecturer in Law Professorial Fellow in Plant Hormone Research Chair in Environmental Biology
Macquarie	Lecturer in Computing Research Assistant to the Education Committee
Newcastle	Lecturer/Snr. Lecturer in Chemical Engineering Lecturer in Sociology
Flinders	Professorial Fellow in Transport Policy
Adelaide	Snr. Programmer (Analyst) Systems Programmer Buildings and Estate Officer Administrative Officer (2 posts) Postdoctoral Fellow in Molecular Biology

Scholarships and Prizes

Details of the scholarships and prizes below are displayed on the Campus News Notice Board situated at 49 Northfields Avenue. Application forms are available from the Student Enquiries Office.

CSIRO	Postdoctoral Fellowships - 65-3-3 refers
ANZAAS	Esso Energy Award - \$5,000

Advertisements

Advertisements in "Campus News" are repeated each week until withdrawn, OR, until new advertisements push the old ones off the end of the column, whichever occurs first.

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