FROM THE PRESIDENT...

Juliet Richardson (Alumni
John Patterson
Allan Petersen
Vice-President
Ruth Procter
President
Alumni Association

The Association’s annual
general meeting, held on
Saturday, 8 March, brought
together alumni from all the
chapters. Mr Fred Finch MLA,
himself a graduate who com­
pleted his BSc(Eng) in 1969,
was our guest speaker. He
told us about changes in
higher education, and the
success of vocational
education and training in the
Northern Territory (see page
20 for a full report).

Let me introduce the Board
of Management members for
1997:

President
Ruth Procter

Vice-President
Allan Petersen

Secretary
Harry Allia

Treasurer
Ron Perrin

Convocation representatives
Kerrie Christian

Academic representatives
John Patterson

Chapter representatives
Trevor Brew (Campus)
Ron Perrin (Commerce)
Allan Petersen (Education)
Mark Bell (Engineering)
Walter Jervis (Honorary)
Anthony Hodgson (Science)
Ray Cleary (Shaolhaven)
Ex officio
Eric Meadows
(representing Pro Vice-
Chancellor (Academic))
Juliet Richardson (Alumni
Executive Officer)

At the AGM, we were sorry
to say farewell to Alumni
Office Assistant, Antoinette
Matarranz. As well as her
efficient administrative sup­
port, Antoinette processed
Alumni Association member­
ships, helped to organise the
career development seminars
that have proved so popular,
and she also developed the
Association’s homepage on
the Web.

Antoinette served the
University in a variety of
positions over the past 16
years, and we wish her well.
The new Alumni Officer is
Viv McIlroy, to whom we
offer a warm welcome.

Congratulations to all the
new graduates and welcome
to your Alumni Association.
We wish the international
alumni a happy return home,
and we urge you to join the
UOW alumni group wherever
you are. We know you will
appreciate the alumni net­
works around the world, and
if there is not yet a
Wollongong one where you
are living, you could begin
one! The Alumni Office
would be happy to assist
with contacts.

My best wishes to all,

Ruth Procter
President, University of
Wollongong Alumni Association

FROM THE EDITOR...

You might have been won­
dering where this issue of
the Outlook had got to, and I
must apologise for its slightly
late appearance. This year
has been a little disrupted for
the Alumni Office, but I’m
pleased to say that every­
thing is back on track again
now. At the beginning of
March, my colleague of four
and a half years, Antoinette
Matarranz, left the University
and is now working as exec­
utive assistant to the director
of the Illawarra Institute of
Technology on a jobshare
basis. Antoinette will be
known to many alumni, who
will, I am sure, join me in
wishing her all the very best
in her future endeavours.

Her support for the Alumni
Office has certainly been
very greatly appreciated.

Towards the end of May, Viv
McIlroy took up the position
of Alumni Officer and is
rapidly becoming familiar
with the Association and its
activities. Viv has come to
Wollongong from Armidale,
where she worked at the
University of New England
for eight years. During this
time, she held positions in
continuing education and
more recently in the Faculty
of Economics, Business and
Law. Viv is enthusiastic about
living in Wollongong and
working at the University,
and says she is looking for­
ward to getting to know
members of the alumni. She
has already attended several
chapter meetings and is
involved in a number of
different projects. Welcome
to Wollongong, Viv!

About a week after Viv joined
the Alumni Office, we relo­
cated from the Union to the
Administration Building. We
can be found on the ground
floor of Admin at the north­
ern end of the building
behind the International
Office. We have now settled
into our new premises and
can begin to focus on future
alumni activities. A forth­
coming highlight is a forum
‘Integration / Inclusion - At
What Cost?’, being organised
by the Education Alumni.
This will be held on Tuesday,
2 September from 3.30pm
on Level 2 of the UniCentre
(previously called the Union)
Function Centre. Anyone with
an interest in education is
invited to attend and hear a
panel of experts discuss this
contentious topic (see details
on page 25).

Another highlight will be the
Engineering Alumni Annual
Dinner/Dance, to be held on
Saturday, 18 October at the
Novotel Northbeach,
Wollongong. The star attrac­
tion will be guest speaker,
Tim Bowden, well-known
media personality and racon­
teur extraordinaire. Seats
are limited for this gala event,
so check the details on page 23
to make your booking now!

The Alumni Association
Grants will once again be
awarded in 1997. See pages
16 to 19 for fascinating
reports by last year’s winners,
Kate Rosen and Stuart Street.
The closing date for this
year’s grants has been
extended to 12 September,
with full details about eligibility
and how to apply given on
page 19.

Details about the benefits of
joining the Alumni Association
are given on page 31, together
with an application form,
and the outside back cover
features some of the
University memorabilia you
can purchase. Please don’t
hesitate to contact us any
time if you have any queries.

Juliet Richardson
Alumni Executive Officer & Editor
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FRONT COVER:
The University's foundation Chancellor, the Hon Dr Robert Hope, recently announced his intention to retire after 22 years in the role. See article on pages 4-5.
FAREWELL TO OUR CHANCELLOR

The University's foundation
Chancellor, the Hon Dr Robert Hope,
recently announced his intention to
retire after 22 years in the role. Best
known by staff, students and alumni for
his ceremonial duties during graduations,
Bob Hope's trademark was to
chat to every student to whom he pre-
sented a testamur.

His concern for the welfare of others
and his sense of fairness have earned
him the respect and affection of the
campus, and his integrity, intellectual
capacity and personal warmth will be
greatly missed. Geoff Failes spoke to
Bob Hope about his time as Chancellor.

The University of Wollongong
can take significant credit
for helping Wollongong lose
its negative industrial image,
according to retiring
Chancellor Dr Robert Hope.

'The classical, old-fashioned
view of Wollongong was of
'that place down there with
all the smoke';' he said. 'But
that image has gone and one
of the reasons given is that
the University has given
quite a lot of clout to Wollon-
gong and the Illawarra
culturally.'

'When I started it
was a very small,
very regional
university. But now it
is one of the ten
leading universities
in Australia.'

'The University of Wollongong
has seen the
University grow from being
a relatively small campus
with only 2,000 students
and a handful of buildings to
'one of the best campuses in
Australia with 12,000
students and good aca-
demic staff.'

'It was not a bleak campus
but not particularly
attractive,' Bob Hope
recalled. 'It has been won-
derful to participate in that
improvement.'

'When I started it was a very
small, very regional university.
But now it is one of the ten
leading universities in
Australia.

'I've had Australian
and overseas visi-
tors here and they
cannot get over how
good it is.'

'And it has achieved that for
a number of reasons. One
has been the leadership. We
have been fortunate to have
had three good Vice-
Chancellors - Michael Birt,
Ken McKinnon and now
Gerard Sutton.

'I've had Australian and
overseas visitors here and
they cannot get over how
good it is.'

Dr Hope talked about an
Austrian student who was
out here recently to under-
take her PhD on sculptor
and painter Bert Flugelman.
Flugelman, Dr Hope said,
was better known in Austria
as a painter - not as a sculp-
tor as he is in Australia.

He said the student visited him at his home to examine several Flugelman paintings he owns, and remarked how friendly she had found staff and students at Wollongong University.

'Here one can go and see a lecturer, professor or anyone at all easily, but this student told me that in Austria you wouldn't dream of talking to a professor - you just don't get near them,' he said.

'So I think this shows that we have developed a friendly spirit down here very well indeed. Also I think the size of a university is important - to keep it from getting too big.

'I feel we are approaching the maximum size where everybody can feel part of it. If you have 30,000 students at a university then I think you lose touch with them.'

Before his appointment as Chancellor, Dr Hope had a notable career, first as a Queen's Counsel, then as a Supreme Court judge and as a judge of the Court of Appeal.

He sat as chairman of the committee enquiring into the National Estate from 1973 to 1974. He then served as Royal Commissioner on Intelligence and Security, and in 1983 he was appointed Royal Commissioner enquiring into Australia's Security and Intelligence Agencies.

In 1977 Dr Hope was made a Companion of the Order of Saint Michael and Saint George, and in 1989 was awarded a Companion of the Order of Australia.

In 1991 he received Wollongong University's highest honour - admission to the degree of Doctor of Laws, a degree which has also been awarded by Sydney University. Apart from his interest in the law, Dr Hope's other professional interests include civil liberties, education, conservation, aboriginal affairs and the elderly.

On future funding for universities, Dr Hope believes it is inevitable that they will have to rely on more assistance from the corporate sector to make up any short-fall in government contributions.

'One of the things about modern societies like Australia's is that they are very sophisticated, information-based and driven, and unless you keep up with the front edge you are going to slip behind,' he said.

'No-one will care what happens to Australia. We have got to make our own way and we only do this by being at the cutting edge, at the top, and that depends on the skills and knowledge which come from various places, especially universities.

'One of the great virtues of Australia has been how a lot of our leading people have come from poor backgrounds and come up through university situations.

'This is very important in places like the Illawarra which is not a wealthy area. One of the great joys I have had is to see parents of graduating students so excited and moved by it all.'

Dr Hope said he greatly appreciated the efforts of groups such as the Alumni Association and the University Foundation. They were helping to promote the University and assist in its continued funding and support.

In the citation delivered by former Vice-Chancellor, Professor Ken McKinnon, when Dr Hope received his honorary doctorate in 1991, Professor McKinnon said Dr Hope had been one of the University's greatest assets.

He said as chairman of the University Council, Dr Hope had guided the University through its initial reputation-building stage, through the difficult times of standstill funding in the late seventies, through an exemplary amalgamation with the Wollongong Institute of Education in the early eighties, through a decade of rapid growth and through the stresses and strains of higher education upheavals.

'All of this was done with a deft touch, sensitivity and invariable good humour,' Ken McKinnon said.

'No respecter of unnecessary procedural rigidity, he seeks to resolve Council issues in ways which advance the University. He allows contending opinions to be heard, queries confusing statements and summarises the options clearly.

'There have been Councils of many complexions since 1975 and no member has ever had anything but the greatest respect for his chairmanship, especially his fairness.'

Concluding the citation, Professor McKinnon said, 'Robert Hope has long served this University, as he has the law and the nation, with distinction and grace. Chancellorial impartiality he has always shown, but this characteristic is only one of many other profoundly important personal characteristics - generosity of spirit, compassion, personal warmth, dignity and consistent courtesy to all.'

Bob Hope's visits to Wollongong may be less frequent in future, but the legacy of his time as our Chancellor has left a warmth in the hearts of all those who have met him over the years. We wish him and his wife June all the very best for the future.

Geoff Failes is a senior journalist with the Illawarra Mercury. In 1993 he obtained a Master of Arts degree in journalism from the University of Wollongong.

A committee, chaired by Deputy Chancellor Dr Brian Gillett, has been established to consider nominations for the office of Chancellor. Dr Hope will continue in the role until a successor is appointed.
The University has established a Business School that will provide focus and momentum to a number of activities and courses being undertaken across campus.

The School, which is located within the Faculty of Commerce, will develop the University's strengths in the areas of multidisciplinary business and management education. Professor John Glynn took up an appointment as Foundation Director of the Business School in January of this year.

Formerly Director of the Canterbury Business School at the University of Kent, John is no stranger to Australia, having held a number of visiting positions and undertaken several consultancies here over the last 16 years.

A professional accountant, with experience in Price Waterhouse and the health and aerospace industries, John's major research interests centre on financial management, particularly with respect to the provision of public services. In Australia his work has included assignments for the Australian Audit Office and the Public Accounts Committee of the New South Wales Parliament.

John's career has been truly international and in recent years he has undertaken a number of assignments in countries as diverse as Bulgaria, China, France, Russia and Spain on behalf of agencies such as the UN, European Commission and the OECD. Having helped establish one business school already, he is delighted at the opportunity to work at Wollongong. He believes the University already has many of the necessary attributes to establish a truly international-class business school and is very optimistic for the School's development in the next couple of years.

Even in the first few months of the School's existence, much activity has taken place. Under the direction of John Flanagan, the School has launched an innovative masters degree in logistics and operations management in conjunction with BHP. The first 30 students are just completing their first semester and it is planned to further develop the program in order to offer it more widely from 1998.

Professor Glynn and his Business School staff (from left): Carol Wett, Heather Hill, John Flanagan, Michael Hough, Christine Anderson, Marilyn Bryan and John Montagner.
BUSINESS SCHOOL ESTABLISHED

MBA Student Advisory Committee members (left to right): Sanjay Mehta, Rajnie Singh and Barry Moane. (Other Committee members not present include Franck Morin and Younus Khan).

MBA PROGRAM

Semester 1:
- Accounting for Managers 6cp
- Business Statistics and Decision Making 6cp
- Managing People at Work 6cp
- Marketing Management 6cp

Semester 2:
- Economic Analysis of the Business Environment in Australia and East Asia 6cp
- Information Systems for Managers 6cp
- International Management 6cp
- Elective Subject (1) 6cp

Summer Recess

Semester 3:
- Strategic Planning and Policy 6cp
- Elective Subject (2) 6cp
- Elective Subject (3) 6cp
- Elective Subject (4) 6cp

Key:
- Foundation Subject
- Personal Development Subject (modular over two semesters and concurrent with Foundation Subjects)
- Capstone Subject
- Specialisation Subject
- Specialisation Project Subject (phased over Semester 2, Summer Recess and Semester 3)

The School is also developing a reputation for its quality management programs, under the direction of John Montagner. Recent developments have included the launch of a new coursework Master of Total Quality Management to be offered both in Wollongong and Sydney. There is also considerable overseas interest in this new program.

The Faculty of Commerce has offered a Master of Business Administration for the last 11 years and this is now located in the Business School. At the time of writing, the whole program structure for the MBA is under review in order to make the Wollongong program very competitive both in Australia and overseas.

The figure on the left provides an overview of the new program structure. Specialisations will be offered in the areas of general management, business systems, financial management, human resource management, international management, international relations, marketing, operations management, and quality management. Additional streams may be added as a result of further review.

The Business School has a very busy and dynamic team, and is fortunate to have the assistance of an active MBA Student Advisory Committee to provide feedback and advice on a range of administrative and management issues related to the School's graduate management programs. The Committee is also heavily involved in the organisation of entertainment and social activities and student support programs for MBA students.

The School has had a very active first six months and welcomes enquiries from all alumni wishing to learn more about its activities. Heather Hill, the School's Executive Officer, is happy to hear from you on telephone: +61 2 4221 4918, email: heather_hill@uow.edu.au or fax: +61 2 4221 4709.
COMMUNITY LINKS FOR INTERNATIONAL STUDENTS

INTERNATIONAL FRIENDSHIP PROGRAM

The University of Wollongong organises an International Friendship Program (IFP) to provide an opportunity for cultural exchange between its international students and members of the Wollongong community.

The contact provided by the IFP helps students to learn first-hand about the Australian lifestyle. It also helps the local community to learn about the cultures of our students from around the world.

Students involved in the program come from over 70 different countries. Volunteer friendship partners are drawn from the University staff and local students, and from interested organisations and individuals in the community.

Participants are encouraged to meet their student about three times during the session - perhaps to share a meal, go on a picnic, do some sightseeing or shopping together.

Many have found the exchange of culture to be an exciting and enriching experience, with friendships formed through the program often continuing to grow long after the student has returned home.

Anyone can be a friendship partner in the IFP. The only requirement is to have a genuine interest in establishing contact with an international student and an openness to cultural differences.

If you would like to join the IFP, please contact Denise Hull, phone (02) 4221 3173, fax (02) 4221 4767, email: denise_hull@uow.edu.au or write to the International Student Adviser, University of Wollongong, NSW 2522 for more information.
Wollongong graduate, Andrew Bolton (BE/BCom 1995) will soon undertake the journey of a lifetime: a 24,000km solo cycling trip from Cape Town, South Africa to London, England, travelling via East Africa, the Middle East and Eastern Europe in order to raise funds for Community Aid Abroad.

Community Aid Abroad is an independent, secular charity that acts to eliminate poverty and achieve social justice and environmental sustainability by using innovative and imaginative development projects.

The course of Andrew’s journey has been planned to pass through some of the areas where Community Aid Abroad has operations, including Egypt, Eritrea, Ethiopia, Mozambique, South Africa, Sudan, Tanzania, Uganda, Zaire, Zambia and Zimbabwe. His journey will take him through a total of 29 countries over a period of approximately twelve months, with arrival in London scheduled for August 1998.

Whilst the distance involved would present enough of a challenge to most people, Andrew is expecting several additional challenges along the way. He will have to contend with banditry, civil wars and extremes of temperature, as well as negotiate a rather patchy road network. The biggest challenge is likely to be crossing Sudan, which is racked by a civil war in the south, plagued by bandits in the west and is now subject to border skirmishes with Egyptian troops in the north and rebel troops in the east,” Andrew explains. ‘Travelling across Sudan will also require an added degree of stamina, as there are very few roads - most are just sandy tracks - meaning that I shall have to ride over 500km of the Sudanese journey between the sleepers of an infrequently used railway track.’

Because the journey must be completed before the start of the European winter, Andrew will have to endure temperatures in excess of 35°C in some areas of the Middle East. To avoid this problem, most of the cycling in that area will be done in the early morning hours, necessitating a pre-dawn departure from the comforts of bed.

Andrew will be undertaking the journey without any support crew, which means he has to be totally self-sufficient. He will have to carry a range of spare parts and tools in order to fix any bicycle breakdowns that may occur during the course of the journey. ‘When you break down thousands of kilometres from the nearest bicycle shop, you need to know what you’re doing,’ he says.

The lack of accommodation in some of the more remote areas also means that Andrew must carry a tent and sleeping bag, as well as sufficient food and water. Wherever possible he plans to stay in villages, with other accommodation options including missionary outposts and ‘rock-bottom’ hotels. His daily budget comes to a mere US$15 per day.

Andrew also hopes to climb several of Africa’s highest peaks, including Mt Kilimanjaro in Tanzania (5895m), Mt Kenya in Kenya (5199m) and Mt Stanley in Uganda (5109m). His journey will take him past several of Africa’s most famous landmarks, including the Victoria Falls, Ngorongoro Crater and Zanzibar, as well as the Giza Pyramids and the Sphinx in Egypt.

Andrew, who is the son of former Dean of Science, Peter Bolton, has been working as a business analyst for Optus Communications and has recently completed his MBA at the Macquarie Graduate School of Management, after graduating from Wollongong with a BE/BCom in 1995. He has previously travelled extensively overseas, visiting a total of 42 countries, including a period at Montana State University as an exchange student, as well as hiking trips in Papua New Guinea and a cycling trip around Sri Lanka.

Andrew is currently seeking corporate sponsorship, with all money raised going directly to Community Aid Abroad to fund their many valuable aid projects in Africa.

Potential corporate sponsors can contact Andrew at the following address: African Fundraising Ride, c/o Roeven Wishart, Donor Coordinator, Community Aid Abroad, GPO Box 1000, Sydney 1043. Individuals wishing to make a tax deductible donation should send a cheque made payable to Community Aid Abroad to the above address.
NEW VIDEO SERIES ON CONSTITUTION

MILLENNIUM DILEMMA: CONSTITUTIONAL CHANGE IN AUSTRALIA

Jane Innes, senior lecturer in the Faculty of Law.

Millennium Dilemma is a unique educational video series intended to give teachers, students and wider audiences a greater understanding of the Australian Constitution and the process of constitutional change. The series was designed, researched and produced by Faculty of Law senior lecturer, Jane Innes, with the support of a Vice-Chancellor’s challenge grant.

The Millennium Dilemma video series is made up of five programs, which broadly examine the complex issues surrounding the possibilities and options for constitutional change. Each forty-minute program is divided into short segments to facilitate learning in selected topic areas.

The programs present the views of 24 experts with a close working knowledge of Australia’s constitutional arrangements. Through their experience, these experts provide an understanding of what the Australian Constitution does for Australians, where it has come from and where it might be going in the new millennium. They include two former governors-general, a state governor, leading judges, government officials, historians, legal academics, political scientists and social commentators.

The Millennium Dilemma series aims to address the problems identified by the Civics Expert Group which, in 1994, identified a high level of community ignorance about Australia’s system of government and its origins. Many Australians still remain unaware of what the Australian Constitution actually says or contains.

In a national survey, only 18% of respondents showed some degree of understanding of the contents of the Australian Constitution. Only 27% felt informed about the role of the Governor-General, and only 41% knew how the Constitution can be changed.

The Millennium Dilemma series will lead teachers, students and community audiences to a clearer understanding of how Australia’s civic and constitutional arrangements operate, and how they have evolved since Federation in 1901. The constitutional challenges that lie ahead are outlined and debated.

The programs are designed to promote dialogue between teachers and students in class discussion, stimulated by the experts’ comments. Teachers are given access to current and authoritative information to build into their teaching. Students are better able to explore the subject area and its complexities through self-paced learning. The Millennium Dilemma series may also attract wider interest in the complex issues concerning an Australian head of state, a bill of rights and Aboriginal reconciliation.

The Constitutional Convention (Election) Bill (Ctb) 1997, currently being debated in the Senate, has proposed a People’s Convention comprising 50% of representatives who are elected, and 50% of representatives who are selected by the government. Whatever the outcome of this debate, public interest and community debate on constitutional issues are likely to continue towards and beyond the Centenary of Federation in 2001.

All constitutions and constitutional arrangements undergo change over time. As the Centenary of the Sydney Constitutional Convention of September, 1897 draws near, it is timely to reflect on Australia’s past and our constitutional future. The Millennium Dilemma series provides a starting point for a more deliberative democracy.

For further information contact Jane Innes BEc LLM, Faculty of Law, University of Wollongong, NSW 2522; tel (02) 4221 4121; fax (02) 4221 3188; email jane_innes@uow.edu.au.

THE EXPERTS INTERVIEWED

Tony Blackshield
Professor of Law
Quentin Bryce AO
Principal of Women’s College, The University of Sydney
Michael Coper
Professor of Law
Zelman Cowan AK GCMG
GCVO QC DCL
Former Governor-General
Harry Evans
Clerk of the Senate
Elizabeth Evatt AC
Member UN CEDAW
Brian Galligan
Professor of Political Science
Murray Gleeson AC
Chief Justice of NSW
John Goldring
Law Reform Commissioner of NSW
Helen Irving
Reader in Political Science
Michael Kirby AC CMG
Justice of the High Court of Australia

Stuart Macintyre
Professor of History
Hugh Mackay
Mackay Research
Richard McGarvie AC
Former Governor of Victoria
Anthony Mason AC KBE CBE
Former Chief Justice of the High Court of Australia
Anne Mullins
Reader in Law
Noel Pearson
Legal Consultant
Kim Rubenstein
Lecturer in Law
Cheryl Saunders AO
Professor of Law
Ninian Stephen KG AK
GCMG GCVO KBE
Former Governor-General
Sue Tongue
Immigration Review Tribunal
Kristen Walker
Lecturer in Law
George Winterton
Professor of Law
Leslie Zines AO
Emeritus Professor of Law
What does the Australian Constitution do?

Chief Justice of NSW, Murray Gleeson AC:
'It sets out the structure and powers of the two houses of parliament, the senate and the house of representatives. It deals with the powers and functions of the executive government. It deals with the judiciary and the system of courts under the High Court of Australia. It deals with the position of the States in relation to the Commonwealth. It is also an important source of protection for the citizens of Australia.'

An Australian Republic?

Professor Brian Galligan, Professor of Political Science, University of Melbourne:
'I would define a republic as a system in which the people are sovereign. Secondly, a system in which all of the institutions of government are controlled by a constitution which the people control...That is a meaning of republic which has very long traditions from Montesquieu, from the American federalists, and in that sense, in that substantial sense, Australia is a republic.'

Sir Anthony Mason, former Chief Justice of the High Court of Australia:
'If we are already a republic, what is the debate about? I think it is clear we're not already a republic, and that's why we're having this continuing debate as to whether or not the republic should replace the monarchy.'

Elect or Select Head of State?

Elizabeth Evatt AC, Chair UN CEDAW Committee:
'The suggestion that you have candidates for election by the people as a whole disturbs me, because I would see such an election process as becoming rather politicised. So, although I suppose it's contrary to democratic principles in one way, it may reaffirm them in another way...to say, no, there should be a process of selection which involves consultation with major groupings in society and which ultimately is affirmed by parliament. And, not by a simple majority of parliament, no, but by a special majority.'

Harry Evans, Clerk of the Senate:
'Direct election by the public of a head of state to replace the Crown would put some balance back in the system, because the prime minister of the day and the party majority of the day in parliament would know that they haven't got control over that person - that person has a separate line of support from the public, and is not there to be hired and fired by the majority party or the prime minister of the day.'

Professor Stuart Macintyre, Professor of History, University of Melbourne:
'I am one of those who favours an elected head of state. I am aware of the various reservations and other concerns that have been raised, but in the end I think one has to live with the process of democracy.'

Sue Tongue, Immigration Review Tribunal:
'The people might elect sporting heroes or people who don't necessarily have the skills and the experience necessary for the position of head of state. You see, I think that the parliament might well have selected someone like Sir Ninian Stephen who was an excellent Governor-General - the perfect kind of choice for the head of state. But this would never have happened through popular election.'

Professor Cheryl Saunders AO, Professor of Law, University of Melbourne:
'It's important for us to develop the culture that the head of state, however chosen, whether chosen by the prime minister, the parliament or the people, once chosen, is above politics.'

Sir Zelman Cowan AK GCMG GCVO QC DCL, former Governor-General:
'If you have a direct election by the people, the only candidates who will be able to get up are likely to be political, because it is only people who are supported by political parties who have the funds and the organisation to run a campaign. A direct election paradoxically almost certainly ensures that only a politician will get up, because of the difficulty in the costs of running an election. Also, you will find that people like myself would not want to run, let alone could not afford it, but more than couldn't afford it, wouldn't want to run for a popular election.'

Sir Ninian Stephen KG AK GCMG GCVO QCH KBE, former Governor-General:
'I am quite certain that I would never have dreamt of standing for election. People who are not used to the political hurly-burly, I would imagine, will not want to stand for election because it inevitably becomes, I suspect, a party political election. The particular party candidate would be voted for. I think you would get very different sort of people than those who in the past have occupied the position of Governor-General. That might be a great improvement. Who knows?'

OUTLOOK AUTUMN/WINTER
Export Illawarra is part of the Illawarra Regional Economic Development Organisation, which was the first such initiative launched in the country by the former Prime Minister, Paul Keating, in late 1994 as a response to the federal government's move towards regional development.

This project was funded for two years to set up an 'export framework' for small and medium-size enterprises (SMEs) in the region.

The project team, made up of key government and business representatives, was challenged to find an innovative way to reduce the time frame and cost for a SME to enter the export market. The team was also to examine ways to ensure that companies were able to meet the demands of the global market in a systematic manner.

Over the past 15 months the project team has developed a clear understanding of the potential of the local market and has developed a business plan which will take the project forward over the next two years.

Vision
Moving the Illawarra into export.

Key Objectives
- To establish a self funding regional export office for the benefit of local business;
- To develop a regional cluster map with clearly identified export capability;
- To facilitate an export culture and a better understanding of the global market concept;
- To establish international business partnerships, with the aim of bringing business to the Illawarra which will minimise export risk for local members.

In conjunction with the University's Faculty of Commerce and the Alumni Office, research was undertaken in 1996 to examine ways in which international alumni might provide linkages to their home country, which could be beneficial to them and to the Illawarra region.

A survey was conducted to establish a profile of international alumni, and the responses showed that many were in a position to benefit from establishing business linkages with the Illawarra region.

This research has clearly identified that international students could be a pivot to the development of innovative international business partnerships, which would be beneficial to the economic growth and development of the region.

To add value to their academic studies at the University, Export Illawarra is currently facilitating opportunities for international students to work with local industries as part of their studies. It is anticipated that this will establish the basis for long-term strategic partnerships.

At present there are 120 local businesses involved in the program, and interest is growing rapidly.

These members have access to a range of export activities, including cluster meetings, information seminars, workshops, functions, selective training, business matching, market intelligence and strategic planning.

A wide variety of industries is involved in the Export Illawarra Program. As well as education, there is health, manufacturing, building and construction, business services, aquaculture, boutique household products, grape/wine and seeds/flowers.

One of the major events currently being organised for the region is International Business Week. During this week, 13-17 October, a range of activities will take place, from informal gatherings to an expo for local exporters to exhibit their products to potential buyers. Any international alumni planning to visit Australia during that time should mark their diaries.

For further information please contact Export Project Manager, Jackie Zelinsky, on telephone (+61 2) 4229 4619, fax (+61 2) 4229 6392, or mobile 041 96 1860.
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GRADUATION
PLAQUES

Members of the University’s alumni may purchase a personalised testamur plaque, in gold metal and mounted on a polished rosewood base, or framed in matching gold or silver. This superb plaque provides a unique representation of your achievement.

By special arrangement with the supplier, the plaque has been made available to alumni at an extremely low price. The cost per plaque, either framed or mounted on timber, is $61.00 to Financial Members of the Alumni Association, and $66.00 to other alumni. These costs include postage and handling, but please add $25.00 to overseas orders.

To place your order, just complete the form below and return it with your payment or credit card details, and a clear photocopy of your testamur to the Alumni Office at the University. Please allow 28 days for delivery in Australia. (Overseas orders may possibly take longer.)

NAME:
Name at graduation (if different):
Postal address:...............................Postcode:..........................
Country (if outside Australia):...
Tel:Home........................................Business..........................

My cheque (or postal money order), payable to the University of Wollongong, for $..........................is enclosed, together with a photocopy of my degree testamur.
Alternatively, please charge $..........................To my Bankcard / MasterCard / Visa (delete as applicable)

Card no: ..........................Expiry date: ..........................
Name on card:..........................

NB: The cost per plaque is $61.00 to Financial Members of the Alumni Association and $66.00 to other Alumni. For overseas orders please add $25.00. I am/Am not a Financial Member of the Alumni Association. (Delete as applicable)

Please complete and return with your payment and photocopy of your degree to:
Alumni Office, University of Wollongong, NSW 2522. Orders by credit card may be faxed on (02) 4221 3233. Enquiries may be made by telephone to the Alumni Office on (02) 4221 3169.
OBITUARIES

Ron King was first and foremost an educator. His career began in 1957 when he graduated as a primary school teacher, a profession in which he worked until 1969. During these years he completed degrees in education and commerce, as well as a diploma of education.

He then became a guidance officer/psychologist with the Victorian Education Department until the early seventies, when he undertook doctoral studies at Monash University. Ron graduated with his PhD in 1974, and by then had moved to an appointment as a senior lecturer.

In 1975 Ron was appointed as Foundation Professor of Education at the University of Wollongong, and Head of the Department of Education (in the Faculty of Arts).

As a teacher Ron was always held in high esteem by his students, presenting his lectures with interest and enthusiasm. His research students were constantly impressed by his ability to look at the big picture with regard to their research endeavours.

It was as an administrator, particularly during the eighties, that Ron made a major contribution to the University. He worked closely with Emeritus Professor Peter Rousch and Professor Michael Koder to bring about the amalgamation of the University's Department of Education and the Wollongong Institute of Education to form the present-day Faculty. The success enjoyed by the Education Faculty today was, in part, initiated by and continually supported by Ron.

During the eighties, Ron King was an important figure on the campus landscape. He assumed the role of Chair of Academic Senate in 1983 and held this position until 1990. This period saw massive change and growth on campus and was a critical era in the University's development.

Ron was part of the senior management and contributed to the efforts of the then Vice-Chancellor, Professor Ken McKinnon, and others, to establish a premier campus, first-rate academic programs and an emerging international reputation. The Senate's role in this was crucial, and Ron's contribution was significant.

Outside the University Ron participated in a range of national, state and regional committees. These affiliations related to his professional and research activity, particularly in the Australian Psychological Society, where he was an active executive member for several years. In the early nineties, he was also seconded to the National Board of Employment, Education and Training, where he acted as a counsellor on a variety of national projects.

For those who worked closely with Ron, particularly his colleagues in the Faculty of Education, his absence will be marked. He will be remembered as a scholar, a teacher and an administrator, and as a person interested in all aspects of life. He will also be remembered for his concern about his professional colleagues, who were part of his life.

Ron is survived by his wife Monica, and three children Rebecca, Richard and Elena.
Obituary

Frank Paoloni, who died on 5 December 1996 aged 49, was an enthusiastic lecturer and researcher in the former Department of Electrical and Computer Engineering.

Frank Paoloni had a distinguished engineering career, with several patents and over 100 publications, including many in the most prestigious of international journals.

He graduated from the University of Sydney in 1968 with a Bachelor of Science in physics with first class honours, later obtaining his PhD from the same institution.

In September 1973, Frank joined the Texas Tech University, Texas, USA as a visiting assistant professor, where he participated in research on wave propagation problems in the Plasma Laboratory. From September 1974, he was employed as a research associate in the Plasma Physics Laboratory at Princeton University, New Jersey, USA.

In January 1978, Frank joined the Department of Electrical Engineering at the University of Wollongong (later to become the department of Electrical and Computer Engineering) as a lecturer. In 1981 he was promoted to senior lecturer and in 1987 to reader (associate professor). He was awarded an honorary professorial fellowship in May 1996.

During his 18 years at the University of Wollongong, Frank was an outstanding and enthusiastic teacher and mentor to many students at both the postgraduate and undergraduate level. During discussions on courses, he was said to be ‘one of the best lecturers we have ever had’ by student representatives.

Frank was responsible for devising the laboratory programs and experiments, and determining the course content, for subjects ranging from fundamentals of electrical engineering to signal transmission. Not only did he encourage his students, he also provided an encouraging mentoring role to younger members of staff.

Frank Paoloni’s research continued to gain international repute and he was successful in gaining many research grants over the years. In 1983 he spent four months working with the Antennas and Propagation Group at the Department of Electronic and Electrical Engineering at the University of Sheffield, investigating technical aspects of diffraction tomography.

He continued his research in plasmas and in 1986 began a collaborative effort with staff at the Australian Atomic Energy Commission (now ANSTO), Lucas Heights, on a project involving the construction and evaluation of a plasma arc centrifuge for separation of stable metal isotopes. He also played a vital part in the formation of the Microwave Applications Research Centre at this University.

The enthusiasm shown by Frank in his lecturing and research was also evident in his private life. His wife Deanne, and children Nathan, Elena and Corinne, have many tales to tell of his enthusiasm and encouragement. He will be long remembered by his colleagues who are now part of the School of Electrical, Computer and Telecommunications Engineering.

In accordance with his wishes, the School has established an annual student prize in Frank’s memory. Details are available from the School.
The Alumni Association offers annual grants to alumni or students of the University of Wollongong for educational or self-development purposes, or for worthy causes linked to the University community.

In 1996 two grants were awarded, to undergraduate student Kate Rosen and to PhD student Stuart Street, who outline their experiences below. Details about this year's grants are given on page 19.

KATE ROSEN

As part of her undergraduate studies in science, Kate Rosen recently participated in a biodiversity study of plants and insects in a section of rainforest in the Eungella National Park in northern Queensland.

As a signatory to the International Biodiversity Convention, Australia has developed a National Biodiversity Strategy which has been agreed to by all states. Agreements such as these require long-term commitment to seeking information about Australia's continental biodiversity and to formulating strategies to ensure its long-term protection and survival.¹

Although rainforests cover only 0.05% of Australia's land area, their ecosystems contain 50% of our biodiversity (ibid). Extending knowledge of the biodiversity of rainforests is critical to successful long-term planning concerning these ecosystems.

Since 1988, the arthropod biodiversity laboratory at Griffith University, part of the Cooperative Research Centre for Tropical Rainforest Ecology and Management, has undertaken research on the patterns and processes of biodiversity in rainforests in Australia and elsewhere. To date surveys have been completed in Lamington National Park (south-east Queensland), Atherton Tablelands and Cape Tribulation in far north Queensland, and in Brunei, South-East Asia (ibid).

Rainforest survey

I recently had the opportunity to participate in the first extensive survey of a rainforest hectare to be carried out in Eungella National Park. The rainforests at Eungella, 80kms west of Mackay in northern Queensland, have long been isolated from other forests.

The expedition, led by Griffith University, and the Cooperative Research Centre for Tropical Rainforest Ecology and Management, Queensland, included 24 student members. These were selected primarily from Griffith University, but included myself from Wollongong University and several students from Melbourne.

Survey site

The 100m² (one hectare) reference site was situated at Mt Dalrymple, about 40 minutes drive from the expedition headquarters at Broken River. Eight different survey methods, including canopy fogging techniques, were used to develop a representative inventory of the insects found within our reference hectare (affectionately referred to as 'the plot').

We also measured, mapped and identified all trees.
greater than 5cm in diameter found on the plot. Using microscopes in our makeshift laboratory at Broken River, the insect samples were sorted to the level of order (diptera, orthoptera, coleoptera, blattodea etc).

**Expedition highlights**

The rainforest lived up to its name, and provided plenty of rain!

We worked hard at counting insects and trees in the rainforest - no simple task in the middle of the wet season. Apart from the challenges of the survey itself, we did have some time to relax in the evenings. After dinner each night we had lectures delivered by Professor Kitching and Dr Olsen, and also by Dr Nigel Stork, Director of the Cooperative Research Centre for Tropical Rainforest Ecology and Management, and by Mr Steve Pearson, Ranger at Eungella National Park, a local expert and author of books on rainforest vegetation.

On our last day, we held an 'Open Day' to allow the locals to see what the scientists were doing in their rainforest. The talent at the concert on the final evening had to be seen to be believed!

**Results**

The results obtained from this expedition to Eungella National Park will be combined with information from the earlier surveys at Lamington, Atherton Tablelands, Cape Tribulation and the Brunei lowlands. The plan is to return to Eungella to complete a dry season survey (possibly July 1998) to compare with the wet season survey of January 1997. Expeditions are also planned to establish reference hectares at Paluma and in the Canandale Ranges.

Apart from having a great time, all the students involved gained invaluable field experience and an understanding of the realities of field research. It is indeed exciting to know that you are contributing to vital information about one of Australia's least understood, yet biologically richest ecosystems - the rainforest.

I would like to take this opportunity to thank the University of Wollongong Alumni Association and the Australian Geographic Society for their sponsorship which made possible my involvement in this expedition.

1. Insects and Plants at Eungella: A biodiversity survey (1997): Prospectus for a research expedition. School of Environmental Studies, Griffith University.


Spending three months as a visiting scholar with the Centre of Iron and Steel Research (CISR) at Carnegie Mellon University (CMU), Pittsburgh, USA, in the latter part of last year provided many professional and personal highlights. Thinking back over the visit, it wasn't exactly culture shock, but there were certainly many interesting differences between student life at the University of Wollongong and at CMU.

It was a warm welcome to Pittsburgh as summer lingered into September. I had accepted an invitation from Professor Richard Fruehan, CISR Director, to fulfill a unique opportunity to investigate aspects of my PhD research. I was particularly interested in using the extensive X-ray facilities within the Department of Materials Science and Engineering, to which CISR belongs, to carry out research into the smelting mechanisms of EnvIRONment process.

STUART STREET

Late last year Stuart Street visited the United States as part of his doctoral research into new technology for waste redemption and minimisation in metallurgical industries.

from Professor Richard Fruehan, CISR Director, to fulfil a unique opportunity to investigate aspects of my PhD research. I was particularly interested in using the extensive X-ray facilities within the Department of Materials Science and Engineering, to which CISR belongs, to carry out research into the smelting mechanisms of the EnvIRONment process.
cational institutions. A constant reminder of this is the sight of hospital helicopters in the skyline and a continual barrage of television advertisements promoting hospitals, while the majority of younger people are studying at a local university or college.

CMU is about 5kms from downtown Pittsburgh and has a similar campus setting to Wollongong. Nestled in amongst older suburbs and parklands, the campus, with large open lawns and massive trees, has many imposing buildings. The engineering building I worked in was itself seven stories high.

A major difference between the two campuses, particularly student life, became readily apparent during my first week. No uni bar. After years at Wollongong, the American campus seemed to be lacking a social focus for students, something that took me a while to find. It was surprising how many of the bars I visited while in America reminded me of Moe’s Tavern in ‘The Simpsons’.

Apart from the lack of a uni bar, I had to adjust to the formality of the American campus. Students, including graduate students, address academics by their full title, and I often had to catch myself before calling somebody by their first name as I would back home.

Regular social functions - ‘happy hours’ - did, however, allow graduate students and academics to mix on an informal basis. Funded by the Graduate Student Organisation, the campus-wide events were well patronised and enabled me to sample many of the local micro-brew beers, as well as meet students in the department outside my immediate research group.

There were many similarities between CMU and Wollongong University, one being the multicultural feel of the student body. As a prestigious private university, a large percentage of students, particularly at graduate level, were non-American. Within the department there were Korean, Taiwanese, Chinese, Japanese, Indian, French and South African students, and even one other Australian.

A big visible difference was the level of security. Special campus police constantly cruising in fully-marked patrol cars is luckily something not needed in Australia.

The alumni/university link also appeared to be stronger, or at least more fully developed in America. From an outsider’s point of view, ‘homecoming’ enabled the university to honour its alumni, while many alumni returned to their university for the weekend celebration as a way of paying respect. It is apparently not uncommon for alumni to donate money to their respective departments every year at homecoming as a gesture of thanks.

Because of CISR’s strong industry base, I had many opportunities to meet leading researchers from the American steel industry, the culmination being an invitation to attend CISR’s Fall Research Meeting and annual dinner. The department staff in Pittsburgh were very friendly, all showing a keen interest to hear about Wollongong, our campus and its settings, and research activities within the department.

My level of acceptance within the department saw me encouraged to attend specialist graduate classes, as well as weekly research seminars. Although the department in Pittsburgh is slightly larger than the Department of Materials Engineering at Wollongong, I came away with the distinct impression that our students and staff are of equal standing, and that our research is equally relevant and innovative.

Weekdays I was kept busy and extremely frustrated, because of the lack of progress in my research activities, so weekends were set aside for travelling. I saw the monuments in Washington and was inspired by the Smithsonian Institute, met the Amish in Pennsylvania, parried in New Orleans, saw the Bengal tigers in Cincinnati and cycled through Central Pennsylvania.
FinaUy my research plans started to come together.

looked ornamental in their fallen leaves, while trees autumn colours.

With November came cold features in Pittsburgh further. Lawns were ablaze with autumn colours. While living in Pittsburgh I experienced. November I have ever

Pittsburgh and the coldest ponded, and I returned to American football were professional and cultural activities as possible. In the summer of information, gummi and peanut butter flavoured every­

thing)... Starbucks’s Coffee and weekend breakfast specials at Pamela’s Kitchen... It’s a good thing I walked to and from uni each day.

By mid-October summer was well and truly gone, days were getting shorter and colder, and the squir­rels appeared to be busier than usual collecting and eating nuts. Around campus steam rose out of vents from steam tunnels, and central heating took the chill out of buildings.

A short escape to Phoenix, to present a paper on my research at a conference, provided some respite from the fall weather in Pittsburgh. However, because of difficulties I had encountered with the X-ray equipment, my departure to Australia was postponed, and I returned to Pittsburgh and the coldest November I have ever experienced.

With November came cold winds from the Great Lakes, dropping tempera­tures in Pittsburgh further. Lawns were ablaze with fallen leaves, while trees looked ornamental in their autumn colours.

Finally my research plans started to come together. After nearly three months the X-ray equipment was at last operating sufficiently to perform preliminary and evaluation experiments. My last week in Pittsburgh was hectic as I tried to pack, do last-minute shopping and perform as much research as possible while the equipment worked. With each test taking a full day, I was luckily assisted by a visiting French researcher and an American PhD student.

In the final three days snow fell and temperatures didn’t rise above freezing. While jogging through the neighbourhoods of Squirrel Hill and Shadyside in the afternoons, extra layers were needed as the wind chill reduced the temperature to ten below zero.

Best was definitely left till last... The day before I was leaving for home, a single experiment revealed a glimmer of information, enough to substantiate previous conjecture of the reaction mechanisms for simultaneous treatment of ironmaking and organic waste.

Being awarded a University of Wollongong Alumni Association Grant in 1996 was a great honour, and although my original research plans were not fully met, the time spent was still rewarding. The trip would not have eventuated, nor been so successful, if it were not for the help of a number of people.

I am indebted to the Alumni Association for their interest and financial support; to my supervisors, Dr Geoff Brooks and Professor Howard Womer, for their encouragement; to the staff and students within CISR, particularly Dr Bahri Ozturk, for their help and guidance while in America; and finally, to my girlfriend, Samantha, who became accustomed to ISD phone calls.

The trip left me with many fond memories and, importantly, forged strong links between Carnegie Mellon University and the University of Wollongong.
FRED FINCH SPEAKS AT AGM

Guest speaker at this year's annual general meeting, held on 8 March, was early engineering graduate and Minister for Education and Training in the Northern Territory government, Mr Fred Finch MLA.

In Fred's view, there is now a responsibility for universities 'to eliminate unviable courses', and to take a 'supply and demand approach'. He commented that the Northern Territory is committed to reforms in training with the development of the new apprenticeship and traineeship system, which is more client-focused, flexible and responsive to industry and community needs.

Fred would like to dispel the false perception by young people that vocational training is a 'poor second choice to higher education options'. He sees VET and HE both as legitimate sectors of the marketplace and as interdependent.

In his address, Fred spoke about the challenges currently facing the higher education (HE) sector and the need for universities to be responsive to the communities they serve. He said that universities must also respond to the influence of substantial changes in the vocational education and training (VET) sector.

Fred Finch completed his BSc(Eng) at Wollongong in 1969 and then worked as an engineer for several years. In 1974 he moved to Darwin, where he established his own engineering consulting firm. In 1983 Fred successfully ran for a seat in the NT Parliament and has been a politician ever since. In this time he has held several portfolios, including transport and works, public employment, and education and training (twice).

Fred Finch MLA (left), guest speaker at this year's AGM, talks to Harry Alla (Alumni Association Secretary) and Marjory MacDonald (Campus Alumni Bookshop Coordinator) after the formalities.

Association elections

At the annual general meeting, the following office bearers were elected to the Alumni Association Board of Management:

- President: Ruth Procter
- Vice-President: Allan Petersen
- Secretary: Harry Alla
- Treasurer: Ron Perrin

The other Board members are Kerrie Christian (Convocation representative), John Patterson (academic representative) and the various chapter representatives (listed with the chapter committees on page 23).

All are committed to advancing the aims of the Alumni Association and to involving more alumni in the activities of the University.

Convocation elections

At the end of this year, two of the Convocation representatives' positions on the University Council will become vacant. If more than two people are nominated for these positions, an election will be held (see details on page 28).

The Council is the University's governing body and, of its eighteen members, four are elected representatives of Convocation (which broadly means the University's graduates). This is an important election, as these four representatives have a genuine opportunity to they return home. This will be achieved through the organisation of a 're-entry' seminar to assist international students in the process of reacclimatisation into their own culture.
influence decisions taken at the highest level within the University. What better way than this for alumni to 'have a say'?

So, please consider nominating someone, or being nominated yourself, to stand for one of these positions later this year. The term of office is four years from 1 January 1998. All graduates will be sent ballot papers if an election is to be held, provided we have your current address.

The two Convocation representatives whose terms expire this year are Mr Keith Phipps and Ms Shirley Nixon. The other two are Ms Kerrie Christian and Mr John Steinke, whose four-year terms of office will expire at the end of 1999.

If you would like to talk to any of these people about their role as Convocation representatives, please contact the Alumni Office.

CHAPTER ACTIVITIES

Campus Alumni

Campus Chapter members offer various services to our campus, including guided tours during Orientation and on Open Day, and ushering at graduations. However, the service they most enjoy offering is a self-supporting prize fund for students.

In 1997 the Campus Chapter is awarding a $300 voucher with the Union (now UniCentre) Bookshop to a nominated honours student from each of the nine faculties of the University. This is the first time that a prize has been offered in every faculty in the one year, as they were previously award-
ed on a rotating basis.

The first two book prizes were awarded in 1994 to Renee Janssen from Science and Sean Stewart from Mathematics. In 1995 three were awarded, to Natalie Gray (Law), Rebecca Lowrey (Arts) and Louise Manner (Creative Arts). Another three were awarded in 1996 to Donna Bayliss in Health & Behavioural Sciences, Marcus Caton (Education) and Lai Sim Tan (Commerce).

The high standard of these prizewinners motivated the Campus Chapter to increase the number of prizes awarded annually, in spite of the increased outlay. To date the following prizewinners have been nominated for 1997:

**Commerce**
- Jennifer Thornton

**Creative Arts**
- Bernard Sullivan
- Stuart Gray

**Engineering**
- Amanda Hawkins

**Health & Behavioural Sciences**
- Adam Piggott

**Informatics**
- Sinead Campbell

**Law**
- Jennifer Richardson

In order to offer more prizes in the future, the Campus Chapter continues to run its second-hand Bookshop at Campus East. Like the prize fund, the Bookshop has continued to grow, with titles ranging from fiction and children's books to textbooks of all sorts. The stock consists entirely of donations and the staff are all volunteers from the Campus Chapter.

Campus Chapter members are grateful to the maintenance staff at Campus East who help to keep the shop in good repair, and to the University for making the space available. The Campus Chapter Bookshop is located opposite the Science Centre, and opens on the second and fourth weekends of the month from 1-5pm.

**Open Day**

The annual Bookfair will be held at the University's Open Day, on Sunday 31 August. A large selection of books will be available at very reasonable prices. Come and check us out on the ground floor of the Union (now UniCentre) Building.

**ASSOCIATION NEWS**

**Commerce Alumni**

Or: Does a rose by any other name smell so sweet?
(by Belinda Schuster)

If you have ever heard the story of the elephant designed by a committee, you may be able to understand our current dilemma. Am I not implying that our Chapter management committee is anything less than a creative group of dedicated and task-oriented individuals. I am, in fact, admitting that, aside from being Commerce graduates, we come from diverse and interesting ages and cultural backgrounds.

At a recent committee meeting we discussed our next article for the Outlook. We want to ask for volunteers who could/would be a contact person for other members in their graduating year, to encourage involvement in future alumni events.

The concept itself is a practical and sensible strategy, but what to call these helpers has proved more difficult, due to constraints of political correctness, gender politics, historical implications and what I perceive as an added desire to sound 'non-American'.

So until further notice, we are seeking the assistance of alumni to act as Year Contact Persons, who are willing and able to assist with contacts, networking and coordinating future Commerce alumni events. We can't be more specific than that.

If this sounds like something you might want to pursue, please contact me, Belinda Schuster, on tel (02) 4221 4478,
We would like to invite alumni to the Commerce Faculty building (Bid 40) on that day to have a 'cuppa' and to learn more about the Commerce Chapter past and present.

We also invite you to attend the unveiling of our Alumni Honourboard, which will be presented to the Dean of the Faculty at noon on the main (ground) floor of Building 40.

Education Alumni

A new prize, called the Education Alumni Prize, has been initiated this year. Open to students enrolled in the BEd(Hons) and worth $500, the prize will be awarded to a student whose thesis topic is within a preferred area of research and who meets the academic criteria.

The closing date for applications this year is 1 August, a little late due to the processes of official approval for a new prize. It is hoped that the prize will be annual, with applications closing in May in future years.

The Education Chapter is once again organising a forum open to anyone interested in education, this year's 'hot' topic being 'Integration/Inclusion - At What Cost?' (see page 25 for more details).

A panel of highly qualified speakers has been invited to contribute to the forum, to be held on Tuesday, 2 September 1997 from 3.30pm (for a 4.15pm start) to 6.00pm in the Function Centre on campus. Anyone interested in further information can contact Viv McIroy in the Alumni Office on tel (02) 4221 3169.

Engineering Alumni

Honorary Chapter

The management committee has met several times this year and is currently considering ways in which the Chapter might further demonstrate its support for the Alumni Association and the University as a whole.

Discussions have been held with Association President, Ruth Procter, and with the University's Director of External Relations, Eric Meadows, who has responsibility for alumni relations.

Science Alumni

The inaugural reunion dinner for science alumni was held on the day of the Science graduation on 8 May. Over 70 people attended, including past and present students and staff (many wearing academic dress), as well as parents of students who had graduated that day.

University medallist in biological sciences, Thea van de Mortel, celebrated her success with her parents and her supervisor, Dr Bill Buttement. Professor Richard Lambrecht, who had been awarded an honorary doctorate in science earlier in the day, proposed a toast to all graduating students, and guests were entertained with anecdotes by longstanding member of the Science Faculty, Professor Leon Kane-Maguire.
It is hoped that a similar dinner will be held at future science graduations. If you would like to express your interest in attending these or meeting with fellow alumni in other ways, please contact Anthony Hodgson (Convenor of the Science Alumni) on: tel (02) 4221 3199, or Chris Peacock in the Science Faculty Office on: tel (02) 4221 3530.

Alumni Association
Chapter Committees 1997
Committee members listed below can be contacted via the Alumni Office on tel (02) 4221 3169 or 3249, by fax on (02) 4221 3233 or by email: alumni@uow.edu.au.

Campus Alumni
President & Representative to Board
Trevor Brew
Vice-President
Keith Phipps
Secretary/Treasurer
Wolfgang Brodesser
Bookshop Coordinator
Marjory Macdonald
Assistant Bookshop Coordinator
Wilma Furlonger
Committee members
John Bell
Kathleen Condell
Audrey Heycox
Mollie Makin
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John Yourliotis
Membership Extension Officer
Wendy Raikes
Representative to Board
Ron Perrin
Ex officio
Belinda Schuster

Education Alumni
President
Elizabeth Sandeman-Gay
Vice-President
Christine Howell
Secretary
Frane Egan
Treasurer
Kerrie Eyding
Representative to Board
Allan Petersen

Committee members
Lenore Armour
Hazel Holmwood

Engineering Alumni
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Jon Thompson
Vice-President
Vic Watts
Secretary
Lewis Schmidt
Treasurer
Ted Bosman
Representative to Board
Mark Bell
Committee members
Kerrie Christian
Richard Dwight
Geoff McIntosh
Ex officio
Julie Romanowski

Honorary Chapter
(untiIl AGM in October '97)
Convenor
Walter Jervis
Deputy Convenors
Brian Gillett
Winifred Ward
Secretary
Geoff Brinson
Committee member
John Bell

Science Alumni
Steering Committee
members
Anthony Hodgson (Convenor)
Leon Kane-Maguire
Trevor Lewis
Ellen Manning
Karen Maxwell
Will Price
Mark Walker
With assistance from
Chris Peacock (Faculty Office)

Shoalhaven Alumni
President
Brian Chater
Vice-President
Tim Fletcher
Secretary
Rosslyn McDonald
Treasurer
Steve O'Neill
Representative to Board
Ray Cleary
Committee members
Kerrie Griffith
Liam Guilfoyle
Helen Jordan
Sue-Ellen Misfeld

MEMBERS OF
The Engineering Alumni
invite you to enjoy a
DINNER DANCE
with guest speaker
TIM BOWDEN
media personality and respected raconteur 'Pandora's Box of Anecdotes'
Saturday,
18 October 1997
6.30 for 7.00pm
Grand Ballroom
Novotel Northbeach
Wollongong
Alumni from any chapter and/or groups of friends are welcome to form a table.
Cost:
Alumni Association Financial Members (and their partners) - $45/hd
Non Financial Members and other guests - $50/hd
(includes three-course meal, music and entertainment)
Dress:Lounge suit
Music by 'Fresh'
Enquiries/bookings: contact Viv McIlroy in the Alumni Office
Ph (02) 4221 3169
Fax (02) 4221 3233

Members of the
Outlook Alumni
invite you to enjoy a
DINNER DANCE
with guest speaker
Tim Bowden
Media personality and respected raconteur 'Pandora's Box of Anecdotes'
Saturday,
18 October 1997
6.30 for 7.00pm
Grand Ballroom
Novotel Northbeach
Wollongong
Alumni from any chapter and/or groups of friends are welcome to form a table.
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(includes three-course meal, music and entertainment)
Dress:Lounge suit
Music by 'Fresh'
Enquiries/bookings: contact Viv McIlroy in the Alumni Office
Ph (02) 4221 3169
Fax (02) 4221 3233

Shoalhaven Alumni
The Shoalhaven Chapter meets monthly, mainly organising fundraising and social events to assist the Berry campus and the development of the University's new campus at West Nowra.

A most successful theatre night with the Nowra Players was recently held, and coming events include a railway trip to the Southern Highlands on the Cockatoo Run in mid-September; and a weekend of golf, tennis, fishing and walking at Thredbo Village in November.

There are over 1,500 alumni living the Shoalhaven area, and the Chapter would be delighted to hear from some of these graduates. Committee meetings are held on the second Thursday of the month in the Shoalhaven City Council chambers (upstairs at the northern end of the building) at 5.15pm. For further information please contact Brian Chater, Shoalhaven Alumni President, on tel (02) 4421 6859.

Alumni Association
Chapter
Committees 1997
Committee members listed below can be contacted via the Alumni Office on tel (02) 4221 3169 or 3249, by fax on (02) 4221 3233 or by email: alumni@uow.edu.au.

Campus Alumni
President & Representative to Board
Trevor Brew
Vice-President
Keith Phipps
Secretary/Treasurer
Wolfgang Brodesser
Bookshop Coordinator
Marjory Macdonald
Assistant Bookshop Coordinator
Wilma Furlonger
Committee members
John Bell
Kathleen Condell
Audrey Heycox
Mollie Makin
Mavis Miller
Kevin Turnbull
Winifred Ward

Commerce Alumni
President
David Winton
Vice-President
Rita Tibbits
Secretary
Joy Bassett
Treasurer
Wolfgang Brodesser
Membership Extension Officer
Wendy Raikes
Representative to Board
Ron Perrin
Ex officio
Belinda Schuster

Education Alumni
President
Elizabeth Sandeman-Gay
Vice-President
Christine Howell
Secretary
Frane Egan
Treasurer
Kerrie Eyding
Representative to Board
Allan Petersen

Committee members
Lenore Armour
Hazel Holmwood

Engineering Alumni
President
Jon Thompson
Vice-President
Vic Watts
Secretary
Lewis Schmidt
Treasurer
Ted Bosman
Representative to Board
Mark Bell
Committee members
Kerrie Christian
Richard Dwight
Geoff McIntosh
Ex officio
Julie Romanowski

Honorary Chapter
(untiIl AGM in October '97)
Convenor
Walter Jervis
Deputy Convenors
Brian Gillett
Winifred Ward
Secretary
Geoff Brinson
Committee member
John Bell

Science Alumni
Steering Committee
members
Anthony Hodgson (Convenor)
Leon Kane-Maguire
Trevor Lewis
Ellen Manning
Karen Maxwell
Will Price
Mark Walker
With assistance from
Chris Peacock (Faculty Office)

Shoalhaven Alumni
President
Brian Chater
Vice-President
Tim Fletcher
Secretary
Rosslyn McDonald
Treasurer
Steve O'Neill
Representative to Board
Ray Cleary
Committee members
Kerrie Griffith
Liam Guilfoyle
Helen Jordan
Sue-Ellen Misfeld

MEMBERS OF
The Engineering Alumni
invite you to enjoy a
DINNER DANCE
with guest speaker
TIM BOWDEN
media personality and respected raconteur 'Pandora's Box of Anecdotes'
Saturday,
18 October 1997
6.30 for 7.00pm
Grand Ballroom
Novotel Northbeach
Wollongong
Alumni from any chapter and/or groups of friends are welcome to form a table.
Cost:
Alumni Association Financial Members (and their partners) - $45/hd
Non Financial Members and other guests - $50/hd
(includes three-course meal, music and entertainment)
Dress:Lounge suit
Music by 'Fresh'
Enquiries/bookings: contact Viv McIlroy in the Alumni Office
Ph (02) 4221 3169
Fax (02) 4221 3233

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TRUDI BINION
BCom 1997; BRW Marketing Student of the Year 1996

Earlier this year, Trudi Binion was featured in Business Review Weekly as one of the top business students in the country. She was named the 1996 Ammirati Puris Lintas marketing student of the year and was described as having 'the qualities leading companies seek in undergraduate employees'.

Since completing her commerce degree last year, Trudi has been putting her marketing skills to good use by working for Unilever as a marketing assistant. This is part of a management traineeship which consists of a number of rotations in various areas of the company, such as marketing, sales and human resources.

Trudi has known since early high school that she wanted to have a career in business. 'The whole image appealed to me,' she says.

Not only was Trudi an outstanding student during her time at Wollongong, but she also worked part-time and became involved in community activities. Her qualities are keenly sought by employers, who want more than straight academic achievers. They prefer the 'Renaissance' graduate, with a well-rounded personality and proven social skills as well as a superb academic record.

Trudi certainly had stiff competition for her position with Unilever, being one of just 15 employed from 4,000 applicants. She is delighted with this opportunity, and says the experience and training that she is gaining will give her a hands-on overview of a multinational company. 'From here I can progress into a manager's position within two to three years,' she explains.

'I will be a marketing manager by the year 2000. Ultimately I will achieve my personal and professional objective of becoming an international marketing manager, marketing consumer products globally.'

BETH FACER
BA Syd, DipEd 1969, MStudEd 1979, MA(Hons) 1986

Beth has had a long association with the University of Wollongong. Her husband, Dr Richard Facer, was a member of the academic staff in the Department of Geology for 14 years, and her mother, Dr Win Ward, is a Fellow of the University and an active member of the Campus Alumni.

After completing her BA at the University of Sydney, Beth returned to her home town in 1968 to study for her DipEd during the first year the course was offered at the then Wollongong University College.

Following a number of years spent teaching English and history, and caring for her children, Beth returned to the University of Wollongong to study for a postgraduate BEd. This degree was later converted by the University to the Master of Studies in Education.

Meanwhile, Beth had begun research for a MA(Hons) thesis, supervised by Associate Professor Philip de Lacey. The thesis subject was the progress being made by Indo-Chinese refugee children in New South Wales schools.

Beth's education studies were extended when she accompanied Richard on sabbatical leave to North America. She researched education programs being developed for children from minority cultural groups and for children with disabilities in Canada, and early childhood education intervention programs within the Head Start Project in the USA.

Following the family's move to Sydney, Beth was appointed as a teacher within the Macquarie University Program for Developmentally Delayed Children. This led to her employment as a special education teacher at the Early Education Clinic.

An incorporated body, the Early Education Clinic is located at North Sydney and Rosehill, and provides education, physiotherapy and speech pathology for children aged from birth to school age with developmental delays and disabilities. The Clinic is supported by donations and fees, and also receives funding from the Ageing and Disability Department and the Department of Training and Education Coordination. In 1991, Beth was appointed to her present position as Director of the Clinic.

Beth's daughter, Rochelle, is presently in training for emergency medicine at Royal Prince Alfred Hospital, and her son, Geoffrey, is completing a PhD in physics on the subject of semiconductor nanostructures.

Beth's husband, Richard, continues to work at the University of Sydney and acts as a consultant in the earth resources sector.

MICHELLE TURNER
Study Abroad Student in 1992

After studying abroad for six months at the University of Wollongong in the first half of 1992, Michelle graduated from the University of Colorado in May 1993 with a degree in business administration.

She worked in Denver and Atlanta for eighteen months for Transport International Pool, a semitrailer leasing company. During that time she returned to Australia for a fortnight's vacation in 1994.

Currently Michelle is a C-130 pilot for the US Air Force Reserves, flying out of Milwaukee, Wisconsin. She would like to say 'hello' to the friends she made while...
KELLY STEWART
(formerly DeMasso)
Exchange Student in 1989

Kelly attended the University as part of her applied mathematics studies, spending the first half of 1989 in Wollongong.

Since then she has obtained a bachelor's degree in mathematics, and has held several positions in the United States, including manager for the Hertz Corporation in Park Ridge, New Jersey.

In 1992, Kelly found herself drawn back to Australia to catch up with friends, and again in 1995 for another year of study, this time at the Victoria University of Technology in Melbourne, where she completed a graduate diploma in secondary education.

'Being an exchange student at Wollongong was not only helpful in my personal growth and studies,' Kelly says, 'but was also the place where I met the man who was to become my husband!' Kelly has married an 'Aussie' whom she met at International House! His name is John Stewart (BE 1992), and he and Kelly are now living in Melbourne, where she works as a training officer for MapInfo Australia.

Anyone wishing to contact Kelly can do so via the Alumni Office.

JENNY YUEN HING LO
GradDipCom 1991

Jenny has returned to Hong Kong after studying accountancy at Wollongong and is working with a company called ABB Holding Ltd. She says that in September last year she was promoted to Country Controller.

LUTZ BARZ
BA 1979

Lutz is busy writing and tells us that he will have an occult adventure story, starting with aboriginal voodoo culture and culminating in the Soviet invasion of Afghanistan ('for good reason'), ready for publication, after professional editing, some time this year.

He also says a sequel will follow. He is interested in writing a non-fiction book on the 'gods' of mythology ('no spacemen', he stresses) and the 'myth' of 'Atlantis' and its religious and scientific implications.

KATHERINE NOBBS
BA(Hons) 1983, MA(Hons) 1986

After working as a psychologist for the Department of Health from 1984-89, and as a part-time TAFE counsellor whilst running a private practice, Katherine moved to The Netherlands in 1991.

There she has set up a private practice for English-speaking clients from all over the world. Katherine adds that as well as working, she has two lovely sons aged five years and six months. She is also busy painting in watercolours.

integration/inclusion
at what cost?
Anyone with an interest in education is invited to hear a variety of positions on this topic at a
FORUM
being hosted by the Education Alumni
Tuesday, 2 September 1997
3.30 for 4.15pm start
Function Centre, Level 2
UniCentre
(Union Building)
Panel Members:
Val Davies
(Parent)
Carla Fasano
(Professor of educational policy)
George Green
(Assistant Director-General, Dept of School Education)
Ted Kenny
(NSW Teachers' Federation)
Christine Sulzryski
(Special education consultant, Dept of School Education)

COME ALONG AND MAKE YOUR VIEWS KNOWN!
Enquiries/bookings: contact Viv McIroy in the Alumni Office before 26 August
Ph (02) 4221 3169
Fax (02) 4221 3233

Outlook Autumn/Winter 25
In 1995, Paul Rybak was invited to Poland’s famous Lodz Film School (where filmmakers Roman Polanski and Andrzej Wajda trained) by the School’s Vice-Rector, Andrzej Bednarek and the late Krzysztof Kieslowski of ‘Three Colours’ trilogy and ‘Double Life Of Veronique’ fame.

The purpose of the visit was to discuss Paul’s screenplay, ‘The Dancing Girl’, a film which tells of a Polish printer who immigrates to Australia. Suffering Alzheimer’s disease, she later attempts to recount her life by her painting and through her daughter.

‘It was an immense honour to be invited by such famous filmmakers,’ says Paul, ‘and as my father was born near Zelazowa Wola, the birthplace of Chopin, and it being the first time that I had visited the home of my late father, I walked around in a daze for the first few days.’

Paul is extremely proud of the Poles’ independent spirit and culture, which is reflected by the country’s tumultuous history. Music influences much of Paul’s writing, and, during his visit to the Lodz Film School, he was taken to the home where the pianist Artur Rubinstein (famous for his interpretations of Chopin) was born. He was also given a private visit through Chopin’s birthplace.

‘I don’t think there’s a more grateful student than me, as I entered the Faculty at quite a difficult period of my life.’

It is hoped that discussions to produce the film will begin in December with director Agnieszka Holland, an Academy Award nominee. Chair of the Illawarra Polish community and artistic adviser to the Polish Consulate, Wanda Kolodziej, says, ‘We are very proud of Paul’s achievements in advancing Polish art and look forward to his future results.’

During Paul’s four years studying at the University, he says the biggest influence on his development as a writer was creative writing lecturer, John Scott. John is the multiple award-winning author of novels and poems, and was also the screenwriter of the internationally-acclaimed film ‘What I have Written’. In 1997, he was shortlisted for the Miles Franklin Award for his novel ‘Before I Wake’.

‘John is the finest teacher I have had in my life,’ Paul explains. ‘He’s that one teacher that if you are lucky to find, can transform you.’

Paul is indebted to the Faculty of Creative Arts at the University for helping him to develop as a writer. ‘I don’t think there’s a more grateful student than me, as I entered the Faculty at quite a difficult period of my life.’
Not only did he direct me into different styles and genres, continually suggesting new authors to me, he encouraged me and at the same time gave me confidence at a time of my life that was quite troubled.

Paul is very proud of the fact that he is a graduate of the Faculty of Creative Arts. He says it is the only such faculty in the southern hemisphere that encourages the cross-fertilisation of ideas with students of other artistic disciplines. One of his favourite memories is of the 'Art Of Lunch' series, when visiting and local pianists, writers and visual artists give a free performance every lunchtime Thursday during session.

It was through French poets' translator, Mark Hutchinson, a contact of John Scott's in Paris, that Paul experienced one of the best periods of his life. He recalls, 'I remember meeting fellow artists and drinking in the cafes that Hemingway, Proust and Jean Cocteau frequented, and visiting Pere-Lachaise cemetery where Proust, Chopin and other famous artists are buried. I walked around Paris for weeks in seventh heaven.'

'My love of art kept me going through some pretty tough emotional times.'

About his earlier life, Paul says, 'My grandmother was a great storyteller who used to run a boarding house in Goulburn. She entertained me for hours with incredible tales of murderers, ghosts, thieves and philanthropers, and I never knew if they were real or if she made them up!' An only child, Paul's parents died very early in his life, but had enough time to instil in him an immense appreciation of art. 'My father was an accomplished pianist, and my mother a painter and voracious reader. My love of art kept me going through some pretty tough emotional times. I would read the lives of great artists and listen to their music, and watch great films and theatre to try to fathom things out.'

'The themes of morality, isolation and freedom permeate Paul's writing. 'Like Proust, I'm fascinated by the endowment of memory, and its capacity to predominate conscious and unconscious thought, thus initiating us into an adult world of love and pain. A lot of my characters attempt to reconcile their lives through childhood memories and if possible, reinvent themselves.'

The atonement of memory is behind Paul's latest project, 'Mitten Hill', which he hopes will be sold to ABC Television as a mini-series when he meets ABC producers later this year. The series recounts the reconciliation of an aged priest, who has lost his faith with God, himself and those around him and is sent to a country town to be forgotten. The theme music for the series is the third movement of Beethoven's Late String Quartet Op.132, which conveys Beethoven's gratefulness to the divinity after recovering from an illness.

In September, ABC Radio National will broadcast Paul's radio drama 'Quite Unlike Me', an account of an alcoholic botanist who has been found frozen to death in a park. It is described by ABC producer, Anne McInenry, as 'extremely poignant, and, as the title suggests, the audience is given a false sense of security into believing that it can't happen to them.'

This radio drama has been performed by Rob Menzies, the grandson of Australia's longest-serving prime minister, Robert Menzies. 'When the ABC rang me up and told me who the actor was, I was nearly floored,' laughs Paul. 'Rob is a great orator like his grandfather, and I was very honoured at having him act and read out my work.'

On a lighter level, stand-up comedy is another area that Paul is developing. By all accounts he stays them in the aisles at the Harold Park Hotel in Sydney and local hotels with the 'Fratiano Suite', a series about an eloquent book-loving, tweed-attired 85-year old Mafia veteran, Jimmy 'The Weasel' Fratiano, whose opponents have the unfortunate habit of falling out of penthouse windows.

Fratiano frequents the exclusive 'Sniff Sniff Club' with cronies such as Bruno 'The Boot' and Mick 'The Stick', philosophising and wreaking havoc everywhere.

Segments have been broadcast on ABC radio with great success. 'What I like about writing this type of comedy is that whilst it is surreal and over-the-top, you can take the mickey out of all sorts of people and situations without offence, and it could just about happen in real life.'

One other project Paul is keen to complete is a comedy screenplay called 'The Incredible Hotel Suitcase Murder', about Phar Lap's heart being stolen from a museum and being held for ransom, resulting in the downfall of a bunch of villains who gamble and drink their way to oblivion.

'I told Sharon Bell, Dean of the Faculty of Creative Arts, about it,' Paul says, 'and she laughed so much she suggested that I meet with Rebel Penfold Russell, the producer of 'Priscilla - Queen of the Desert'.'

For the moment Paul works at the University Union (now the UniCentre) Bookshop and is amazed at the incredible number of people from different cultures and disciplines whom he encounters.

With twelve major works being developed in film, radio and theatre, Paul Rybak must surely soon be recognised as one of Australia's upcoming writing talents, and evidence of the teaching capabilities of the University of Wollongong.

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OUTLOOK AUTUMN/WINTER

ALUMNI PROFILE
University careers services are introducing a high tech addition to the wide range of assistance they provide to students and alumni with the launch of gradlink™.

gradlink™ is an internet-based vacancy service which enables employers to promote vacancies to a range of universities via one initial careers service contact.

A joint initiative of the National Association of Graduate Careers Advisers and the Graduate Careers Council of Australia, gradlink™ is aimed at both large and small recruiters of graduates. As well as vacancy information, the system offers a range of job-seeking advice prepared by careers services and detailed labour market information from the annual Graduate Destination Survey.

Alumni wishing to become registered users of gradlink™, which is a free service, should contact the University's Careers Service, either electronically or in person. Registration can be organised by contacting the Careers Service on the World Wide Web at http://www.uow.edu.au/student_srvs/careers.html. Other web sites related to employment can also be accessed via the Careers Service homepage.

The University's Careers Service is located on Level 3 of the UniCentre Building, ph (02) 4221 3325.

**ELECTION OF TWO CONVOCATION MEMBERS TO THE UNIVERSITY COUNCIL**

Under the University Act, the members of Convocation* elect four of their members to the University Council. At the end of 1997 two such positions will fall vacant. The term of office for the elected members will be four years from 1 January 1998.

Nominations from members of the alumni are invited. This is your opportunity to have a voice in the affairs of the University through its governing body, the University Council.

If more than two nominations are received, an election will be held, with voting papers despatched later this year. So be sure to vote when you receive the ballot papers and return them by the date indicated.

For further information about how to nominate please contact Jane Golding on telephone (02) 4221 4136.

* The Convocation members are elected by and from the members of the Convocation of the University, which consists of: graduates of the University; graduates of the University of New South Wales who were enrolled for at least three years at the Wollongong University College; graduates of the Wollongong Institute of Education and of the Wollongong Teachers' College; the past and present members of the Council; the members of the full and part-time academic staff; the full-time non academic members of staff who are graduates of other universities; other such members as have been approved from time to time by Council on application.
ART AND SCIENCE: A HAPPY CONVERGENCE

An exhibition of portraits, entitled 'The Clever Country - Scientists in Australia', was recently put together by the National Portrait Gallery in Canberra. Among the seventy or so portraits of notable Australian scientists was a face familiar to many on campus: Dr Keith Tognetti.

Not only was a University of Wollongong scientist represented at this prestigious exhibition, but the portrait itself was painted in 1986 by talented artist, Dr John Eveleigh, previously senior lecturer in the University's former School of Creative Arts.

This convergence of artistic and scientific talent evolved from the friendship between these two eminent academics, which began soon after John Eveleigh came to Australia from Britain in the early eighties.

John once described Keith as a quite outstanding academic and 'a man of very many parts', referring both to his mathematical research and his great interest in nature. In painting Keith, John decided that a full-length portrait was appropriate, as it shows his subject 'at once concentrated and relaxed, but there is a tension in the clasped interlocking hands which I've not fudged'.

By the time he came to Australia, John Eveleigh's reputation as a painter and teacher was firmly established. His paintings were exhibited in a number of well-known galleries in the UK, including the Royal Academy, and for many years he was head of the Arts Centre in Folkestone, Kent.

Whilst lecturing at Wollongong, John also devoted himself to building up the University's permanent art collection, which is still growing today under the stewardship of Australian artist, Guy Warren.

When John was made a Fellow of the University in 1989, Professor Ken McKinnon, then Vice-Chancellor, commended John for his determination in nurturing the permanent collection, and said the University was honouring him for his recognised ability as a painter. 'As a relative newcomer to this country,' said Ken McKinnon, 'John has captured its landscapes, both natural and manmade, with a fresh appreciation for the strength of light and colour.'

A senior lecturer at the University from 1984-91, John Eveleigh then moved to James Cook University of North Queensland for two years as visiting professional fellow. In 1994 he returned to live in England, where he is still based in his home town of Folkestone in Kent.

John regularly exhibits his paintings in Britain, often combining works painted in Australia and in the UK. A recent exhibition, 'Trees in Two Hemispheres', is a brilliant exposition of the contrasts of vegetation and colour.

But to return to Keith Tognetti, the subject of John's portrait... Keith has been a part of the University since 1969, when he came to the then Department of Mathematics as a specialist in operations research.

Over the years, Keith's teaching and research have covered areas such as computer simulation, number theory and the mathematical theory of chaos. Of particular interest to him is 'artificial life', a multi-faceted approach to the modelling of computer-simulated life systems, in which the main concern is the evolutionary development of patterns.

Although Keith retired in 1993, he is still very much part of the University, where he is honorary principal fellow in the School of Information Technology and Computer Science within the Faculty of Informatics.

Keith is well known for his deep love of nature and his concern for the environment, and he has been influential in the landscaping of the campus. At the time he painted Keith's portrait over ten years ago, John Eveleigh remarked, 'Keith Tognetti is a man of wide interests and deep convictions. His profound interest in plant forms, for example, is reflected not only in his mathematical research, but also in the rich variety of shrubs and trees to be found on campus.'

John for his determination in nurturing the permanent collection, and said the University was honouring him for his recognised ability as a painter. 'As a relative newcomer to this country,' said Ken McKinnon, 'John has captured its landscapes, both natural and manmade, with a fresh appreciation for the strength of light and colour.'
Last November the University of Wollongong Library was the recipient of an Australian Quality Awards 1996 Achievement in Business Excellence, placing it in a select group of 28 organisations honoured by the NSW Premier at a special function. Deputy University Librarian, Felicity McGregor, explains the significance of this award and the quality management processes which instigated it.

The Australian Quality Awards Foundation (AQF) is a subsidiary of the Australian Quality Council. The AQF has developed assessment criteria which provide a framework for defining sustainable organisational excellence.

The awards program assists enterprises to measure the progressive improvement in their practices and results with clear milestones along the path. Involvement in the program provides an external assessment of progress and, according to the AQF, is an excellent way of accelerating improvement and benchmarking.

There are several levels of award and organisations apply for the level which best reflects their perceived progress. The Achievement in Business Excellence Award is presented to an organisation which has clear plans in place and is taking positive actions across many of the areas described in the awards assessment criteria. These comprise: leadership; strategy, policy and planning; information and analysis; people; customer focus; quality of process, product and service; and organisational performance.

The Quality Awards program has been operating since 1991. In 1996, 58 organisations applied for different levels, covering a broad range of industry, public and private, large and small. Twenty-eight enterprises were recognised at ‘Achievement’ level, including the libraries of the University of Wollongong and the University of Melbourne, the first libraries to be recognised in this program.

This recognition is important to the University, as it is increasingly exposed to international competition and to demands for more flexible approaches to the delivery of educational programs, both on and off-campus. Libraries are at the forefront of changes in scholarly communication and the use of information technology, and are thus well-placed to support the University in meeting these demands.

Although print-based publications remain important sources of information, libraries are more than just storehouses for books. The effectiveness of a library is no longer the size of its collection, but how quickly and efficiently it can meet the demands of its users.

Library staff constantly refine the skills required to locate information, navigate the Internet and teach others how to access information. These skills provide a basis for life-long learning and are critical to the success of students in their studies, their future employment and as information-literate citizens.

The quality management program which the Library introduced in 1994, under the banner of Quality and Service Excellence, built on a decade of planned change within the Library.

The changes implemented included automation of all major processes, adoption of information technology to deliver access to on-site databases and other information sources, and innovative management strategies, especially in the human resources area. These changes resulted in a team-based, relatively flat structure, a highly skilled and empowered workforce and a positive, change-oriented culture.

Total quality management includes all of the above elements and therefore presented a suitable framework for building on these achievements and for meeting future challenges. It also provided the impetus for the Library to improve its performance measurement methods and to involve clients more explicitly in planning, evaluating and improving the Library’s services.

The awards evaluation process required the involvement and commitment of all Library staff as well as considerable preparation time. However, the recognition received from the Awards program, the Vice-Chancellor, the University Council and many colleagues, both on and off campus, provided the necessary rewards and reinforcement to continue the Library’s commitment to its improvement program.

One outcome of the process was a more competitive organisation focused on delivering services attuned to client needs and expectations. Students have higher expectations of the University in a fee-paying environment, and this includes library services.

The Library’s success in meeting current expectations, as well as planning judiciously for future services in an increasingly flexible and volatile learning environment, will contribute in no small way to the University’s student attraction and retention strategies.
UNIVERSITY OF WOLLONGONG
ALUMNI ASSOCIATION INC.
Invites you to stay in touch

WHO ARE THE ALUMNI?

The alumni are comprised of three main groups:

- Graduates and diplomates of the University of Wollongong and its antecedent institutions (ie Wollongong University College, Wollongong Teachers' College and Wollongong Institute of Education)
- Former staff of the University and its antecedent institutions
- University of Wollongong Study Abroad and Exchange Students

Current students and staff of the University are also welcome to join the Alumni Association as Associate Members.

WHAT IS THE ALUMNI ASSOCIATION?

The Alumni Association offers excellent professional and other networking opportunities, as well as a way to stay in touch with old friends. It also enables you to remain involved with your University.

The Alumni Office organises reunions and assists in the formation of alumni chapter groups. The alumni magazine, the 'Outlook', is mailed twice a year to all alumni free of charge.

University memorabilia may be purchased from the Alumni Office (see overleaf).

Remember, as the University's reputation grows both in Australia and overseas, the value of your own qualification also increases.

HOW CAN I JOIN AND WHY SHOULD I WANT TO?

As a graduate or former staff member of the University you are automatically a member of the Association and, provided you tell us whenever you change your address, you should receive the 'Outlook' twice a year free of charge.

An optional membership category - Financial Membership - entitles you to full rights within the Association and enables you to participate in the chapter groups. As a Financial Member you will also be eligible to benefit from a range of special rates which have been negotiated on your behalf.

These include:

- Internet access at low rates (available in all capital cities and most metropolitan areas in Australia, but you must visit the IT Shop on campus to register initially)
- Access to computer training courses on campus at low rates
- Competitive pricing on computer equipment purchased through the IT Shop on campus
- Competitive travel rates through Muirhead (STA) Travel on campus
- Special accommodation rates
- Discount at the Retail Centre and Bookshop on campus
- Reduced rates for graduation plaques
- Reduced rates at some alumni functions

WHAT DOES IT COST TO BECOME A FINANCIAL MEMBER?

Subscription rates are $25 per annum or $95 for a five-year period. You may choose to join the umbrella Alumni Association or to be a member of one of the chapters which are mostly faculty or regional based (see form on this page). Just complete the form and return it, with your payment or credit card details, to the Alumni Office at the University.

Alumni Office, University of Wollongong
NSW 2522 Australia
Tel: (02) 4221 3169 or 4221 3249;
Fax: (02) 4221 3233
International: 61 + the number
Email: alumni@uow.edu.au

APPLICATION FOR FINANCIAL MEMBERSHIP OF THE UNIVERSITY OF WOLLONGONG ALUMNI ASSOCIATION INC.

Surname: ____________________________
First name(s): ____________________________
Gender: M or F: ____________________________
Full name at graduation (if different from above): ____________________________
Current mailing address: ____________________________
Postcode: ____________________________
Country (if outside Australia): ____________________________
Telephone: ____________________________
Email: ____________________________
Date of birth: ____________________________
Degree(s) awarded: ____________________________
Date course(s) completed: ____________________________
Current occupation: ____________________________
Job title: ____________________________
Employer's name and address: ____________________________
Postcode: ____________________________
Telephone: ____________________________
Fax: ____________________________

CHAPTER GROUPS

Please indicate below which chapter you wish to join.

These are currently Commerce, Engineering, Education, Campus Chapter, Shoalhaven and Science, or if you would be interested in others as they form:

My cheque (or postal money order) payable to the University of Wollongong Alumni Association Inc is enclosed:

- $25.00 annual membership (valid to 31 December 1997) OR
- $95.00 for five years' membership (valid to 31 December 2001)

Alternatively, please charge this amount to my:

- Bankcard
- MasterCard
- Visa

Name on card: ____________________________
Card No: ____________________________
Expiry date: ____________________________
Signature: ____________________________
Date: ____________________________

NB: Former staff wishing to join the Association as Financial Members may use this form and are asked to supply additional information as follows: dates of employment, departments/units in which employed and job title(s).

ALUMNI RESPONSE FORM

Tell us where you are and what you’ve been doing since leaving the University - and please send a good photo too.

Just complete your name and address, as well as your degree and other details on the form on this page, and outline your news below

Signed: ____________________________
Date: ____________________________

PLEASE USE EXTRA PAPER AS NECESSARY

I am happy for you to publish these details in a future issue of the 'Outlook' magazine.

Signed: ____________________________
Date: ____________________________
UNIVERSITY OF WOLLONGONG
MEMORABILIA ORDER FORM

The following items may be ordered by completing the form below and returning it with your cheque or postal money order to:
Alumni Office, University of Wollongong
NSW 2522 AUSTRALIA
Tel: (02) 4221 3249 or 4221 3169; Fax: (02) 4221 3233

Note: There are two prices associated with each item. Mail order prices are shown on the right, but you can also buy and collect items direct from the Alumni Office which is located on the ground floor of the Administration Building, behind the International Office. For any items over $15.00 to be sent overseas, please add $5.00 for postage.

Name: 
Address: 
Postcode: Country (if outside Australia): 
Telephone: Home ( ) Work ( )

<table>
<thead>
<tr>
<th>Item</th>
<th>Direct Price AS</th>
<th>Mail Price AS</th>
<th>Quantity requested</th>
<th>Cost AS</th>
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<tr>
<td>Grad Bear *</td>
<td>48.00</td>
<td>56.00</td>
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<td>Grad Bear (Junior) *</td>
<td>33.00</td>
<td>41.00</td>
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<tr>
<td>Polyester Tie (Multi Crest only) *</td>
<td>18.00</td>
<td>20.00</td>
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<tr>
<td>Silk Tie (Multi / Single Crest *)</td>
<td>40.00</td>
<td>42.00</td>
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<td>Scarf (Blue / Red Border *)</td>
<td>15.00</td>
<td>17.00</td>
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<td>Uni Boxer Shorts (S / M / L / XL *)</td>
<td>35.00</td>
<td>37.00</td>
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<td>Wall Plaque (150x95 mm* or 180x148mm*)</td>
<td>48.00</td>
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<td>Desk Plaque *</td>
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<td>Coaster (single - with colour medallion) *</td>
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<tr>
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<td>28.00</td>
<td>32.00</td>
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<tr>
<td>Paperweight (with bronze medallion) *</td>
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<td>34.00</td>
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<tr>
<td>Paperweight (with colour medallion) *</td>
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<td>Post-it note pad holder *</td>
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<td>32.00</td>
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<td>Timber ballpoint pen *</td>
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<tr>
<td>Timber ballpoint pen &amp; pencil *</td>
<td>85.00</td>
<td>89.00</td>
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<td>Car Badge</td>
<td>22.00</td>
<td>26.00</td>
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<tr>
<td>Key Ring (brown or blue leather / brass*)</td>
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<td>Lapel Pin</td>
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<td>Embroidered Cloth Badge</td>
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<tr>
<td>Car Bumper Sticker</td>
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<td>University Crest Sticker</td>
<td>1.50</td>
<td>2.00</td>
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</tr>
</tbody>
</table>

* Delete as appropriate
* Hand-crafted in Australian timber and gift boxed
* Full name of Degree/Diploma (for correct academic dress):

My cheque (or postal money order) for $................. payable to the ‘University of Wollongong’ is enclosed,
OR please charge this amount to my: Bankcard / MasterCard / Visa
(Delete as applicable)

Card Number: 

Name on card 

Expiry date: / Signed: Date: 