

# THE UNIVERSITY OF WOLLONGONG CAMPUS NEWS

VOL. 8 NO. 5

A NEWSLETTER FOR STAFF AND STUDENTS

APRIL 16, 1982

## HILL'S ASIAN COUP

**PROFESSOR Stephen Hill, chairman of the sociology department, has returned from Manila, having achieved one of his greatest goals.**

For nine days, from March 22-30, Prof. Hill was technical advisor to UNESCO's huge *Castasia II* conference on applied science and technology for the Asian region.

More importantly, though, his final report for the conference, *Castasia II*, was accepted by all 23 national delegations.

While it could be said that through adopting Prof. Hill's paper, the major thrust of Asia's scientific and technological development over the next decade was mapped out here at the University of Wollongong, most countries had realised already the need for change.

In other words, the timing of Prof. Hill's paper, the timing of the conference and the individual governments' changing emphasis on such development was excellent.

Prof. Hill said a number of governments, when first told of the conference, said they were not interested in attending if it was a carbon copy of *Castasia I*, held almost 14 years ago.

Since then, most countries in the region have realised there is little point in having development for development's sake. Most now realise the need to integrate that development with the peoples' social and economic needs.

The so-called Green Revolution has created as many headaches as it tried to initially cure.

"All delegates who spoke eventually referred to *Castasia II*, and that reflected the tone of the whole meeting," Prof. Hill said.

"Most governments seem keen to see development fitting into their local economies to bring about a more equitable distribution of wealth, rather than skewing those economies in favour of the wealthy."

Prof. Hill said many Asian countries had introduced technological change without first considering its impact on local communities.

Many projects failed, either because the equipment being introduced could not work with the available raw materials, or because they had devastating effects on employment opportunities further down the line.

For instance, one tractor introduced into a traditional farming community could lead to a dozen workers being made redundant.



Prof. Hill

Then, as though to add salt to the wound, no-one would be able to repair it if the machine broke down.

"Many Asian governments have realised that absolute poverty within their borders is a far more pressing priority for future social and political stability," Prof. Hill said.

One key proposal to emerge from the conference was the establishment of roving seminars to investigate scientific and technological problems. The Soviet Union, the Philippines and Australia all showed keen interest in helping in that regard.

Another proposal was for better exchange of information and manpower throughout the region. Already, New Zealand has taken something of a lead through helping the Philippines with thermal power generation problems.

Prof. Hill said the Chinese delegation presented some of the strongest arguments during the conference, and has taken his paper back to China for further reference.

Perhaps of all developing Asian countries, China has embarked on the most integrated development path, linking city, farming and provincial development together to bring out the best aspects of each community.

## Cleaning agreement

THE university has approved a new cleaning agreement after talks with the Miscellaneous Workers Union.

The negotiations were complicated by the pending federation with the Institute of Education.

The agreement now includes arrangements for both institutions, and will operate for the next 12 months.

The new arrangement requires that

substantial areas in the university and the institute will be covered by carpet tiles.

This means the University will have an initial capital outlay in laying the carpets, but it is expected there will be long-term savings because of the different cleaning requirements for carpets.

In fact, the cost of carpeting is expected to be recovered by a reduction in cleaning costs in about 1½ years.

# Graduation day

**THERE** are a number of surprises among the 347 students graduating from the Institute of Education on April 23.

For starters, this group includes the institute's first degree graduates.

There also will be a relatively high number of graduates awarded with distinction -- 28 in the various courses.

Two of those graduates with distinction will be a brother and sister team, Rosemary and Robert Neal, graduating with Bachelor of Education (Physical and Health Education) degrees.

A husband and wife team, Genny and David Sivell, also will graduate together with Graduate Diplomas in Education Studies (Environmental Education).

# Connor's career

**THE** university's history society will hold a one-day seminar on the life and political career of the late Rex Connor.

The conference will be held on Saturday, July 24, in the Union Hall.

A fee will be charged for registration, lunch and refreshments, but it will be determined by the number of people who indicate their willingness to attend.

Papers will be presented on the following aspects of Mr Connor's career: how he represented the Wollongong area; his relationship with the NSW Labor Party; his contribution to the Clean Air Act 1961 and other environmental legislation; his minerals and energy policy; the "Loans Affair" and his dismissal; and his relationship with the Australian media.

Speakers will include:

- Sir Lenox Hewitt, Secretary, Australian

# Monash mention

**Emeritus Professor Donald Cocrane**, founding dean of economics and politics at Monash University, has received the honorary degree of doctor of economics at a graduation ceremony at Monash.

**Professor Cocrane**, joint author of the recent report into the financial assets of Victoria's statutory authorities and public

Two other students, Broderick Crighton and Christine Kearton, who will graduate with Diplomas in Teaching (Primary), were married several weeks ago on the institute's lawns.

Professor Hughs, Professor of Education at the University of Tasmania, Hobart, will give the occasional address at the ceremony, to be held at Wollongong Town Hall at 10.30 a.m.

The students will be graduating in: Diploma in Teaching (Primary); Graduate Diploma in Education (Primary); Diploma in Teaching (Secondary), Mathematics, English/History; Bachelor of Education (Physical and Health Education); Diploma in Teaching (Physical Education); Graduate Diploma in Education Studies (Environmental Education); Graduate Diploma in Secondary Mathematics Education; and Diploma in Health and Physical Education.

Department of Minerals and Energy, 1972-1975; director, East Australia Pipeline Corp., 1973-1975; acting chairman, Petroleum and Minerals Authority, 1974-1975.

• Michael Sexton, senior lecturer in law, University of NSW, author of *Illusions of Power* and *War for the Asking*.

• Professor Ken Turner, head of the department of government and public administration, University of Sydney, author of *House of Review* and compiler of *A Guide to Records of the NSW Branch of the Australian Labor Party, 1956-1969*.

The general public is invited to attend and contribute to the conference.

Discussion sessions will follow each paper during which questions and comments will be welcomed from the audience.

If you wish to hear about Mr Connor's career, or, more importantly, if you can throw any light on his career, the history society will welcome your attendance and contributions.

bodies, occupied the deanship at Monash from 1961 - the year the university opened - until his retirement for health reasons at the end of last year.

More than 300 graduates in the faculty of economics and politics received their degrees from the Deputy Chancellor, Dr J.E. Isaac, at the ceremony.

# Student introduction

**YEAR 12** high school students who will be sitting for the Higher School Certificate will be given a day's introduction to university life.

The day, on Friday, June 4, will be divided into five sessions, with each session having different segments covering the various departments on the combined campus.

While similar days have been conducted in past years, this is the first one which will include activities from the Institute of Education.

An organiser of the introduction day, Mr Tom Moore, said 600 HSC students attended last year's day, some travelling from as far afield as Canberra.

While the various departments conducting the segments will not hold formal lectures, there will be open seminars, video displays, films and tours of the campus.

"It will be up to the various departments to organise those demonstrations," Mr Moore said.

The day also will cater for increasing numbers of daytime matriculation students who passed the HSC at technical colleges last year.

Mr Moore said the university's administration already had written to schools throughout the Illawarra, telling them of the day.



Tom Moore



# CAMPUS CHOIR

**MOVES** are well underway to form a combined campus choir.

The University Choir, as it will be called, is open without audition to all interested staff members and students from the university and the institute.

The campus music development officer, Mr David Vance, says the choir will be autonomous from the University Singers, largely because the latter is devoted to the repertoire of choral chamber music, while the University Choir will be able to handle larger-scale works.

However, both groups are certain to combine for specific works whenever necessary.

Rehearsals have begun already at the institute's Music Auditorium, and are being held on Wednesdays, from 12.30 - 1.30 pm.

Mr Vance will be the initial conductor, and he will be working closely with institute lecturer, Mr Keith Baxter.

"I envisage the choir playing an important role here on campus, both for ceremonial and entertainment purposes," Mr Vance says.

"I also believe the choir will bring together singers and musicians on campus and in the community, and will contribute to the cultural life of the Illawarra."

The University Choir will perform at the institute's graduation ceremony later this month.

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## PHILOSOPHY MOTION

**THE following motion was passed at last year's Conference of the Australian Association of Philosophy.**

"That a committee be established to investigate the special problems concerning women in the philosophy profession and to formulate policy proposals to be presented to the Association no later than at the next annual general meeting with advance circulation.

"In preparing the report the committee should call for submissions from any interested groups or individuals within the A.A.P., and take account of proposals being developed by other relevant bodies."

The Philosophy Department Committee would be glad to hear from anyone who would like to make a submission on this topic.

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# Diggers' Darling

**DIGGERS' Darling**, the second play of Theatre South's 1982 season is, in every sense, a product of the Illawarra.

Written by Michael Smart, a teacher at Oak Flats High School, the play traces the struggle of another Wollongong man, Evelyn Owen, to have his invention, the Owen sub-machine gun, accepted by the Australian Army.

The part of Owen will be played by well-known Wollongong actor, Geoff Morrell.

Morrell began his acting career as a student at the University of Wollongong, and has been a member of Theatre South's acting company since 1980.

He will be remembered by Wollongong audiences for his performances in *The Con Man* (Dave), *Travelling North* (the kind-hearted neighbour, Freddy who built the barbeque), *Might as well Talk to Yourself* (the supercilious waiter and other roles) and, this year, *We Can't Pay? We Won't Pay!* (the politzioto who looks like the carabinieri, who looks like the undertaker, who looks like Papa).

Apart from his many highly-acclaimed comedy roles with Theatre South, Morell is a director in his own right. He has directed and acted in two productions for Eureka Theatre Company: *Palach* and *The Empire Builders*.

Wartime Australia forms the backdrop to Smart's play.

The scenes move from the Owen home in Wollongong to Lysaght's Port Kembla factory where the gun was manufactured, to the Australian Army camps where the gun was used.



Part of the story unfolds through the sometimes serious, sometimes comic sketches and songs of a concert party, touring the Army camps.

More than the story of a gun, *Diggers' Darling* is the story of Evelyn Owen himself - a patriotic young inventor who had an idea he knew his country could use, but who was used by the country he loved.

In the course of the play, Owen changes from the naive young man bent on saving his countrymen to the disillusioned man who died at the age of 33 alone and in poverty.

*Diggers' Darling* opens at the Technical College Theatre, Lysaght Street, North Wollongong, on June 4, playing till June 26.

Bookings can be made by phoning Theatre South on 282.923 or within the University, on extension 923.

## friends

**THE Friends of the University have collected more than \$2,700 from members in their quest to support Theatre South's coming play, *The Diggers' Darling*.**

The spokesman for the Friends, Mr Giles Pickford, says the organisation hopes to raise \$3,000 for the project.

While the Friends have almost reached their target, only 51 of the 220 members have dipped into their pockets.

Perhaps, Mr Pickford says, some of the others also could part with a few dollars ...



AWRIGHT, WOODBINE, COME IN - AND WHAT LAME  
EXCUSE DO YOU HAVE FOR MISSING OUT ON YOUR  
PERSONAL FITNESS PROGRAMME THIS WEEK?!"

# STEEL SLUMP

**THE steel industry slump, currently affecting the Illawarra, is due to prevailing market conditions...**

This was one conclusion drawn from the recent seminar on industrial change and employment prospects in the Illawarra, held at the university.

A spokesman for the Friends of the University, Mr Giles Pickford, said the seminar -- convened by the general manager of Metal Manufacturers Pty Ltd, and chairman of the Friends' Project Committee, Mr Malcolm Booth -- discussed the Johnston-Rutnam report on technological change and employment in the Illawarra.

A broad cross section of Friends attended the Saturday program, and they included leaders of industry, commerce, unions, tourism and other industry bodies.

Mr Pickford says the seminar also revealed another disturbing aspect of the downturn: that with the introduction of new technology and labour saving devices, there is a good chance there will be no real improvement in employment if and when the economy improves.

"This presents grave problems to the city of Wollongong," Mr Pickford says.

"People are going to have to learn to work together.

"We're all in the same boat ... and it's sinking."

## LOANS

**THE interest rate on University Staff Members Housing Scheme loans has been reviewed in the light of the rise in the general housing loan interest rate.**

From March 29, the following rates will apply to staff members holding these loans:

. Loans approved before February 15, 1979 -- 13.25 per cent a year interest charged on the loan account with a full set-off allowed in the working account, up to but not exceeding the debt on any one day, and

. Loans approved after February 15, 1979, 13.25 per cent a year interest charged on the loan account, and 12.25 per cent a year allowed on the working account, up to but not exceeding the debt on any one day.

For further details, contact the bursar.

## SOCIOLOGY DEPARTMENT

### Seminar program for session I.

Seminars are held on Thursdays at 12.45 pm in Room 19.2103. All staff, students and public are welcome.

April 8 - Prof Stephen Hill, Sociology Department. *Technology as the Force Behind Underdevelopment.*

April 22 - Dr Andrew Hopkins, School of Sociology, University of NSW. *Marxian Functionalist Explanation.*

April 29 - Seminar presented with the Department of History and Philosophy of Science. Dr David Knight, Department of Management Sciences, University of Manchester Institute of Science and Technology. *Industrial Relations and Power in Organisations: Practice and Progress.*

May 6 - Ms Glyn Huilgol, Visitor to the School of Social Sciences, Flinders University. *Engels, Anthropology and History: Transformations in Domestic Life and the Rise of the State in 16th Century Europe.*

May 27 - Ms Frances Lovejoy, School of Sociology, University of NSW, and Ms Eve Barboza, Psychology Department, Macquarie University. *Sexual Harrassment: Feminists and Female Workers.*

June 10 - Mr Russell Keat, Philosophy Department, University of Lancaster, Visiting Fellow, Humanities Research Centre, ANU. *Habermass, Freud and the Critique of Positivism.*

## GRIMWADE PRIZE

**APPLICATIONS are being invited for the Grimwade Prize in Industrial Chemistry.**

Graduates from any university in the British Commonwealth, undergraduates of the University of Melbourne or anyone who has spent no less than three study terms in a University of Melbourne laboratory, may apply.

The University of Melbourne's registrar, Mr J.B. Potter, says candidates should submit an original thesis embodying the results of an investigation pursued by them in Victoria within the past five years in connection with some branch of industrial chemistry.

Mr Potter says examiners will take into account scientific ability, originality and chemical knowledge displayed by candidates.

They also will review the importance of the work with respect to its bearing on any branch of industrial chemistry, such as metallurgy, pharmacy, agriculture or the manufacture of chemical products.

The value of next year's prize has been set at about \$1,580.

Application forms are available from Mr Potter, the University of Monash, Parkville, Victoria, 3052.

They should be submitted no later than March 1 next year.

# Families facing strain

**STRAINS on family life, and the adaptability of the family to social challenges are to be examined in a national public seminar in Canberra next month.**

The seminar has been organised by the Australian Family Association, and will be held at the Australian National University's Ursula College on Saturday May 1.

The keynote address will be given by Professor Lauchlan Chipman who is jointly Visiting Professor of Jurisprudence at the University of Sydney, and Professor of Philosophy at this University.

Professor Chipman will examine the idea that the family is the "basic social unit" in society, and try to develop a social philosophy which gives greater importance to strengthening family life.

Mr Jim Cameron MP will examine relations between the family and the State, while Mr Eric Ristrom will consider the problems for family life posed by present policies.

The effects of wider acceptability of permissiveness on family life will be the subject of an address by the Rev Fred Nile MLC.

Psychologist, Dr Clair Isbister, will conduct workshops on the various issues raised.

The seminar is open to all members of the public and the media.

For further information contact: Organisation: (062) 888399. A.H. (062) 812677. Keynote address (Professor Chipman): (02) 2325944 ext. 4 or (042) 282488. A.H. (042) 292502 or (02) 5194651.

## FRENCH PRIZE

THE Australian Vice-Chancellors' Committee has been told that, as in past years, the Andre Lichtwitz prize for research will be awarded this year by the French National Institute of Health and Medical Research. The prize of Fr10,000 will be awarded for outstanding research on calcium and phosphorus metabolism, either in the field of clinical or experimental biology, or in the field of basic science.

# ROBOTS

**TWO new staff members in the electrical engineering department, Dr Chris Cook and Dr Andy Russell, will play an important part in the coming ANZAAS Congress, to be held at Macquarie University next month.**

Dr Cook's specialty is control systems, predominantly robotics, while Dr Russell specialises in artificial intelligence.

For the first time at an ANZAAS congress (this will be the 52nd), an entire strand will be devoted to robotics - and Dr Cook will deliver a paper on the subject.

Dr Cook completed his PhD here at Wollongong, and has spent the past few years working in Britain and Australia for GEC. His specialty was aero-space design work.



Dr Russell, on the other hand, completed his PhD at Liverpool University in Britain and was a lecturer in Edinburgh University's department of artificial intelligence.

Both men, who have been on the combined campus for two months, will be working together on several projects.

Dr Russell is particularly interested in building a robot vehicle for investigative purposes, and both men are keen to work on developing simple vision systems and tactile sensing devices for robots.

## VISITING PROFESSOR

**THE electrical engineering department is arranging to bring the chairman of the coming ANZAAS Conference, Professor M.W. Thring, to our combined campus for a public lecture on May 18.**

Prof Thring, professor of mechanical engineering at the University of London,

will talk on the effects of technological change on society.

Widely known and quoted throughout Britain on technological development and its effects, he is also an expert on robotics.

Although details of Prof Thring's visit are still sketchy, Campus News will carry more information as it comes to hand.

# Our 'Golden Oldies'

**A SMALL snippet which appeared in the latest issue of The Australian National University's journal, the ANU Reporter, asks the following question:**

"Have you heard that students at Wollongong University are more precocious than those at ANU?"

The Reporter claims the reason is simple. At Wollongong, our students mature at 21, but at ANU the age is 25, it says.

The article then goes on to try and define maturity in students. It also says that one of the more debated subjects during ANU's orientation week proceedings was whether a student of 25 was "necessarily mature".

An orientation program designed for mature-age students, arranged by Mr Geoffrey Mortimore, of the ANU's Counselling Centre, also ran a competition for alternative titles for mature-age students.

Some of the gems reported were:

- . Golden Oldies
- . RUSTIES (Returning university students trying to investigate education and self)
- . SLUGS (Students Learning Under Great Stress)
- . LLL (Late Learners League). The League's motto is 'The survival of the persistent'.
- . Stewed Students
- . Old-enough-to-know-better-age students
- . Crumblies
- . Organisation for Older Starting Uni (OOPS Uni)
- . Late Achievers' Group (LAG)

One entry, which refers perhaps to the number of academic and general staff enrolled this year is Older Academics Furthering Studies (OAFS).

An entry by a group of fine arts students - Delayed Action Group (DAG) was awarded a prize of a bottle of fine wine.

There are many among us who believe mature-age students are like good red wines - the older the better.





Items for "Take Note" should be forwarded to the Public Relations Unit, Ground Floor, Administration Building, Ext. 962.

## MISCELLANEOUS

### CHANGE OF NAME

I have changed my name from Sharat Kumar to SHARAT KUMAR ARORA with effect from March 25. I have added my real surname, ARORA, which I did not use before.

Sharat Kumar Arora (Library)

### OVERSEAS TECHNICAL TRAINEESHIPS AND WORK EXPERIENCE

THE following traineeships are on offer to students in the fields indicated, who have completed at least three years' full-time study. Successful applicants pay own return fares. Further details and application forms, PO Box 28, Parkville, Vic 3052 (telephone 03 3474644).

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UK (London): Civil engineering, major firm of consultants offering to broaden expertise and knowledge of civil/structural engineering. Eight weeks, 60 a week.

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SOUTH AFRICA (Joh' burg or Vaal Triangle): All engineering disciplines, chemistry, accounting and administration, public utility. Six - 12 weeks, R20-25 a day.

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NETHERLANDS (Eindhoven): Advanced student (final year) in electrical engineering, specialising in electronics, major manufacturer, R & D work. Three - five months. Dfl 825 net a month.

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FRANCE (Paris): Mechanics-metals, metallurgy, or chemistry (plastic, corrosion, paint), or electronics, automation, computer science, applied mathematics, physics. Must have good knowledge of French. Major automotive manufacturer. Work involves detailed investigation of technical field with responsible engineers and specialised department. Twelve - 24 weeks. Fr3,500 a month net.

Campus News is published by the Public Relations Unit, Ground Floor, Administration Building, Ext. 962.

FROM April 1, the NSW Teachers Credit Union Ltd is paying:

- 11 per cent a year on ordinary savings accounts,
- 12 per cent a year on daily balances on 30 day Notice of Withdrawal Account (Minimum deposit \$200),
- 13.5 per cent a year on 3 month term. Minimum deposit \$1,000, and then in multiples of \$1,000,
- 14 per cent a year on 6 month term. Minimum deposit \$5,000, and
- 15 per cent a year on 6 month term. Minimum deposit \$10,000.

From April 1, the interest rate charged on all loans also will be 15.6 per cent a year monthly reducible. That's only about 8 per cent per annum flat. This rate has previously only applied to those loans taken since July 1, last year.

### ISBN/ISSN REQUIREMENTS

STAFF members are reminded that each university publication consisting of five or more pages should be assigned an International Standard Book Number (ISBN) before going to the printer.

International Standard Serial Numbers (ISSN) are also available for serial publications.

The National Library of Australia has provided the university with a series of numbers allocated to an ISBN prefix. Staff members who are preparing publications should contact Kati Doolan, Student Placement and Public Relations (ext. 962) and supply the details of each publication so an ISBN/ISSN may be allocated.

The failure in the past to allocate ISBN's for some publications has caused the National Library some concern.

Staff co-operation in this matter would be appreciated.

### TRAVEL GRANT

A TRUST Fund has been established in memory of the late Lillian Roxon, a noted Australian journalist. The trustees invite applications for a grant to be awarded for next year, to a suitable person engaged in research in the field of bronchial asthma. The grant, valued at \$2,000, is available to help the grantee to travel overseas to continue medical or scientific research or present a research communication at a recognised international conference. Application forms and conditions available from:

Wollongong and Sydney newspapers and magazines are now available from the Union Shop.

Staff and students are also reminded of the Higher Education supplements in Wednesday's edition of The Australian and in The National Times.

The Trustees, Lillian Roxon Memorial Asthma Research Trust, C/- The Asthma Foundation of Victoria, 2 Highfield Grove, Kew, 3101. Applications close on May 31.

### FRENCH HELP

THE French Government is offering a number of awards to Australian teachers of French, or final year students who propose teaching French in future, who wish to take up positions as "assistant" in French high schools for eight months from October 1 next year. Benefits include living allowance of about Fr3,000 a month, help with accommodation and medical expenses. However, travel to and from France is not included.

Teachers employed on a permanent basis with a State Education Department or with the ACT Schools Authority should apply direct to their employer. Other prospective applicants may obtain further information and application forms from: The secretary, Department of Education, (French Government Assistantships), PO Box 826, WODEN, ACT, 2606.

### JAPANESE RESEARCH

KANSAI University, Japan, is interested in developing an international research program involving an exchange of scholars with Australian universities, perhaps leading to a student exchange program. Interested universities should write to Professor Akira Ishikawa, Assistant Vice-President and Professor of Psychology, Kansai University, 3-35, 3-Chome Yamate-Cho, Suita-City, Osaka, 564, Japan.

TELECOM technicians have been busy in some parts of the university changing extensions and adding new ones.

The administration block did not escape unscathed.

As a result, the campus journalist, Peter Heininger, now has a new extension number, 928.

IDENTIFICATION cards are now available for distribution to students. Signs have been placed around campus to let students know they are now ready. Sharon has them on the front desk of Student Enquiries, Ground Floor, Administration Building.