



THE UNIVERSITY OF WOLLONGONG

CAMPUS NEWS

A WEEKLY INFORMATION SHEET

29 APRIL, 1983

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Distributed each Friday.

Editor: Giles Pickford, tel. (042) 282428.

News Flashes

WOLLONGONG GETS ITS FIRST FULBRIGHT

Theodore Garland Jr., Ph.D., of the University of California, Irvine Campus, is the first postgraduate student to choose to spend his time under the Fulbright Scheme at the University of Wollongong. Dr. Garland was attracted here by the work going on in our Department of Biology; specifically the evolution of high body temperature which is one of the main interests of Dr. Tony Hulbert.

Dr. Garland says:

"My research interests concern the selective factors involved in the reptile-mammal transition. I propose to test the hypothesis that mammals in the wild maintain levels of activity that could not be maintained by lizards, and that these differences in activity levels have a metabolic basis. Considerable data are available on mammalian activity patterns, but there are few comparable data on lizards. Varanid lizards are active, predatory animals that are often considered as modern analogs of advanced mammal-like reptiles. Varanids possess a high (relative to other lizards) capacity for aerobically-supported activity and some are large enough that their metabolic rate during activity may afford some degree of endothermy. Studies of varanid behaviour, performance, and physiology may therefore allow insight into the abilities that were favoured during the evolution of endothermy."

"I propose to study varanid lizards in Australia, where they are abundant and reach their greatest diversity. Direct observation of marked individuals (perhaps with the aid of radio-telemetry) will allow quantification of activity periods, daily movement distances, and foraging speeds. Animals will then be captured and returned to a laboratory where locomotory performance (burst speed, endurance, maximal activity capacity) and resting and maximal rates of oxygen consumption will be measured. The metabolic basis for the high aerobic capacity of varanids will be investigated by measuring maximal activities of several enzymes (cytochrome oxidase, citrate synthase, LDH). Varanids will be compared with other Australian lizards of similar size but different ecological strategies (e.g., large, herbivorous *Amphibolurus* or omnivorous *Trachydosaurus*). These lizard data will be compared with existing data on mammals in order to elucidate the role that performance abilities play in limiting behaviour under natural conditions, as well as the limitations that metabolic capacities place on locomotory performance."

Dr. Garland will arrive here in August, 1983, and will stay for a year.

OPEN DAY PLANS UNVEILED

Last year Radio 2WL's Expo attracted some 25,000 - 30,000 people to the campus. Senate and Board have now agreed that the University should take advantage of this opportunity to conduct University Open Day at the same time, and plans are now being made to this end.

Open Day/Expo will occur at the following times:

Saturday, 22nd October - Noon to 10.00 p.m.

Sunday, 23rd October - 10.00 a.m. to 6.00 p.m.

The Friends of the University will conduct the Town v. Gown Cricket Match on Sunday and the Women Graduates Association in collaboration with the Friends will conduct a book fair over both days.

The following outside bodies have been invited to conduct displays:

Illawarra Vintage Car Club
Illawarra Planetarium Society
Illawarra Ethnic Communities Council
Rhee Tae Kwon Do Academy

The Union will be involved in service to the public during the weekend and Kids Uni has been invited to serve as well.

The Working Party on Open Day is chaired by Assoc. Professor Noel Kennon and it includes the following representatives:

Mr. Robin Horne - Sociology
Mrs. Joan Phillips - Library
Mr. Giles Pickford (Secretary)
Mr. David Stamp - Institute
Mr. John Steinke - Economics
Mr. Gary Stonehouse - Institute

Mr. Geoff Williams of the Union and Mr. Mark Spurway of Radio 2WL have been co-opted.

The Working Party has asked all Departments, Schools and Centres (including Administration) to think about the kinds of activities they would like to put on for Open Day. There will be an opportunity for these ideas to be put forward by departmental nominees that the next meeting of the Working Party on University Open Day which will be held on Tuesday, 10th May, 1983 at 9.00 a.m. in the Council Room.

General Notices

LOVEDAY ELECTED TO STANDARDS ASSOCIATION INQUIRY

Peter Loveday of the Department of Civil and Mining Engineering has been elected to three committees of the Standards Association of Australia. The Committees will produce three new Australian standards in the areas of parking and traffic, management of bicycles, car parks and heavy goods vehicles.

JOHNSTON ELECTED TO LOCAL BOARD

Ron Johnston, Professor of HPS, has been appointed to the recently reconstituted Illawarra Industry Development Board. Professor Johnston's appointment follows recent studies of the impact of technology on employment in the Illawarra region, and the technological capability of NSW manufacturing industry.

NUCLEAR DISARMAMENT

All interested persons are cordially invited to attend this lecture.

Venue: Union Hall
Date Tuesday, 3 May, at 7.30 p.m.

The University Catholic Society has invited Mr. Chris Sidoti of the Catholic Commission for Justice and Peace to give a talk and lead discussion on the problems Christians face in regard to moral dilemmas of today, for example Nuclear Disarmament.

The priority areas for the work of the Commission are:

1. Human rights in the Asia-Pacific region
2. Human rights in Australia
3. Aspects of militarisation
4. Models of Church and models of social action
5. Outreach and public education.

Questions arising from the arms race and the threat of nuclear war occupies a large part of the Commission's time. The Commission spends considerable time studying and discussing these questions.

The Commission has developed an agreed basis for policy. The policy was released at the end of 1981 to coincide with the observance of the World Day of Peace at the request of the Pope. The policy was reported on extensively in the media and has been the subject of considerable interest both inside and outside the Church.

The Commission also approved for publication an update of its 1973 discussion booklet, *Peace is Possible*. The new booklet, "The Path of Peace", is a reflection arising from the address of Pope John Paul II at Hiroshima early in 1981. It was published in March, 1982.

Chris Sidoti, B.A., LL.B., has worked for the Commission for four years, first as Associate Secretary and, since March 1983, as National Secretary. He has been involved for many years in community organisations, serving as President of the Youth Affairs Council of Australia (1980-81) and Deputy President of the Australian Council of Social Service (1981-). He is married, has two children and lives in Sydney.

UNION BOARD ELECTIONS

The result of the election to fill 3 casual vacancies on the Board of Management was as follows:

Munive, Joseli	199
Wood, Peter	94
Murray, Stuart	42
Armstrong, Scott	125
Beale, Donald	122

Accordingly, the following members will be on the Board of Management:

1. Joe Munive to September 1984
2. Scott Armstrong to September 1983
3. Donald Beale to September 1983

IRIS AND CORE

The importance and value of the Illawarra Regional Information Service (IRIS) has been recognised by the inclusion of its chairman on the newly formed Illawarra Corporation for Redevelopment and Employment (CORE), which has been formed to put some thrust into local efforts to preserve and create employment.

CORE has commenced using research and statistical information provided by IRIS both to entice new development to the region, and to convince Federal and State Government that practical assistance is required.

Further information about CORE can be obtained from IRIS (John McKenna phone 294777) or from CORE (Michael Gross phone 299111 ext. 349).

INTER-LIBRARY LOANS

The University of Newcastle recently completed a preliminary survey of the response times for inter-library loans. The survey found that in 1980 approximately 30% of requests were satisfied within 10 days of notification and that 80% of requests were received within 21 days. These figures related only to university libraries in N.S.W.

During 1982, the average time which elapsed between a request being made and the receipt of the item was considerably reduced. 60% of all requests were satisfied within 10 days and 90% within 21 days. Of the five universities in N.S.W., from whom the University of Newcastle received loans, the University of Wollongong had the best record of supply. 95% of all requests were satisfied within 10 days and the remaining requests were sent within 14 days.

The survey also looked at response times from other Australian university libraries during 1982. Although some libraries were slow to respond to inter-library loan requests, most were able to supply requests within 21 days. On a national comparison, the University of Wollongong had one of the best records of loan supply.

LIBRARY PHOTOCOPYING MACHINES

At the beginning of the year, vandalism of photocopying machines necessitated the removal of key operated machines from the Library. Arrangements have now been made to locate a key operated machine on the ground floor. The machine is situated near the circulation desk close to the photocopying room.

Research Grants

CENTRES OF RESEARCH CONCENTRATION

Senate has now endorsed the proposal of the Research Grants Committee to seek applications for up to two centres of research concentration. Application forms are available from the Secretary of the Research Grants Committee (Ben Meek), and applications will close on Friday, 13th May, 1983.

NERDCC GRANTS

NERDCC Application forms available from Secretary Research Grants Committee (Ben Meek) for Support Grants 1983. Closing date 10.6.83.

NATIONAL HEART GRANTS

NATIONAL HEART FOUNDATION Application forms and other information available from Secretary Research Grants Committee for Fellowships, Scholarships and Grants for Research. Closing date 31.5.83.

DEPARTMENT OF PHILOSOPHY RESEARCH REPORT

The Department is pursuing research in the following areas:

- (i) Political obligation:
Dr. Harry Beran continued work on a book in which he tries to show what form a liberal theory of political obligation and authority has to take. The central claim of the book is that, within liberal theory, the individual consent of the governed is necessary for the existence of an authority relation between government and citizens. He also continued to develop a liberal normative theory regarding the unity of the state. This research has a direct bearing on the logic of separatist and secessionist arguments.

- (ii) Applied Aesthetics:
Dr. Harry Beran aims to develop a typology of designs of lime spatulas from the Massim culture area of Papua-New Guinea. Lime spatulas were used in betel chewing and carved in a great variety of socially significant designs. Though no longer made (except as degenerate 'airport' art), thousands of genuine specimens exist in public and private collections. They constitute one of the finest bodies of tribal art.

An exhibition of Massim-New Guinea artifacts curated by Dr. Beran for Wollongong City Gallery toured the eastern States of Australia and was shown at the Australian Museum in Sydney and at Monash University.

- (iii) Extra-legal Rights:
Professor Lauchlan Chipman is examining the theory that humans (and possibly 'higher' animals) have rights which are not the creatures of a legal system. This idea was once popular as the doctrine of 'natural' rights however natural rights theories fell into abeyance after sustained attacks from 'conservative' thinkers (David Hume, Edmund Burke), 'radicals' (Jeremy Bentham) and Marx and the Marxists. Professor Chipman is concerned with the question of whether contemporary appeals to 'human rights' (which are implicit in

the creation by the Commonwealth of the Australian Human Rights Commission) are - however useful in political rhetoric - really vulnerable to the same sorts of intellectual objections which many commentators believe refuted the old doctrine of natural rights.

- (iv) Existence:
Professor Lauchlan Chipman is continuing his work in ontology (the general theory of being or of what can exist) and philosophical logic, with respect to his thesis that there really are things which do not exist and that, moreover, the truth of this claim does not mean that the notion of existence is complex (or that existential expressions are equivocal), nor that there is more than one 'level' or 'type' of reality.
- (v) Probability and Induction:
Dr. Barbara Davidson continued to work on the nature of epistemic probability. She was awarded a Doctorate by La Trobe University during the course of the year for her original work in this field.
- (vi) Modal Logic:
Dr. Barbara Davidson investigated validity testing procedures for systems of propositional and predicate modal logics.
- (vii) Propositional Attitudes:
Dr. Barbara Davidson is examining the nature of belief and other propositional attitudes.
- (viii) Indicative Conditionals:
Dr. Paul Hyland completed his investigation of the relationship between the "If ... then ..." construction of ordinary English and various formal logical devices which purport to formalize that (or a corresponding) construction. He was awarded a doctorate by the University of Sydney for his original work in this area.
- (ix) Dialogue:
Dr. Jim Mackenzie continued his research into the logic of interpersonal argumentation. Much of this (and other) research was pursued at the University of Pittsburgh U.S.A. in accordance with a Fulbright Fellowship which Dr. Mackenzie was awarded in 1981.
- (x) Philosophy of Biology:
Dr. Laurance Splitter continued research into the Species problem, the status of evolutionary theory, biological natural kinds, Sociobiology (the biology of social behaviour) and its implications for human morality and sexuality. Dr. Splitter was awarded a Doctorate by the University of Oxford during the course of the year for his original research into natural kinds and biological species.
- (xi) Responsibility and Killing:
Ms. Suzanne Uniacke continued her work on questions to do with responsibility and the morality of killing - in particular the examination of the moral justifiability of killing in cases of 'necessity' and self-defence. One primary aim in this area was to expose and critically appraise the assumptions about (i) moral fault and its implications, and (ii) acceptable excuse and justification, which are basic to legally justifiable homicide.

SOME ARGS STATISTICS FOR 1983

(1982 figures in brackets)

Total Allocation: \$19.25m (17.98)
No. Applications Overall: 2,000 (2,102)
No. Funded Overall: 1,193 (1,347)

Initial Grants	Renewals
382 (402)	811 (945)
(32% approved in 1983)	(82% approved in 1983)

Average Grant: \$16,136 (\$13,348)

Large Projects: 18 Projects in excess of \$60,000
7 Projects, Physical Sciences
5 Projects, Biological Sciences
1 Project, Engineering and Applied Sciences
3 Projects, Chemical Sciences
2 Projects, Earth Sciences

Four Grants in excess of \$90,000 were made in 1983 compared with 2 Grants in excess of \$90,000 in 1982.

Research Associates/Fellows: 130 Research Associates and Fellows were supported in 1983 (111 in 1982).

	1971	1980	1981	1982	1983
No. Applications	1051	1992	2134	2102	2000
Grants Made	710	1526	1453	1347	1193
Total Funds Available (million)	4.27	12.98	16	17.98	19.25
Average Grant * (\$)	12593	12863	13511	14576	16136

* Adjusted for movements in prices of Personnel, Equipment and other items for conversion to current "out turn prices".

Number of "Good Quality" Projects Not Funded by ARG

Year	Number Not Funded
1978	All "Good" Projects Funded
1979	50
1980	112
1981	296
1982	372
1983	514

Concerts, Exhibitions and Entertainment

ILLAWARRA MUSIC CLUB

Thursday 16 June	Semi-finals of National Operatic Aria Competition
Friday 17 June	National Operatic Aria Competition Finals
Friday 7 October	Albert Landa
Friday 25 November	Sydney Conservatorium Symphony Orchestra

THEATRE SOUTH'S "WHAT THE BUTLER SAW"

Commencing 15 April at the Technical College Theatre, 8 p.m. from Wednesday to Saturday. Bookings - Theatre South or Wilsons Record Bar.

If you have any defences, put them up. If you have any prejudices, take a long last look at them: they'll soon be under attack. And if you've recently had your appendix out, stay at home. WHAT THE BUTLER SAW opens in Wollongong on April 15.

PETER SHEPHERD EXHIBITION

Readers are invited to an exhibition of paintings and drawings by Peter Shepherd on May 1 to May 28, 1983.

The Preview is on Sunday, May 1 at 11 a.m.

Official Opening by Professor Edward Cowie, School of Creative Arts, The University of Wollongong.

Venue: Graham Gallery, 135 Cordeaux Road, Kembla Heights, 2526. Hours: Saturday and Sunday 12 - 5 p.m. Phone 715442 - After hours by appointment.

KEMBLA HOUSE CONCERT

Kembla House (Drug and Alcohol Rehabilitation) will be presenting a Variety Show to raise funds for equipment. The following will be performing:

- . Pam McKune
- . The Rectory-Kangaroo Valley
- . Guitarist/Singer
- . Brian O'Neill - Hypnotist Extraordinaire

Venue: 29th April, 1983, 8.00 p.m., Common Room.

\$3 General Public and \$2 Concession.

Tickets available from Kembla House (283588), Orana House (293815) or at the Door.

WOLLONGONG ARTS COUNCIL

Wollongong Arts Council invites representatives of local arts organisations and interested members of the public to attend an informal meeting and social evening at Wollongong City Gallery on Friday, 29 April, 1983, at 8.00 p.m.

Guest of Honour will be Professor Edward Cowie - composer, conductor, pianist, painter, writer and ornithologist; newly appointed Head of the School of Creative and Performing Arts (University of Wollongong).

The informal meeting will provide an opportunity to discuss:

- . What the Wollongong Arts Council might hope to achieve
- . What local arts organisations want from W.A.C.
- . How the arts can be promoted and developed in Wollongong
- . Events that might be staged in Wollongong

Light refreshments will be served. Please make every effort to attend - R.S.V.P. University Union (297833) by Thursday 28th April.

Seminars

DEPARTMENT OF BIOLOGY

The following seminars w

DEPARTMENT OF BIOLOGY

The following seminars will be held in Room G25 of the Metallurgy Building at 4 p.m.

2 May "The importance of the species concept" - Dr. Laurence Splitter, Department of Philosophy, University of Wollongong.

9 May "The physiological ecology of freshwater crocodiles living in salt water" - Dr Gordon Grigg, School of Biological Science, University of Sydney.

DEPARTMENT OF ECONOMICS

Don Lewis, Senior Lecturer in the Department of Economics, University of Wollongong, will speak on "Occupational Segregation and the 1981 Census - Bad News for Women?"

Date: 29 April, 10 a.m. to 12 noon
Venue: Room 19.206 - Social Sciences Building.

DEPARTMENT OF PHILOSOPHY

In Room 19.1016 at 10.30 a.m., Friday, 29th April.

"Does a Variable Have Meaning?"

Leila Cumming, Department of Traditional and Modern Philosophy, University of Sydney.

All staff and students welcome.

DEPARTMENT OF COMPUTING SCIENCE

The following seminars will be held in April in Room 204 of the Austin Keane Building at 12.30 p.m.

29 April - Mr. P.J. McKerrow (Dept. of Computing Science) - "VLSI Design"

DEPARTMENT OF PHYSICS

The following colloquia will be held in the Physics Lecture Theatre

Thursday, May 5, 12.30 p.m. (Colloquium)
Speaker: Dr. J. Szymanski, Department of Physics.
Topic: Zero-Gap Semiconductors

Thursday, May 19, 8.00 p.m. (Public Lecture)
Speakers: Professor K.N.R. Taylor and Dr. G.L. Paul, School of Physics, University of N.S.W.
Topic: Lasers - The Miracle Tool of the 1980's.

Thursday, May 26, 12.30 p.m. (Colloquium)
Speaker: R.A. Lewis, Department of Physics
Topic: Surface Science and Glass Dissolution

Thursday, June 9, 12.30 p.m. (Colloquium)
Speaker: Mr. F. Green, School of Physics, University of N.S.W.
Topic: Coulomb Correlations in Solid State Plasmas

Enquiries to Abe Segal, Convenor, tel. 282880.

FIRST AUSTRALIAN STUDENT WORKSHOP IN MANAGEMENT RESEARCH

This workshop will be held from 19-21 August, 1983, at the Australian Graduate School of Management at the University of N.S.W.

Honours, Masters and Ph.D. Candidates studying in management-related fields (Economics, Psychology, Industrial Relations, Sociology, Commerce, Accounting, Public Administration, Mathematics, Statistics and Law) are invited to apply to attend the Workshop with free accommodation and air travel provided.

Aims:

- To enable students with an interest, or currently enrolled, in postgraduate research in fields related to management to discuss their research activities and plans with other researchers.
- To expose participants to recent developments in methodology and theory.
- To encourage the development of a high quality research capability in management in Australia.
- To foster an appreciation of the multi-disciplinary nature of management research by acquainting students with ongoing research at the AGSM.

DEPARTMENT OF ACCOUNTANCY

The following seminars will be held in Room 2035, Department of Accountancy, at 11 a.m.

29th April "Some Problems With the Judicially Determined Notion of Income". Mr. Brian Andrew, Dept. of Accountancy.

10th June "Social Responsibility Accounting". Mr. Teoh Hai Yap, Dept. of Accountancy.

For further information contact Dr. F. Gul - 282842.

Job Vacancies

Details of the following positions are displayed on the Campus News Notice Board situated at the southern end of the Hut.

ANU Research Posts in Vision, Geochronology, Isotope Geochemistry, Far Eastern History, Surface Science, Statistics.

Macquarie Lecturers in Accounting, Tutor in Sociology, Research Posts in Chemistry, Lecturer in Economics



DID YOU KNOW that the University needs the support of its graduates and that this can be delivered through the Graduates Committee of the Friends of the University?

Membership of the Graduates Committee is open to all members of Convocation for \$10.00 p.a. or \$40 for Life Membership.

Advertisements

WORLD GRASS SKI TITLES

Three hundred competitors from 13 countries will compete for the World Grass Ski Title at Jamberoo Recreation Park on 21-22 May, 1983.

UNIVERSITY CATHOLIC SOCIETY

Mass is held at 12.35 p.m. on Thursdays in the University Union Common Room.

TO RENT

Mobile Home. Could be used for permanent accommodation. Will deliver to site. \$25 per week. Contact Mr. Hay, telephone 616287.

HOUSE TO RENT OR SELL

2 Bedrooms - West Wollongong. Contact J. Hill on ext. 851 or (048) 851492.

CARS AND BIKES FOR SALE

Mercedes Benz 220S model, rego. expires April 1983, going order.

Also same model less motor, price negotiable.

Peugeot 203, complete car needs work, rego expired, \$200 o.n.o.

Kawasaki LTD Bike 250, 12 months rego, 15,000 km, new rear tyre and chain, \$1,100 o.n.o.

Enquiries to Sociology Department or (02) 3585549.

HOME FOR SALE

Keiraville. \$165,000, ono, 42 squares 6 b/rooms, sep. dining, lounge, snooker room, plus rumpus with wet area. Master built to last. Unrestricted views to mountain and sea. Adjacent homes below 1st floor level, so private aspect. Many extras: dishwasher, garbage disposal, automatic oven, control-door on double garage, plus double carport, insulated, co-axial TV to 3 points etc. Owner wishes to buy at Berry and wants a quick sale. Ring Tony Bell on 202270 or 299859 a/h.

NORTH WOLLONGONG HOTEL

- . Free bands Friday and Saturday nights plus Sunday afternoons.
- . Films Monday, Tuesday and Wednesday nights.
- . Snack Bar, lunch and dinner every day.
- . Student accommodation at very reasonable rates.
- . Discount liquor supplied for parties and functions.
- . Your hosts Chris, Simon and Adam.



Campus Community Interface

FRIENDS ANNUAL GENERAL MEETING

11 May, 1983, at 5.30 p.m.
Union Common Room
University of Wollongong

* * *

Friends should attend and stay on for the
Graduation Eve Champagne Reception

GRADUATION CHAMPAGNE RECEPTION

For the Faculty Sector - 11 May, 1983, at 6.30 p.m.,
Union Common Room, University of Wollongong.

* * *

Graduands should come and meet the Friends,
and support their University

Admission \$8.00. Tickets available from the Union

VISITING CATHOLIC SCHOLAR

The Visiting Catholic Scholar Group within the Friends have arranged for a visit by an eminent Oxford Theologian who will be in Wollongong on Thursday, 2nd June, 1983 (not in May as incorrectly listed in last weeks 'Campus News').

The visitor is the Rev. Fr. Edward Yarnold S.J., M.A., D.D. of Campion Hall, Oxford.

Fr. Yarnold will speak at 12.30 p.m. in the Union Common Room on Thursday, 2 May, 1983, on the subject of Christian Unity.