DEAR READER

Sirius Reader Survey

It would be a great help to the Sirius team if you would take a few minutes to complete and return the enclosed Reader Survey.

Macquarie mails out over 60000 copies of Sirius twice a year to local and overseas alumni and members of Convocation for whom we have current addresses. The numbers are increasing, as our alumni numbers grow. However, in this electronic age, in the Survey we have also asked readers to let us know whether they would be happy to access Sirius on the web instead of receiving a ‘hard copy’. Sirius is already accessible on the Alumni Office pages of the Macquarie website, and we hope to improve the ease of downloading in the near future.

At this stage we are just trying to gauge the mood of readers on this question and the next issue will continue to be mailed in the usual way.

Many thanks for your participation in our Survey. Sirius is your magazine and we plan to use the comments provided by our very diverse readers to make it as effective and interesting as possible – and, we hope, to make it the #1 Australian alumni magazine.

Bronwyn Duncan
BA(Syd) GDip EditPubl 1991
Editor, Sirius
July 2005

Contents

Features
4 New Institute for Innovation
5 Ancient Egypt’s buried secrets
10 Macquarie’s pioneering third mission

People
6 Alumni profiles
24 Where are they now?

Academic life
12 Postgrad power
14 MUSA 2005
15 New Global Leadership Program
15 Learning Activity Management System (LAMS)
28 World Year of Physics

Regulars
3 From the Chair
16 Campus news
18 What’s on at Macquarie
19 Alumni events
20 Alumni benefits program
21 Alumni chapter development
22 Alumni news
26 Graduate grapevine

Cover: One of the ‘world’s best preserved mummies’ uncovered by Professor Naguib Kanawati and his team at Saqqara this year. Photo: Effy Alexakis

Alumni are major stakeholders in Macquarie University and deemed part of it, as defined under Section 14 of the Macquarie University Act 1989. Supportive alumni can dramatically enhance the University’s success and reputation. Both positive statements and practical support are very helpful.

Macquarie now has around 85000 alumni, and the 100,000th person to graduate is expected to do so in April 2006.

About 100 countries are represented in our graduate community, from Asia through to Europe and America. Most alumni, though – some 52000 – live in the Sydney metropolitan region. There are around 1000 alumni in Queensland, and similar numbers in Victoria, with lesser numbers in the other states and territories.

The Alumni Office warmly supports alumni who want to start or get involved in alumni chapters in different regions and overseas (see p.21).
from the Chair
of the Standing Committee of Convocation

Alumni Awards, activities and functions

The inaugural Alumni Awards for Distinguished Service were presented at a ceremony on 25 May. These prestigious awards were established as part of the University’s 40th anniversary commemoration, to recognise and honour the outstanding achievements of nominated Macquarie alumni.

I am pleased to announce that the first recipients are:
• Professor John Croucher, for his contribution to the research and teaching of mathematics, operations research and statistics and their practical application;
• Ms Tonia Godhard AM, for her contribution to early childhood education and to the profession;
• Dr Gregory Taylor, for his contribution to the actuarial profession and as a pioneer of actuarial involvement in general insurance in Australia.

A new scholarship, the Garrawi Indigenous Scholarship, was awarded to David Maher at the same ceremony. Supported by the alumni, the scholarship enables David to undertake a masters degree by coursework in social health. The name ‘Garrawi’ is an Indigenous word for the sulphur-crested cockatoo, a frequent visitor to the campus, and was suggested by Warawara, the Department of Indigenous Studies in the Division of Society, Culture, Media and Philosophy.

Warm congratulations to all recent winners of awards, prizes and scholarships, and thank you to our donors, whose contributions make it possible to provide students with opportunities which might otherwise be unavailable.

The first half year has seen some novel and different events for alumni, thanks to the energy and dedication of the Alumni Office. Two innovative and successful events were a First Grade Rugby Day held between Eastwood and Parramatta at the University Sports Fields in April, and a highly enjoyable Dinner and Beer Tasting at the Redoak Boutique Beer Café in June. These activities have widened the circle of alumni friends reconnecting with the University. As well, the annual series of lectures and chapter developments continue to foster this wider contact.

This is the last issue to be published before our Vice-Chancellor, Emeritus Professor Di Yerbury AO, steps down at the end of this year. Di has served Macquarie as Vice-Chancellor since 1987 and, to mark her 19-year term, a special supplement to Sirius will be printed and available online shortly before her retirement. In addition, the Alumni Office has organised an alumni dinner in her honour on 24 November (see p.19).

In this issue I wish to record the sincere thanks of the Standing Committee for Di’s support and dedication to alumni objectives over all her years as Vice-Chancellor. We have been privileged to have Di as a member of our Committee, a role she has performed actively and with warm enthusiasm. Thank you Vice-Chancellor, most sincerely.

Pamela Kenny, BA(ANU), DipTertiary Ed(NE), Master of Arts, 1997
Something old, something new:
‘Australia’s Innovative University’ raises bar with new Institute

To innovate: to bring in something new; make changes in anything established. The Macquarie Dictionary

One of Macquarie’s early and most successful innovations was The Macquarie Dictionary, the revolutionary dictionary of Australian English published almost 25 years ago. The gestation was long and difficult, marked by years of dedicated research by Professor Arthur Delbridge and other distinguished scholars and the waxing and waning fortunes of potential publishers.

A quarter century on, now thoroughly identified as innovative and entrepreneurial, Macquarie has established a new Institute for Innovation, led by international microelectronics expert and technology manager Professor Craig Mudge.

You might wonder why it has taken so long to formalise, teach and study the practice of innovation at Australia’s Innovative University’. Perhaps it was just too busy doing it. Perhaps it needed the compelling scope and rate of change of the 21st century to generate a self-conscious focus. Or perhaps it’s simply an idea whose time has come.

Today, the drive to innovate often carries a sense of urgency and risk-taking – make it happen, beat the competition. Yet many innovations arise from the vision ary eye on the far horizon, from people with a deeply held conviction and long-term commitment. The Macquarie Dictionary testified not only to the innovative, risk-taking spirit of its initiators and backers, but also to their abiding faith in its worth and meaning.

Words like ‘abiding faith’ and ‘meaning’ aren’t headliners in our change-addicted era, but Craig Mudge points out they are central to the philosophy of successful innovators like Guy Kawasaki – product evangelist, champion of Apple Mac computers and founder of Garage Technology Ventures. Kawasaki’s powerful core message is, ‘when starting a company, make meaning’ and he cites three ways to do it: increase the quality of life; right a wrong; prevent the end of something good.

Craig’s own resume is crammed with bold pioneering ventures, from early experience at CSIRO working on the country’s first microchip research, to computer design in companies like Digital Equipment Corporation (now part of HP), leading the computer science lab at the legendary Xerox PARC, and software start-ups in Silicon Valley. 'I've found it very exciting. I like to start new things that really have meaning. I'm less interested in simply copying a California marketing success such as juice bars, where there's no new knowledge and the market risk has been eliminated.'

Now, he wants to put together a group of people who can teach the business of innovation in this country. Part of his brief is to ‘lift the spirit of enterprise across the entire student body’ – from science to the humanities.

The overlapping use of the terms innovation, enterprise and entrepreneurship can be confusing, but they are dynamically connected, as Craig’s new teaching programs make plain. Commencing in 2006 is a broad undergraduate unit for all students labelled ‘enterprise’, designed to teach the skills and confidence that shape working lives beyond the traditional role of ‘employee’.

A second undergraduate unit will cover ‘technology entrepreneurship’, while postgraduate units include business and IP management, and social, biotechnology and technology entrepreneurship. The Institute will also deliver short courses for start-ups and established companies.

Craig defines entrepreneurship broadly as ‘recognising an opportunity and marshalling resources to go after it’. Vigorous engagement with both business and not-for-profit sectors are on the menu.

‘Any enterprise, for profit or otherwise, that we start here will be born global,’ he explains. ‘My core message to industry is that we will be practical, international and connected.’

He defines an innovative enterprise as one that is outward-looking and continually refreshing its products and services in context, recognising and responding to big trends. ‘Innovation can be ‘incremental’ or ‘disruptive’, but context is all-important.’

Even an innovative university is of course a work in progress. The Institute will offer tailored courses for academics and short courses to postgraduate students on how to build a sustainable business plan for commercialisation of research ideas.

‘One of my goals is to have industry and academia speaking each other’s language better than they do today. The startling thing about Silicon Valley is how well they have learned to do this,’ says Craig.

Note: Craig is keen to build a strong relationship with Macquarie alumni. ‘We’ll design customised short courses for alumni on request. But we also want to build the best stable of adjunct teachers and would love to have alumni on our team. We’ll provide training for those with the right experience and powerful stories to tell.’

If you think this describes you, don’t hesitate to email Craig at Craig.Mudge@mq.edu.au
Ancient Egypt’s buried secrets: world’s best-preserved mummies discovered

When Macquarie Egyptologist Professor Naguib Kanawati went to Saqqara in Egypt for his annual dig this year, he was looking for the fence outline of the Teti cemetery he has been excavating for the past decade. But three weeks into the dig, his team uncovered the first of three very well preserved and superbly decorated mummies. The first coffin uncovered was of beautiful cedar wood, indicating a special class of person. The mummy inside was very well preserved, with exquisite bead netting depicting the deceased’s face and collar, and figures of certain deities of the afterlife. There was also a standing figurine of the local god Ptah-sokar of Memphis (Egypt’s capital in the Old Kingdom) and two wooden boxes containing a substance in small cloth bags. While the substance needs analysis, it looks like natron, a salt used in the dehydration of the body for mummification. Nothing is thrown from the body in mummification because it would then be incomplete in the afterlife.

Once the team reached the level of King Teti’s tomb, another major discovery was unearthed – the tomb of Merti, the teacher of Teti’s son King Pepy I. Inside was found the most beautiful statue of Merti and his wife Bety. The discovery is very significant because only two other examples of teachers of the king buried in close proximity to the king have ever been found.

‘Our project is to record and publish everything about the cemetery – an unusual practice in Egyptology. The reign of King Teti of the Sixth Dynasty is very important. It was a time of immense political and religious change, and it’s also likely the King was assassinated – quite possibly because of these changes,’ Naguib explains.

His concession now also includes the tomb of King Teti’s vizier (Prime Minister) Mereruka, the husband of Teti’s eldest daughter. ‘Mereruka was the most powerful man in the kingdom at that time, because if there was no male heir to the king, he would succeed to the throne. However, you can’t build history only on prime ministers. You need to understand a cross-section of the society, and that’s why I decided to excavate the entire cemetery.

Footnote: The discoveries received huge press coverage after their announcement last March/April – at least 20 reports by newspapers, radio and TV around the country.

Source: story by Kathy Vozella, Macquarie University News April 2005 edition pp. 4-5

On Site Insight: a unique Saqqara photographic record

The 100-plus images in the On Site Insight exhibition shown at the University Art Gallery in May provide the only comprehensive photographic documentation of the dig at Saqqara. Shot by Macquarie senior photographer Effy Alexakis, the evocative images reveal the magnificent art and architecture of the ancient Egyptians, the daily toil and skill behind the excavations, and the surrounding landscapes.

‘You can see what it’s like to trace from a wall for eight hours a day, or imagine how it feels going down a very deep shaft by manual winch, feet in a twine basket while holding on to a rope. The idea that we were the first to see precious objects buried for thousands of years was mind boggling,’ says Effy, who also curated the exhibition.

The exhibition also captures the timelessness of today’s Egyptian villages, with images of contemporary life reflecting the scenes etched into the tomb walls.

Sponsored by Macquarie and the Australian Wheat Board, On Site Insight was first shown at Parliament House in Sydney and there are plans to exhibit it further afield.

Web: www.egyptology.mq.edu.au
Dr Jeremy Fisher, former Macquarie student activist and Executive Director of the Australian Society of Authors since 2003, is a strong advocate for Australian writers.

Writing and publishing is really where my heart lies and I’ve evolved from a career in publishing to now working with authors. The ASA has been operating since 1963 and it’s a wonderful organisation. I thought it was a good place to use my skills and abilities.

Describing himself as not afraid of a challenge and driven by issues, Jeremy Fisher has actively sought to advance the interests and status of Australian writers. Since his appointment in 2003 he has continued the ASA’s vigorous support of the Public Lending Right scheme. He is also campaigning to secure continued funding for Educational Lending Right, which currently distributes around $11 million per annum to Australian authors.

Another important project is the expansion of the ASA’s mentoring program, which nurtures new and emerging authors.

To be able to work one-on-one with an accomplished writer is essential to developing skills. It’s vitally important that mentorships are given to as wide a range of people as possible.

Jeremy has become interested in the use of digital technology to maintain access to culturally significant literature, pointing out that some of the work of authors as notable as Eleanor Dark, David Ireland and Patrick White are now out of print. Today, publications are given a very short shelf-life in a fiscally-driven industry. He speaks of the need to protect Australia’s literary heritage and maintain its accessibility.

The ASA has always had a policy to ensure that Australian culture has a strong and identifiable voice. We can be overwhelmed by the larger English-speaking markets. It’s all very well to have an open market, but when it comes to culture, if we get rid of all those things designed to protect the people who create it, we provide no incentive for them to continue and thus weaken our Australian identity.

Part of his philosophy is promoting a sound knowledge of the publishing industry. Drawing on his association with the Copyright Agency, Jeremy emphasises the importance of educating writers and academics on issues of copyright and contracts, which he feels should be an integral part of all writing courses.

Jeremy’s family emigrated from New Zealand in 1964 and he began studying English and Linguistics at Macquarie in 1973. He was drawn to the young campus by its innovative approach, which offered interesting course combinations and the specialties of prominent academics such as Arthur Delbridge, John Bernard and Thea Astley. He recalls it as a wonderfully stimulating and unique time, providing an invaluable basis for his future work in publishing, initially as sub-editor of the Medical Journal of Australia, then as General Manager of Harcourt Brace & Co and later McGraw-Hill.

As a frequent student contributor to the radical student publication Arena, Jeremy was able to combine his passion for writing and the pursuit of social justice, particularly in relation to gay rights. In 1973 he made a stand against homophobic and was expelled from his residential college. In a landmark alliance between the union movement and student activism, the Builders Labourers Federation imposed work bans at the University. Jeremy was eventually re-instated but chose not to return to the college. He is proud of what he describes as ‘a little footnote in the history of law reform and equality before the law’.

It’s taken a long time to come to terms with the after effect. I dislike bullying and people who push their opinions and beliefs on anyone. That’s really the point of how I’ve tried to operate in my life. I use it as a guiding philosophy.

Jeremy has been a long-time campaigner for sexual equality and sees fiction as an important vehicle for providing a universal voice for his concerns. His satirical political thriller, The Poofter’s Dog, emerged from his Doctorate of Creative Arts, completed at UTS in 2003. Apart from having written extensively on a wide range of homosexual issues, he has deep reservations about the way basic human rights are increasingly under challenge, including the persecution of dissident writers in many parts of the world.

Jeremy continues his association with Macquarie as a regular guest lecturer for the Graduate Diploma in Editing and Publishing, where he is able to share his valuable insights into the practical aspects of professional writing.

I enjoy teaching. I love being able to get different ideas and be challenged as well. His advice for aspiring authors is to be persistent and take note of constructive criticism.

Story: Cathy Panich
Alumni Working Overseas

In this issue we meet three Macquarie alumni whose work and aspirations have led to long periods overseas.

Henny Rahardja’s international career: the Macquarie advantage

Armed with two Macquarie degrees, five languages, private sector work experience and an intense interest in international affairs, Henny Rahardja was perfectly placed to take on the World Bank assignments she began 18 months ago.

As Communications Consultant with the Governance and Anti-Corruption group of the World Bank headquarters in Washington DC, Henny is responsible for communicating the work of the group and outreach to civil society groups, students, media and other global citizens.

Before this appointment Henny worked in microfinance, first as an intern with the World Bank regional office in Vietnam, and in 2003 with the People’s Bank of Indonesia (BRI).

‘There are two kinds of microfinance,’ Henny explains. ‘One involves a loan to government by organisations like the World Bank, and the government then assigns its own choice of agency to implement it. The other is a commercially viable model provided by banks direct to clients seeking to expand a going concern.’

It was while studying for her Master of International Relations degree at Macquarie in 2002 that she first came across the field.

‘I studied the Anthropology of Development, an elective taught by Dr Chris Lyttleton. Great teacher that he is, I was very much inspired to continue research beyond the classroom.’

While still a masters student, in late 2002 Henny was offered a rare three-month internship with the World Bank office in Vietnam, assigned to the Bank for Investment and Development of Vietnam, which was implementing a $200m World Bank loan to run a rural microfinance project across Vietnam.

‘I made weekly field trips meeting villagers and loans officers to find out what difference the loan was making. I was also trying to change attitudes to borrowing – which in Vietnam traditionally involves loss of face.’

In January 2003 Henny set another benchmark as the first Macquarie student to be offered an internship to UN headquarters in New York. To enable her to accept this rare opportunity, Macquarie’s International Office provided a scholarship to offset some of the costs of living in NYC, and she was allowed to finish the last semester of her MIR by distance study.

Henny’s Indonesian nationality helped clinch a third unusual opportunity a year later, when she was employed in microbanking research and fieldwork at the People’s Bank of Indonesia (BRI) – the most successful commercial microfinance bank of its kind in the world.

Looking back, Henny’s background is scattered with clues to her future. Born in Indonesia, educated there and in Singapore, she completed her last two years of schooling at Ravenswood in Sydney, where she showed her flair for languages.

Describing herself as a risk-taker, in 1998 she chose to be in the first intake to Macquarie’s new Bachelor of Business Administration ‘because of its management emphasis and the focus on organisational psychology and marketing’, which were not available at the three older universities that offered her a place.

Her international outlook was further cemented during her semester on exchange at the University of Illinois at Urbana-Champaign, and by her year studying French in Lyon after finishing her BBA.

As a student in the MIR program in 2002, Henny made full use of her energies and talents by working full time at Microsoft in corporate marketing and PR and studying at night. The same year, she also mustered support for a successful Macquarie bid to co-host the 11th Harvard Project for Asian and International Relations with Harvard University, and chaired the organising committee.

She went on to complete the MIR in only one and a half years with the maximum GPA of 4.0 and received the Vice-Chancellor’s Commendation for Excellence in Postgraduate Coursework.

Henny has a clear vision of how she might apply her experience and understanding of the private sector, and her passion for finding solutions to pressing global issues, to future projects.

‘I see real opportunities to persuade business to respond to social and health problems in developing countries. In Africa for example, we need to marshal all kinds of resources to fight AIDS. One way is to make corporations aware of the likely impact of AIDS on their staffing, customer base and, ultimately, bottom line.’

For now, she is thoroughly enjoying her work at World Bank HQ, where her contract has been extended. And – not content with her fluency in English and Bahasa Indonesia, and speaking French, Mandarin and Malay – she’s learning another language. This time it’s Spanish.

World Bank Communications Consultant
Henny Rahardja
Serious changes were taking place in environmental awareness, women’s and Indigenous rights and social norms, and the Vietnam War was centre stage.

‘I feel very fortunate to have studied at such a time at a new university outside the mainstream. I made many strong friends – we shared important experiences that haven’t been replicated since.’

Paul cites as strong academic influences the head of chemistry ‘Blue’ Barclay (down to earth, revolutionary approach to teaching chemistry) and earth scientist Alan Rundle (a ‘sceptical pragmatist’ who applied knowledge to the real world).

His Macquarie experiences laid the foundations for a dynamic 30-year career that has seen Paul grasp one challenge after another. Having graduated in 1974 with majors in geography and environmental studies, in the late 1970s he was one of the first planners to apply environmental consultancy he co-founded aged 32 became the most successful of its kind in the country; he ran a leading international aid and development organisation; and, currently, he heads the peak international body of the mining and metals industry.

But his first graduate job, undertaking environmental studies for a town planning and engineering consultancy, was a tricky start. ‘I had to feel my way. My studies had been very theoretical but I was expected to know how to apply the relevant knowledge from day one.’

His search for higher level applied skills led to postgraduate work at the University of Pennsylvania (Master of Planning), UNSW (Master of Applied Science) and later at Harvard Business School.

In 1984 he took the biggest plunge of his life and co-founded the consultancy Mitchell McCotter and Associates on a shoestring. ‘Our big start-up investment was $150 for a typewriter and at first we worked from home. My philosophy is that success and confidence come from taking one step at a time. A lot of people don’t fulfil their potential because they are overwhelmed by the ultimate goal rather than focusing on immediate challenges.’

The long-term aim was to become a national firm covering all environmentally-related disciplines. So successful was the strategy – the consultancy emerged as unique in providing the full range of skills in house – that by 1994 international opportunities and overseas buyers came knocking. The business was eventually sold to Environmental Resources Management and Paul remained MD of the resulting Australasian company until 1999.

Paul’s next move – to the post of CEO of CARE Australia – looked like a major change of direction but in fact realised a long-held ambition. ‘When I left uni, more than anything I wanted to work for a multinational development agency. In consultancy I’d worked for the World Bank and UN agencies and travelled a lot in SE Asia, where the poverty really struck me. CARE needed my kind of program management experience in a multi-office context and in return it offered a truly meaningful application of my skills.’

The largest NGO of its kind, CARE operates in over 70 of the poorest countries as an international not-for-profit contractor in program delivery and service. CARE Australia is responsible for operations in 22 of those countries.

In his three years as CEO Paul travelled thousands of kilometres, often in extreme conditions, in the Middle East, the Balkans and SE Asia, regions where CARE Australia has responsibility. It was a highly rewarding but demanding role in a difficult period of change.

Two years ago Paul was appointed Secretary-General of the International Council on Mining and Metals (ICMM), the London-based peak international body for the industry, representing the major global players.

‘I’d worked extensively around the mining industry and was acutely aware of its environmental problems. Leading mining companies acknowledge their poor legacy and recognise the need for change, including the business reasons to change. They are investing significantly, as the AUD10m sustainable development program of the ICMM shows.’

In 2004 Paul received the Medal of the Order of Australia (OAM) for services to the community, environmental resources management and planning.

He regards alumni as vital to Macquarie and believes many would like to give something back through contributing to current programs. His own Macquarie years launched an outstanding career, one forged in the Macquarie years launched an outstanding career, one forged
In early 1977, fresh from completing her biological sciences degree at Macquarie, Meredith Bond boarded a flight to Philadelphia and a job as a technician in the biochemistry labs of the University of Pennsylvania.

She had been accepted for medicine at UNSW, but wanted to travel first. She thought she’d stay away about a year. Instead, it was the start of a much longer, unplanned journey: an award-winning medical research career in the USA.

‘It had been hard right from schooldays for me to choose between medicine and science. Looking back I can see why – I really wanted to do both,’ she says.

At Macquarie – ‘open to new ideas and more appealing than older conservative universities’ – she especially enjoyed the biology lab and field work and the small group teaching, and names Dr Keith Cairncross as a memorable influence.

While working in the U Penn labs Meredith quickly discovered a love of physiology, and in 1978 enrolled for a PhD in muscle biology.

It was during her postdoctoral fellowships at the U Penn School of Medicine that she began the work that led to novel research techniques for investigating the cellular mechanisms of heart muscle contraction. These innovations have contributed to a much greater understanding of heart disease and hypertension, and won her high esteem and recognition. In 2002 she received the Research Merit Award from the Ohio Valley Affiliate of the American Heart Association.

‘The pattern of gene expression in failing hearts is different from that in healthy hearts,’ she explains. ‘We’ve developed a technique that involves taking a miniscule piece of tissue during heart surgery, no bigger than the tip of a pencil, amplifying the genes and measuring all the genes that are expressed in that person’s heart.’

In a ‘bench to bedside’ collaboration with cardiac surgeons and heart failure cardiologists, her team hopes eventually to be able to predict who will be at greatest risk of heart failure before it happens.

‘I believe I made the right decision to stay at the science end of medicine, where I can best help cure disease,’ Meredith says.

In 1986 she joined the Cleveland Clinic Foundation, rising to senior staff scientist, and simultaneously held the post of professor of physiology and biophysics at Case Western Reserve University School of Medicine.

While first and foremost a practising scientist, it was Meredith’s attraction to leadership that drew her to her current post as Professor and Chair of the Department of Physiology at the University of Maryland School of Medicine. It’s one of the top physiology departments in the USA, with strong programs in cardiovascular research, neuroscience and reproductive endocrinology. She relishes chairing a department of 22 senior staff – and, in particular, enjoys mentoring.

‘I’m still very much a hands-on researcher, but my job also is to invigorate our team, fill it with bright fresh postdocs, foster consensus and make everyone feel they’re stakeholders.

‘I think women have strengths in dealing with people, but we have to recognise we can’t please everyone. I can make the difficult decisions.’

The pattern of gene expression in failing hearts is different from that in healthy hearts,’ she explains. ‘We’ve developed a technique that involves taking a miniscule piece of tissue during heart surgery, no bigger than the tip of a pencil, amplifying the genes and measuring all the genes that are expressed in that person’s heart.’

In a ‘bench to bedside’ collaboration with cardiac surgeons and heart failure cardiologists, her team hopes eventually to be able to predict who will be at greatest risk of heart failure before it happens.

‘I believe I made the right decision to stay at the science end of medicine, where I can best help cure disease,’ Meredith says.

In 1986 she joined the Cleveland Clinic Foundation, rising to senior staff scientist, and simultaneously held the post of professor of physiology and biophysics at Case Western Reserve University School of Medicine.

While first and foremost a practising scientist, it was Meredith’s attraction to leadership that drew her to her current post as Professor and Chair of the Department of Physiology at the University of Maryland School of Medicine. It’s one of the top physiology departments in the USA, with strong programs in cardiovascular research, neuroscience and reproductive endocrinology. She relishes chairing a department of 22 senior staff – and, in particular, enjoys mentoring.

‘I’m still very much a hands-on researcher, but my job also is to invigorate our team, fill it with bright fresh postdocs, foster consensus and make everyone feel they’re stakeholders.

‘I think women have strengths in dealing with people, but we have to recognise we can’t please everyone. I can make the difficult decisions.’

There are a hundred physiology departments in the US but only four women chairs. In my university women occupy only two or three chairs. I don’t feel disadvantaged being female, but it’s nice to have women mentors even at this stage of my career.’

In her own case, she cites Dr Bernadine Healy, former director of research at the Cleveland Clinic, as a crucial source of early support. ‘She was head of the American Red Cross during 9/11, and is one of the people I most admire.’

Another longtime mentor and supporter, since they first met at U Penn in the late 70s, is her husband Toni Scarpa, also a physiology professor and currently Director of the Center of Scientific Review at the National Institute of Health in Washington DC.

What in her own nature has most helped Meredith navigate successfully through the highly demanding and competitive field of medical research?

‘If someone summed me up, I hope they’d say I was optimistic, not weighed down by problems, and good at delegating.’

These traits are no doubt part of the reason she was asked recently to reorganise and redevelop the entire graduate student training program of her School of Medicine – a challenge she will eagerly accept.
In this article the Vice-Chancellor, Professor Di Yerbury, records Macquarie’s diverse and vigorous engagement with its communities.

A new term has entered the vocabulary of Australian higher education via the UK: Third Stream activity, referring to community engagement as part of the role of universities. Often you see reference to it as a ‘new concept’, which always amuses me because such engagement was explicitly what Macquarie was established in 1964 to pursue.

Macquarie’s pioneering third mission: industry and community engagement

Macquarie was given its spacious campus in Sydney’s northern suburbs in part to attract high tech industry. The national Review of Leadership Skills (1996) described our Graduate School of Management as a ‘beacon of best practice’ for industry links. The Australian Universities Quality Agency (AUQA) commended our innovative R&D Park, developed in partnership with Baulderstone Hornibrook, with high tech tenants including Siemens and Nortel. And we were described by the Australian Financial Review in 2004 as ‘leading the way in leveraging property assets’ with our on-campus corporate tenants, hotels, and the railway station under construction. AUQA noted ‘numerous examples of innovative, mutually beneficial relationships’.

Macquarie’s eight themes of community engagement

Technology transfer & commercialisation of IP

‘Macquarie has had considerable success in the commercialisation of research, particularly through partnerships with CSIRO and industry and the establishment of successful spin-off companies’ (AUQA, 2003). The sale of spin-off company Radiata’s wireless LAN technology (developed with CSIRO) to CISCO Systems was Australia’s biggest private ICT deal. Our Risk Frontiers Centre is sponsored by insurance companies to assess the risk of natural hazards (earthquakes, floods, hail, bushfires etc). Our Proteome Facility performs hundreds of amino acid analyses a year for industry.

Entrepreneurship & management

Macquarie’s new Institute for Innovation provides interdisciplinary executive and corporate education, research and research training in entrepreneurship and innovation, and mentoring for start-up companies. Collaboration by the Department of Actuarial Studies with the Association of Superannuation Funds of Australia to provide professional development won a Business/Higher Education Round Table award in 2003. MGSM is ranked 35th in the world for corporate and executive programs by the UK’s Financial Times.

Environment & sustainable development

In 2003, the then Environment Minister described Macquarie as ‘an established leader in environmental education research … which will lead to practical outcomes in terms of changing the behaviour of organisations and individuals’. Our federally-funded national centre, the Australian Research Institute in Education for Sustainability (ARIES), collaborates with local government, communities, business and industry. The innovative waterways monitoring system, watch2o, from biodiversity spin-off company Biotrack, allows local councils, companies, farmers and communities to quickly assess the health of rivers and streams.

The Risk Frontiers Centre assesses risks from natural hazards such as bushfires.
Community health

Our clinics in chiropractic, child anxiety, psychology, audiology, speech pathology and learning impairments have strong links with the professions. Macquarie Customised Accessibility Service, with federal funding, provides services for students with disabilities throughout the sector, and also for industry. The Institute for Early Childhood has long managed the Road Safety for Kids program for the RTA.

Multiculturalism & international outreach

Consulting arms Access MQ and MGSM Pty Ltd have led major education and development consultancies overseas. The Asia-Pacific Research Institute provides training programs for professionals in public and private sectors, especially from Vietnam and China. The new Centre for Policing, Intelligence and Counter-Terrorism is already responding to international demand. Community groups interact with and support Macquarie’s language and social studies programs, from Slavonic studies to modern Greek, from Coptic religion to Middle East politics.

English language services

The Macquarie Dictionary, our authoritative national dictionary used in courts, parliaments, and other official forums, has led national reviews of university museums and collections, and the International Council of Museums universities sub-group. Our film-makers have won multiple awards. National awards have gone to our public radio station, 2SER-FM, and to our partnership with Theatre of Image, which won the 2004 Helpmann Award for best play for children. Macquarie Trio Australia, performing around the country, has been runner-up for the Aria Award for Best Classical Music CD, regularly attracts critical praise and has won large and loyal audiences.

Di Yerbury
Vice-Chancellor and President
Macquarie is the third most postgraduate university in Australia, attracting thousands of postgraduate students from all over the world to its diverse, high quality programs. Consider these reasons:

- outstanding research record
- many research ‘stars’
- over 65 percent of staff with doctoral qualifications
- focused Library support for postgrads
- world-class IT facilities
- substantial competitive scholarships
- huge range of professional and academic choices
- flexible teaching modes

This feature highlights just a few of the distinctive programs of five academic Divisions – the Australian Centre for Educational Studies; Economic and Financial Studies; Environmental and Life Sciences; Humanities; and Information and Communication Sciences.

The remaining four academic Divisions – Law; Linguistics and Psychology; Macquarie Graduate School of Management; and Society, Culture, Media and Philosophy – will be featured in the next issue. Their websites are also provided on p.13.

Our postgrad e-newsletters in Business and Law, Science and Technology, Health, Humanities and Language, and Education are a good way to find out more. You can register at:
www.postgradandbeyond.mq.edu.au/register/

Postgrad power
Part One of a two-part feature highlighting postgraduate work at Macquarie

For more information on postgraduate study, including details of the Postgraduate Education Loans Scheme (PELS), HECS-based programs, fees and scholarships, visit:

| General information | www.postgradandbeyond.mq.edu.au |
| Research degrees | www.ro.mq.edu.au/hdru/ |
| PELS/HECS enquiry line (toll free) | 1800 020 108 |
| International student enquiries | www.international.mq.edu.au |

Australian Centre for Educational Studies (ACES)
In keeping with its philosophy of ‘education for life’, ACES offers postgraduate programs encompassing the full spectrum of education, from cradle to grave.

Coursework programs at postgraduate certificate, diploma and masters level provide specialist knowledge and up-to-date skills to people seeking to further their careers or update academic qualifications.

The innovative Educational Leadership Program launched in 2000 has been very attractive to professionals in, or aspiring to, leadership in early childhood education, education and work, higher education, and school education.

The program introduces participants to leadership, management, and organisational theory in relevant educational contexts, while elective units provide a broad perspective to enhance each student’s experience.

Partly responsible for this program’s success are our flexible teaching practices, such as units taught in blocks of three or four full Saturdays or Sundays. These classes are extremely popular with our time-poor clientele.

More information:
Phone: +61 (0)2 9850 7985
Email: Alison.cameron@mq.edu.au
Web: www.aces.mq.edu.au

Division of Economic and Financial Studies
The Division provides a wide range of masters programs for both Australian and international students and staff also supervise PhD research students.

A priority for 2006 is to increase the number of Australian students in the Division’s coursework masters programs. The first initiative is a new MCom in Actuarial Studies due to start in first semester 2006. The program will interest those with a bachelor’s degree in actuarial studies who plan to join the Institute of Actuaries of Australia. It contains instruction in the Part II requirements of the IAA, so students can achieve both academic and professional recognition at the same time.

Local students with busy careers and personal lives often find it difficult to attend postgraduate classes. To assist them, a number of units within the MCom and Master of International Business will be made available online in 2006. These units, in marketing, accounting, finance, trade, electronic commerce and other areas, are the same in content and academic standard as regular classroom-based units, and are taught by the same staff.

More information:
Web: www.efs.mq.edu.au

Division of Environmental and Life Sciences
Postgraduate qualifications from the Division of Environmental and Life Sciences (ELS) can provide you with specialised skills and knowledge, give you a significant employment advantage, enhance your promotion potential or open up career change.
We offer a broad range of postgraduate coursework programs at masters, diploma and certificate level.

In 2006 we will offer postgraduate coursework programs in:
- Environmental Education
- Environmental Management
- Environmental Planning
- Environmental Science
- Wildlife Management
- Sustainable Development
- Biotechnology
- Ageing and Health
- Chiropractic
- Museum Studies
- Geology
- Geoscience
- Paleobiology
- Human Geography
- Science Education

We understand that students enrolled in postgraduate coursework programs are often required to continue full-time employment while they study. Our teaching modes are flexible, with many units running classes in block mode, evenings or online.

More information:
Phone: +61 (0)2 9850 7993
Email: joy.monckton@mq.edu.au
Web: www.els.mq.edu.au

Division of Humanities

The Division of Humanities offers a wide choice of postgraduate research and coursework study options that attract a stimulating mix of students of varying ages and backgrounds.

Over 200 students are currently enrolled for research degrees, mostly at PhD level. Research areas include Egyptology, Australian politics and history, medieval literature, Indigenous music, Japanese culture, computer-aided language learning, and many others.

Support for research students includes shared office space, subventions towards travel, IT and materials. Many students collaborate closely with one of our established research centres.

Masters programs by coursework constitute the other major postgraduate area. Two of the largest are the Master of International Relations (MIR) and the Master of Politics and Public Policy. The MIR draws more than 50 percent of its students from overseas, including Asia, North and South America, Europe and the Pacific.

The Department of Ancient History has recently extended its masters program in Egyptology to include the first fully online suite of units in Coptic Studies in the world. At the other end of the time scale, the Department of Contemporary Music Studies will introduce a Master in Recording Arts in 2006. The Department of English offers a distinctive masters program in creative writing, for which students complete an extended creative project of publishable standard.

More information:
Web: www.humn.mq.edu.au

Division of Information and Communication Sciences

Our postgraduate programs in information technology are designed in collaboration with our corporate partners to meet the expectations of industry. They are flexibly structured around evening, weekend and real-time remote classes, to allow you to manage studies alongside career obligations.

The Master of Information Technology (MIT) develops a comprehensive understanding of contemporary platforms, methodologies and management. For us, the business of IT is paramount. Not only will we take you to the technological leading edge, but we’ll also support you in understanding the IT requirements of the industry you work in.

We deliver structured specialist programs in:
- ICT Management
- Web Technologies
- System Security
- Information Systems
- Internetworking
- Software Engineering
or you can structure your study package around your own requirements.

No matter what your IT background, we have a postgraduate degree that can be tailored to your needs. The one-year executive MIT caters for established ICT professionals seeking to master their ICT career. The two-year professional MIT is aimed at those wishing to meet the technology challenge and move into an ICT career.

More information:
Phone: +61 (0)2 9850 9501
Web: www.ppdp.mq.edu.au

Other Division websites
- Law: www.law.mq.edu.au
- Linguistics and Psychology: www.lp.mq.edu.au
- Macquarie Graduate School of Management: www.mgsm.edu.au/alumni
- Society, Culture, Media and Philosophy: www.scmp.mq.edu.au
The past two years have seen explosive growth in Macquarie sport and recreation – whether measured by the University’s great results at the Australian University Games (fourth in 2004), increased participation in sporting clubs, elite athlete coaching programs and sports scholarships, improved facilities, staff involvement, or thriving partnerships and alliances.

Even members of MUSA’s Board and others involved in its 2003-08 strategic planning exercise were surprised when their ambitious targets were reached ahead of expectations.

Membership of clubs and the Sport and Leisure Centre is now over 5000 and growing, and the list of improvements to campus services and facilities is impressive. In April, the first ever sports event for alumni was held, featuring first grade rugby, and there are plans to hold similar sporting events each year.

CEO Deidre Anderson, who took up the post two years ago, says: ‘We’ve listened to lots of people in our planning process. MUSA exists to improve campus life for students and staff, but also to help attract students to Macquarie. Our new coaching and scholarship programs provide pathways and financial support for highly talented young sportspeople to study here while developing their sporting abilities and competitive experience.’

While nurturing elite sporting talent is one of MUSA’s priorities, there’s still plenty of attention to the ‘also-rans’. Of the 5000 student members of MUSA (more than 20 percent of the student body), 90 percent take part in clubs and weekend competition.

‘We have hundreds of committed volunteers, dedicated staff ready to serve our members and a very flexible structure,’ says Deidre. ‘We’ve centralised a lot of services like uniform purchasing and funds management to free up clubs to get on with their sport. We’ve also recruited commercial partners to improve our services and facilities, and have built strong alliances involving our clubs.’

One clear measure of the renewed intensity of interest in Macquarie sport is the attendance at sports awards nights, where nearly all clubs are represented and people have to be turned away.

The biggest single ticket item on the drawing board is the new Sports and Aquatic Centre (currently awaiting DA approval), featuring a 25m indoor pool and a 50m heated outdoor pool. But the Centre will be much more than somewhere to train, compete or take a dip. It’s planned as a vital campus space for students and staff, and construction is being guided by environmentally-friendly water and energy use and solar orientation.

While clearly on track to reach its aim to be Australia’s #1 university sporting organisation, MUSA’s vibrant growth could be killed off as quickly as it has emerged by the Federal Government’s planned Voluntary Student Union (VSU) fees legislation.

Maintaining our existing programs under VSU would mean a 500 percent increase in costs to students. We’re very entrepreneurial and our revenue streams are growing, but they can never replace student fee income. Our coaching program and subsidised use of facilities would go. MUSA would cease to exist in its current form.’

Those who will be adversely affected by VSU are not confined to Macquarie. Its sporting facilities are used by 126 public and private schools and programs are accessed by a raft of sporting associations, charitable partners and scholarship beneficiaries.

The arguments on VSU are essentially philosophical, says Deidre. ‘Some students may not use the facilities supported by student fees – just as a ratepayer may not use the local library – but plenty of others do, and their own children might want to in future.’

Alumni take note: if you have fond memories of sport at your alma mater, are impressed by how well it’s doing now, or care about its future wellbeing, make your views known to the Federal Government – before it’s too late.

Web: www.musa.mq.edu.au
New Global Leadership Program

More than 470 students have already signed up for Macquarie’s latest international initiative, the Global Leadership Program.

There’s nothing quite like it in Australian higher education, but Macquarie, in its usual innovative way, identified the need and has come up with a great response.

Launched at a lively reception in May, the program is being offered to all undergraduate students as part of their enrolment.

No matter which undergraduate programs are undertaken, the GLP will add a global dimension to students’ knowledge and understanding. A central theme is that insofar as we are one world, one humanity, one set of global issues and conflicts, then the management of these issues demands some level of global governance which transcends the capacity of nation states to deal with them. The decision makers of the future will have very wide and challenging horizons in front of them.

The GLP Colloquium Series, presented by Macquarie academics from a range of disciplines, introduces students to topics such as cross-cultural understanding and professional communication, global leadership and citizenship.

Students will also attend networking functions to hear distinguished international speakers from industry, academia and government with hands-on experience in the practice of good leadership. They will design their own program of international leadership experiences and will have opportunities to visit over 60 countries, for which Macquarie will provide generous travel scholarships.

Already students are taking up these opportunities – volunteering to build homes in tsunami-affected India; attending a technology symposium in Singapore and Shanghai; undertaking environmental conservation in Costa Rica; and participating in the UN World Conference of Youth in Scotland.

Many of Macquarie’s local students study abroad for part of their courses. A recent national benchmark study showed that, last year, 11 percent of the 7080 students from Australian universities who studied overseas were from Macquarie.

Graduates who show understanding of cross-cultural issues through their own international experience will undoubtedly have a competitive edge in today’s global marketplace.

Further information: Ainsley Gilkes, Global Leadership Program Coordinator
Phone: +61 (0)2 9850 6943
Email: ainsley.gilkes@io.mq.edu.au

LAMS: revolutionary roadmap for e-learning

‘It’s not only what we learn but how we learn together.’ This is the philosophy behind the Learning Activity Management System (LAMS) – the innovative visual software tool for designing, managing and delivering online collaborative learning invented by Professor James Dalziel, Director of Macquarie’s E-Learning Centre of Excellence (MELCOE).

LAMS promises to revolutionise online learning at all levels of education and corporate training. It offers educators the opportunity to develop sequences of learning activities and resources with an emphasis on vibrant student participation through discussion, web polls and postings. Trials have indicated a dramatic increase in student willingness to use online chat as opposed to traditional classroom discussion for learning.

LAMS enables sharing among teachers in different educational settings through the ability to re-use lesson planning sequences in other topics or subjects, for single lessons or entire courses. Its flexibility allows teachers to facilitate groups or monitor individual students as they work. By simply logging on, students may progress at their own pace, or collaborate with the whole class or wider LAMS community.

Following successful trials in the UK, New Zealand, USA and Australia, LAMS has gained international recognition, with prestigious universities such as Oxford and Cambridge signing as partners and education departments in NZ and the UK backing the software.

LAMS was launched by Vice-Chancellor Professor Di Yerbury in April. In the spirit of access and equity, it has been released as freeware by the Macquarie backed non-profit LAMS Foundation. Although users will be able to modify the software, under the terms of General Public Licence any redistribution must remain open source. Macquarie can expect substantial financial returns from training and technical support provided by LAMS International Pty Ltd.

Further information: www.lamsinternational.com

Story: Cathy Panich
Fourth Macquarie Vice-Chancellor announced

In June, the University named Professor Stephen Schwartz as its fourth Vice-Chancellor. Professor Schwartz will take up the post in February 2006, succeeding Professor Di Yerbury, who retires in January 2006 after 19 years’ service. Professor Schwartz is currently Vice-Chancellor at Brunel University, UK and formerly VC of Murdoch University, WA, and his academic field is psychology. A profile of Professor Schwartz is planned for the Summer 2006 edition of Sirius.

INTERNATIONALISATION

In a recent report to the University Council, the Vice-Chancellor, Professor Di Yerbury, emphasised the strategic importance for Macquarie of continuing to draw on a wide range of countries for its international student enrolments.

In a period of decline for the international student market in Australia, recent figures show that Macquarie continues to do very well, maintaining its position as the 6th largest destination for full degree overseas students in Australia and achieving good growth from a large base. It is the #1 Australian university destination for students from China and Mexico, and between #1 and #2 destination for Brazilian students. As well, India, Korea and Western Europe are significantly growing sources of international students.

In the incoming Study Abroad category, at a time when Australia declined overall by 2 percent, Macquarie went dramatically against the trend, growing by 22 percent. In 2003, the year for which the latest data was available, Macquarie was #1 in the sector for the proportion of its students (27 percent) who undertake part of their studies in other countries.

One of Macquarie’s most successful postgraduate programs, the Master of Applied Finance, is being offered from 2005 at the National Tsing-Hua University, one of China’s top tertiary institutions. The MAF is in distinguished company at Tsing-Hua, which brings world-class programs to its students from top ranking universities such as Cambridge and Harvard.

STUDENTS

Eighteen graduation ceremonies, at which more than 4200 students were admitted to awards, were held on campus in April. Special congratulations go to Korinne McDonnell, the first woman to be awarded the University Medal for Physics.

The Indigenous strand of the Postgraduate Program in Social Health focuses on both physical and psychological health in Indigenous communities. A collaboration between Macquarie and Indigenous groups, the program is delivered by the Department of Psychology and Warawara (Indigenous Studies) and funded by the Alcohol Education and Rehabilitation Foundation. A special ceremony last year for the program’s first graduating students attracted a tremendous turnout of Elders and community members and was widely reported in the Indigenous media. A similar ceremony will be held later this year.

RESEARCH NEWS

In an outstanding achievement, Macquarie’s new ARC funding for 2005 totalled over $4.7m for Discovery-Projects, Linkage-Projects and Linkage Infrastructure Equipment & Facilities Schemes. In respect of Discovery-Projects, the $3.195m Macquarie received (total $9.6m over 2005-09) was spread over 38 grants – its highest number of grants ever in this category.

In May the Vice-Chancellor launched the Australian Proteome Analysis Facility’s new Biomarker Discovery Laboratory (winner of the Small Laboratory of the Year Award from What’s New Magazines/Science Industry Australia). The laboratory will use the cutting-edge science of proteomics to develop advanced therapeutic and diagnostic tools for the fight against diseases such as colon, ovarian and breast cancer, and to develop quality markers for primary and agricultural industries.

A new kit that enables non-scientists to carry out a biological assessment of their own water course, watch2o, has been developed by Biotrack Australia. Established in 2002 after 10 years of research into rapid biodiversity assessment at Macquarie’s Key Centre for Biodiversity and Bioresources, Biotrack is a leader in objective environmental assessment and monitoring solutions.

UNIVERSITY AWARDS AND RECOGNITION

Macquarie has been selected as an Employer of Choice for Women in 2005 by the Equal Opportunity in the Workplace Agency. Macquarie is one of 130 organisations to receive the honour.

For the fourth successive year, the Macquarie Graduate School of Management has won the 2004 NSW Meetings and Events Industry Award for Best Venue (100-150 delegates).

The International College of Tourism and Hotel Management in Manly, affiliated to Macquarie for the delivery of courses leading to a Macquarie degree, won the Exporter Award for Education in the Premier’s NSW Exporter of the Year Awards 2004.

SPORTS NEWS

The 34th Annual Macquarie University Sport and Blues Awards night was held at the Sydney Superdome in March. Some 380 guests gathered to honour the achievements of Macquarie’s athletes, sporting teams and clubs. Special guest Liz Ellis, Macquarie law graduate and Australian netball team captain, received the University’s first Honorary Blue for her contribution to sport.

MUSA awarded scholarships to 18 elite athletes this year. Scholarship holder Leonie Coleman has been selected for the Australian Women’s cricket team.
Under a new partnership with Michigan State University, college athletes will be able to study at Macquarie, taking part in a rigorous academic program and sports training, and mixing with Australian students. Athletes will attend classes, study and train with Australians for six weeks.

**INDIVIDUAL STAFF AWARDS AND HONOURS**

**New Personal Chairs**

Macquarie University Council has appointed 14 of the University’s finest academics to Personal Chairs, in recognition of their exceptional distinction in research and scholarship. Their specialisations are summarised below.

- **Professor David Briscoe, Department of Biological Sciences**: many areas of biology united by a common theme – an exploration of the origin, function and partitioning of genetic variation.
- **Professor William Chen, Department of Mathematics**: pure mathematics, especially in the area of irregularities of point distribution and discrepancy theory.
- **Professor Tony Cousins, Department of English**: research and scholarship in the non-dramatic literature of the English Renaissance.
- **Professor Robert Dale, Department of Computing**: natural language generation and intelligent text processing.
- **Professor Ewa Goldys, Department of Physics**: experimental physics specialising in spectroscopy and photonics.
- **Professor Deb Kane, Department of Physics**: semiconductor laser physics, laser cleaning and surface modification, and the development of Novel Ultra Violet and Vacuum Ultraviolet sources.
- **Professor John Lechte, Department of Sociology**: research on Julia Kristeva, Georges Bataille and contemporary French theory and philosophy.
- **Professor Peter Menzies, Department of Philosophy**: causation and mental causation.
- **Professor Helena Nevalainen, Department of Chemistry and Biomolecular Sciences**: microbial biotechnology, particularly fungal molecular biology research.
- **Professor Alanna Nobbs, Department of Ancient History**: late antique history and historiography, Greek papyri, and the Graeco-Roman background of the New Testament.
- **Professor Tony Parker, Department of Electronics**: microwave transistor measurement and circuit analysis.
- **Professor Pam Peters, Department of Linguistics**: exceptional distinction in the field of world English.
- **Professor Igor Shparlinski, Department of Computing**: analytic number theory, especially as applied to computer science, cryptography and quantum information science.
- **Professor Harold (Hatch) Stokes, Department of Chemistry and Biomolecular Sciences**: evolution of the ebgA gene; site-specific gene integration; and investigation of genome evolution in environmental DNA samples via cassette PCR.

**Awards**

**Professor Igor Shparlinski** (Department of Computing) has been awarded the University’s first Australian Professorial Fellowship.

**Bruce Thomson** (NCELTR) was one of only seven winners in the University category to receive a 2004 Quality Teaching Award presented by the Australian College of Educators – the first time a Macquarie teacher has won this award.

**APPOINTMENTS**

Internationally-known psycholinguist **Professor Stephen Crain** has joined the Macquarie Centre for Cognitive Science (MACCS) as Macquarie’s third Federation Fellow.

**Professor John Hedberg** has accepted the new Millennium Chair in Information and Communication Technologies (ICT) and will lead program development in ICT-enhanced learning at the Australian Centre for Education Studies.

**Professor Andy Pitman** (Department of Physical Geography) has been appointed Editor of the *Journal of Climate* of the American Meteorological Society – the highest impact research journal in atmospheric/climate/ocean science.

**Professor Alan Rice** has been appointed Interim Dean of the Australian Centre for Education Studies.

**Dr Andrew Simpson** (Curator, Earth Sciences Museum) has been elected to the National Council of Museums Australia for 2005-07.

**VALE**

In February the flags were lowered on campus to mark the death of **Mrs Una Mitchell**, 91, a much-loved founding figure and the widow of Macquarie’s first Vice-Chancellor, the late Emeritus Professor Alex Mitchell. In 1992 Mrs Mitchell received an Honorary Fellowship for her personal outstanding service to Macquarie. Even though her strength was failing, she joined in the 40th Anniversary celebrations last year.

Renowned Australian pianist, composer, music examiner and occasional poet **Dr Miriam Hyde** AO, OBE, died in January 2005. Dr Hyde was awarded an Honorary Doctor of Letters in 1991 and greatly valued her association with Macquarie.

Mrs Una Mitchell at the 40th Anniversary celebrations in 2004.
WHAT’S ON at Macquarie
A selection of events in the coming months

For updates and latest news on events visit:
www.pr.mq.edu.au/events/
(calendar of events on campus)
www.museums.mq.edu.au (campus museums)
www.pr.mq.edu.au/culture/ (cultural and arts events)
www.pr.mq.edu.au/scu.htm (Sculpture Park)

Nation, Law, Memory:
A Chamberlain Case Symposium
Where: Building XSB T1 Lecture Theatre
When: Sunday 14 August 9-5
This special Macquarie event examines the legacy of the Chamberlain case, 25 years on. Speakers include Lindy Chamberlain-Creighton, Evil Angele author John Bryson, Professor Adrian Howe, poet Les Murray, Chester Porter QC, plus museum curators, authors & academics from several disciplines.

Phone: +61 (0)2 9850 8980
Fax: +61 (0)2 9850 6893
Email: Chamberlain-Symp@scmp.mq.edu.au
www.scmp.mq.edu.au/chamberlain/

The Big Draw
Where: Macquarie campus
When: Saturday 3 Sept. throughout the day
Last year’s inaugural Big Draw day on campus was a phenomenal success and this year promises to be bigger and better. It’s a unique community event for anyone of any age who wants to have a go at drawing – in our museums, art collections, in the open air, and more. Events led by artists will include drawing workshops, interdisciplinary workshops in music/drawing and poetry/drawing, and in art/writing for children at the Co-Op Bookshop. A special event is planned around the Margaret Preston exhibition in the University Art Gallery.

The Big Draw will be launched by Eileen Adams from the UK Campaign for Drawing, which hosts over 1000 events annually across the UK.
www.aces.mq.edu.au/drawingaustralia

The Big Draw goes national…
From 4 September to 16 October partner programs will be held across Australia in major and regional galleries and museums, at ArtPlay in Melbourne, Live Art on the streets of Perth, and through community arts organisations, libraries and schools.

Macquarie University Open Day
Where: Macquarie campus
When: Saturday 10 Sept. 10am-4pm
For details of events, see the website from 1 August: www.mq.edu.au/openday/

Macquarie Trio Australia
The Trio’s 13th year of music making is titled move, engage, inspire. Remaining concerts Aug-Nov 2005:
Where and when: Macquarie Theatre, Sundays 2.30pm: 28 August, 13 November. Verbruggen Hall (Sydney Conservatorium), Tuesdays 7.30pm: 30 August, 15 November. Also performing in Adelaide, Brisbane, Melbourne and Canberra.

Music on Winter Sundays 2005
– free concerts
Where and when: Macquarie Theatre, Sundays 2.30pm ($6 campus parking fee) Remaining dates for 2005: 7, 14 August, 11, 18, 25 September
Information: 02 9850 7460
Email: kerry.klujin@mq.edu.au
www.macquarietrio.com.au

Macquarie University Singers: Concerts
Where and when: Macquarie Theatre, 13 August 8pm; 12 November – Missa Criolla. Supper provided.
Tickets: $30, $20, $15
Email: publicity2@mus.org.au
www.mus.org.au

MGSM Executive Breakfast Series
This popular series offers the following speakers August-November:
23 August
Sustainable Leadership Practices – Ensuring a Future
Professor Gayle Avery, MGSM complex, North Ryde campus

20 September
Predicting Company Failure—Myths, Maths & Marketing
Dr Graham Godbee, MGSM complex, North Ryde campus

18 October
Getting a Visual on Intangible Value Drivers
Dr Suresh Cuganesan, CBD campus

22 November
Strategic Intent: Damned If You Do – Damned If You Don’t
Graham Millett, MGSM complex, North Ryde campus
Bookings: +61 (0)2 9850 9020
Email: Cathie.Robinson@mgsm.edu.au
www.mgsm.edu.au/ebs

University Art Gallery
Where: Building E11A ground floor
When: Mon-Thurs 10-5pm. Saturday openings for some exhibitions. Free admission.
Information: +61 (0)2 9850 7437
Email: rdavis@vc.mq.edu.au

18 July-25 August
The Indigenous Collection
Highlights of Macquarie’s Indigenous art collection with new acquisitions, curated by Professor Di Yerbury. In conjunction with Warawara, Department of Indigenous Studies, the launch of the Indigenous Arts Festival Dreamfest will also be celebrated through dance, poetry, talks and workshops from 4-9 August.

5 September-31 October
Berowra Visions: Margaret Preston and Beyond
The exhibition explores the concept of place and occupation through the work of Margaret Preston in Berowra 1932-39. A new discovery of Preston’s work will reveal the artist in her personal space – the home in the Berowra bush that inspired the further development of her work.

The exhibition brings together an array of material, including the herbarium, photography, poetry and multi-media works, in a living history of Berowra.

4 November-5 December
The Chroma Art Collection
Jim Cobb celebrates 40 years as a pioneer in the manufacturing of acrylic paints in this country. His generous sponsorship of exhibitions like Artexpress and his contribution to the arts in Australia and overseas is substantial.

Jim Cobb has amassed a significant art collection which documents the changes and continuities in the relationship between late modernism and contemporary art practice in Australia.

12 December 05-mid January 06
World Year of Physics Art Prize 2005
The inaugural $15000 national Physics Art Prize is an exciting partnership between the Department of Physics and the University Art Gallery and a unique fusion of art and science (see also Sirius back page). Two workshops will foster discussion and collaboration between artists and physicists.

Artists must respond to one or more of the following areas of physics: astronomy and astrophysics; lasers and lamps; condensed matter physics/biophysics; mathematical physics/quantum physics; physics teaching and learning.

More information (physics): Dr David Coutts
Email: rdavis@vc.mq.edu.au
ALUMNI events
August-November 2005
Contact the Alumni Office for further information, campus maps and event bookings (unless otherwise specified).

The following events were confirmed at the time of printing, but you are advised to reconfirm details closer to the dates.

ALUMNI OFFICE EVENTS

Saturday 10 September 10am – 4pm
Open Day – Alumni Marquee
Venue: Macquarie campus
Alumni are warmly invited to visit the Alumni marquee during Open Day.

Thursday 22 September 12.30pm
Annual Parliament House Luncheon
Venue: State Parliament, Macquarie Street, Sydney
Speaker: Dr Colleen McCullough, Honorary Doctor of Letters (Macquarie) and internationally known Australian author.
Topic: Writing accurate historical novels in a non-boring way
Cost: $55 per person
Bookings essential
RSVP: Friday 16 September

Thursday 3 November 6.30pm
Convocation Annual General Meeting
Venue: MGSM City Campus, Level 6, 51-55 Pitt Street, Sydney
Speaker: Professor Andy Beattie, Professor of Biology and Director, Key Centre for Biodiversity & Bioresources
Topic: Wild Solutions: how biodiversity is money in the bank
Bioprospecting is undergoing a quiet revolution, as industries as varied as pharmaceuticals, mining, engineering, construction and agriculture are discovering a previously unsuspected array of organisms of commercial value. Many species, most of them obscure, tiny and often bizarre, including bacteria, insects and worms, are turning a profit.

Elections for the Standing Committee of Convocation
Four positions will become vacant at the AGM. All alumni are eligible to nominate and those interested should contact the Alumni Office by 12 October.

Wednesday 10 September 6.30pm
Science and Technology College Postgraduate Reunion Cocktail Evening
Venue: SAM Building Level 3, Macquarie campus
Speaker: Dr Keith Williams AM, Founder Director, Proteome Systems Ltd
Topic: Intersecting technologies: biotech, the science and the business
It has been widely predicted that this will be the century of biology. Over the last decade there have been huge steps forward in our understanding of biology and these advances anticipate major changes in both health care and agriculture. When combined with discoveries in IT, microelectronics and nanotechnology, all the ingredients are there for a revolution.

Thursday 24 November 6.30pm
Alumni Farewell Dinner for Emeritus Professor Di Yerbury AO, Vice-Chancellor
Venue: International College of Tourism and Hotel Management, 151 Darley Rd, Manly NSW
Emeritus Professor Di Yerbury will step down as Vice-Chancellor in January 2006 after 19 years’ service to Macquarie. Please join us to farewell her at this wonderful venue on Sydney’s North Head, with views over the Pacific Ocean. The evening includes a welcome drink, three-course meal and all beverages.
Cost: $79 per person
Bookings essential
RSVP: Friday 28 October

DIVISIONAL EVENTS

Saturday 20 August 7pm
Division of Law 30th Anniversary Dinner
Venue: The Atrium, SAM Building, Macquarie campus
A celebration of the achievements of Law alumni over the past three decades and a fantastic opportunity to catch up with old friends. If you have not received your invitation, please contact Fran Chandler.
Cost: $100 per person
Bookings essential
Email: fran.chandler@mq.edu.au

Wednesday 6 October 6pm
Twilight Film and Cocktail Evening – Department of Media
Venue: Macquarie campus (location TBA)
Speaker: Associate Professor Kathryn Millard
Title of film: TBA
Phone: +61 (0)2 9850 8831
Email: cmcmahon@scmp.mq.edu.au

ACCELERATE Masterclasses for MGSM alumni
MGSM offers a series of events tailored to the interests of MGSM alumni.
Venue: MGSM North Ryde campus

Friday 2 September 9am-12 noon
Shattering the walls around leadership: Professor Gayle Avery
Saturday 5 & Sunday 6 November
Executive Coaching weekend
Dr Steven Segal & Professor Robert Spillane

Friday 25 November 9am-12 noon
Looking into the crystal ball: marketing effectiveness in the future:
Dr Lawrence Ang
Information: Hedda Grae +61 (0)2 9850 9008
Fax: +61 (0)2 9850 9022
Email: hedda.grae@mgsm.edu.au
Web: www.mgsm.edu.au/masterclass

Hong Kong Chapter: forthcoming events
Alumni Dinner: Saturday 12 November
Hiking trip: October or November (date TBA)
Annual General Meeting: December (date TBA)
For more information email Katherine Cheng at katcheng@mblcpa.com.hk

2005 ALUMNI AWARDS FOR DISTINGUISHED SERVICE
Nominations are invited for these Awards, which honour outstanding achievements by Macquarie alumni in Australia and overseas. One award is for outstanding service to the community, and the other for an outstanding contribution to a chosen profession. Nominations close Friday 3 March 2006. The Awards will be presented at the 2006 annual Alumni Awards ceremony. Further information and nomination forms are available from the Alumni Office.
Benefits Program for Macquarie Alumni

The Alumni Office is pleased to offer new and continuing benefits exclusively for our alumni. For direct links to these benefits, please visit our website.

NEW BENEFITS

Alumni Office forges alliance with National Australia Bank
We are delighted to announce an exciting alliance with the National Australia Bank that will deliver tangible benefits to Macquarie alumni. Alumni will have access to a premium package of financial services including:

- Home/investment loans and line of credit facilities*
- Term deposits
- Share trading
- Margin lending
- Credit cards
- Insurance
- One to one service via a dedicated banker
- Financial advice via access to highly qualified, experienced and salaried financial planners

* For home loans greater than $150,000. Normal lending criteria apply.

Alumni should contact the NAB directly to discuss the concessional pricing included in this offer. You can also visit the NAB website for more information.

Banking and Loans Hotline: 1300 797 400
8am – 9am EST seven days a week
Financial advice:
Phone: 02 8220 6999
Email: workplaceadvice@wm.national.com.au

iBurst Wireless Broadband Internet Access
Heavily discounted service plans are now available to alumni. iBurst enables remote access to the internet from a growing number of locations across Australia.

For more information and to sign up, visit www.oea.com.au. You will need to provide your Macquarie student number. If you do not know your number, please contact the Alumni Office.

CONTINUING BENEFITS

University Library
The Library is pleased to provide alumni with free borrowing privileges ($55 savings) and free access to EBSCO from 1 January to 31 December 2005, in recognition of alumni support of the Eoin Wilkinson Memorial Appeal. EBSCO is a multi-disciplinary, full-text database suite comprising more than 5000 journal titles.

To acquire your library access card, or to receive your user name and password for EBSCO access, first complete the separate application forms on the Library website www.lib.mq.edu.au (select alumni link). The website provides further details.

Career Development Office (CDO)
Alumni are eligible to receive career consultations, advice on career change and review strategies, use of the Career Resource Centre, and opportunities to attend training workshops and career seminars. The CDO will charge a $50 fee for an initial consultation and two follow up meetings.

Contact: 02 9850 7372
Email: careers@mq.edu.au
Web: www.careers.mq.edu.au

Centre for Open Education
The Centre for Open Education has agreed to waive the non-award application fee for alumni ($60 savings). The waiver must be requested at the time of application, and previously paid application fees cannot be refunded. Alumni should contact the Alumni Office for a verification number.

Contact: Lindsey Freeman, Manager Academic Services
Phone: 02 9850 7470
Email: lindsey.freeman@mq.edu.au

Chiropractic Services
The Department of Health and Chiropractic is pleased to offer alumni a reduced rate for chiropractic consultations conducted within its outpatient clinics at Epping, Eastwood and Summer Hill. The special rate of $15 per consultation (not including X-Rays) is valid 1 August 2005-31 January 2006.

For an appointment call:
Epping: 02 9868 7744
Eastwood: 02 9858 3723
Summer Hill: 02 9797 0960

Macquarie Trio Australia
The Macquarie Trio is delighted to offer alumni a 10 percent reduction off the low price of individual tickets with each booking for the remaining concerts in its 2005 series (see p.18 for dates). To redeem this offer send your contact details and Macquarie student number to: Macquarie Trio Australia, PO Box 18, Northbridge, NSW 2063. If you do not know your student number, please contact the Alumni Office.

Information or bookings: 02 9850 6355
1800 359 441 (toll free outside Sydney)
Program details: www.macquarietrio.com.au

Macquarie University Sports Association – MUSA
MUSA is pleased to make a special offer to alumni of five free one-hour squash court bookings during off peak times. Alumni can also sign up twice for the Sport and Leisure Centre’s Alumni ‘$30 for 30 Days’ promotion. After becoming a Sport and Leisure member you can continue paying $30 per month via direct debit for as long as you like.

Contact the Alumni Office for a verification document, then visit the Sport and Leisure Centre to sign up.

Dunmore Lang College
Dunmore Lang College is pleased to offer special accommodation and conference facilities rates to alumni. Both the accommodation rate (includes breakfast and GST) and the conference facilities rate are offered at a discount of approximately 25 percent. The College offers full catering options, state-of-the-art audiovisual equipment and professional services.

Information: www.dunmorelangcollege.nsw.edu.au
Reservations: +61 (0)2 9856 1000

Accor Hotels
Alumni can access special rates (up to 30 percent discount) at over 900 Accor hotels and resorts worldwide through an exclusive partnership with the Alumni Office. Accor brands include Sofitel, Novotel, Mercure, All Seasons and Ibis.

Information: www.accorhotels.com.au
Bookings: Accor Reservations Services 1300 65 65 65 (toll free) and quote Macquarie University ID Code AS79763 or book online at www.accorhotels.com.au/business and click on ‘Already a Member’. Enter the ID Code AS79763 and corporate contract number 5000.

AVIS
Alumni are eligible for special rates in Australia and discounts worldwide with AVIS. Simply quote your AVIS Worldwide Discount number P613600 when making a reservation. For details and reservations call 13 63 33 or visit www.avis.com.au
ALUMNI Chapter Development

Macquarie is committed to developing a network of alumni chapters in Australia and around the world, based on geographic, academic or professional interests. The objectives of alumni chapters are to:

- organise professional and social networking opportunities for alumni
- encourage alumni to stay in touch with fellow graduates and the University
- provide a forum for alumni to give feedback to the University
- reinforce continuing education opportunities for alumni
- involve alumni in special projects

The Alumni Office is seeking help from alumni to develop chapters. To get involved or receive further information, please email Alumni Director Mark Herndon at mark.herndon@mq.edu.au

ALUMNI CHAPTER NETWORKS

For information on your local alumni groups and events contact:

**Queensland**

Following the alumni reception held in Brisbane last November, a group of energetic alumni has been working to establish a Queensland chapter. At press time, the committee had submitted a constitution to Macquarie for recognition by the University Council. So please be on the lookout for future alumni activities in Queensland. The contact is Richard Hodgson at the email address this page.

**Victoria**

With more than 800 Macquarie alumni living in or near Melbourne, a great opportunity exists to establish an alumni chapter in Victoria. To express your support or get involved, contact Alumni Director Mark Herndon. The Alumni Office will provide assistance to volunteers.

**Western Australia**

Former member of the Standing Committee of Convocation Geoff Berry has recently relocated to Perth. With assistance from the Alumni Office Geoff would like to establish an alumni chapter there. Interested alumni living in WA should email him at the address above or contact the Alumni Office.

**Actuarial Alumni**

The Department of Actuarial Studies and the Alumni Office are working with interested alumni to establish a chapter for actuarial graduates and are seeking additional alumni to get involved in the new committee. For more information, email Mark Gallagher at: cgall@bigpond.net.au or alumni@actuarial.efs.mq.edu.au

NEW ALUMNI CHAPTERS

Queensland

Victoria

Western Australia

Actuarial Alumni

ALUMNI ARCHAEOLOGICAL TRAVEL PROGRAM

Two weeks in Egypt

Departure: mid-January 2007

The Alumni Office and its not-for-profit partner Odyssey Travel have arranged an exciting program for alumni to explore some of the greatest archaeological sites in Egypt.

A special inclusion (subject to availability) will be the opportunity to join Professor Naguib Kanawati at Saqqara for a discussion on his recent amazing finds at that site (story p.5).

Take a journey through history and discover one civilisation piled, literally, on top of another. Highlights include the Great Pyramids, Sphinx, Solar Boat Museum, Egyptian Museum, Khai El Khalili Bazaar, Nile cruise, Valley of the Kings, Temple of Queen Hatshepsut, Colossi of Memnon and Temple of Horus.

A two-week extension to archaeological sites in Syria and Jordan is also offered.

For details and prices contact Sue Ross: +61 (0)2 4224 7001
Email: sales@odysseytravel.com.au
Alumni Lectures
Two popular alumni lectures were held in March and May respectively. In his lecture, Understanding Delusional Belief, cognitive research scientist Professor Max Coltheart explained research into the workings of the brain and the study of delusions to an enthusiastic audience of 125. Professor Peter Curson, Director, Macquarie Health Studies Program, addressed an audience of 60 on SARS, Monkeypox and Bird Flu – nature bites back, explaining the relationships between animal and human disease and the dangers of infectious disease epidemics.

Di Yerbury Economic and Financial Studies Lecture
The second annual Di Yerbury Economic and Financial Studies Lecture held in May at the Hotel InterContinental, Sydney was given by Graeme Samuel AO, Chair of the Australian Competition and Consumer Commission, on the topic ‘Competition with Compassion – Australia’s Economic Success Story’. The audience of 120 was drawn largely from banks, insurance, finance and manufacturing companies, and included Vice-Chancellor Professor Di Yerbury, Dean of Economics and Financial Studies Professor Ed Davis, and other Macquarie representatives.

Redoak Boutique Beer Café evening
A unique beer appreciation evening drew many alumni to their first ever reunion in June at the celebrated Sydney micro-brewery, the Redoak Boutique Beer Café. Over 60 guests enjoyed a special degustation menu with matching handcrafted beers created by owner and brewer David Hollyoak, who explained how beer styles were matched to enhance food flavours. A highlight was the launch of ‘Macquarie’s Scottish Ale’, brewed for this special occasion.

DIVISIONAL EVENTS
Physics
As part of the 2005 World Year of Physics celebrations, the Department of Physics hosted a function in March for 80 alumni and guests, at which Macquarie’s distinguished cosmologist Professor Paul Davies spoke on ‘Einstein’s Greatest Mistake’.

Accounting and Finance
The Department of Accounting and Finance held a well received cocktail reception in April which attracted 55 alumni and staff. The guest speaker was Jeff Jarratt, former Deputy Commissioner of NSW Police and currently Executive Coach with the Stephenson Partnership.

Golden Key alumni cocktail reception
Some of the first members of Macquarie’s Golden Key chapter were among the 50 people welcomed to a reunion in May by Alumni Office Director Mark Herndon, who initiated the chapter in 1993. Many guests stayed late to enjoy lively salsa music and dancing at Sydney’s La Cita Latin American restaurant.
First Grade Rugby action – Eastwood vs Parramatta

This first sporting event for alumni on 9 April was organised by the Alumni Office and Macquarie University Sports Association at the University Sporting Fields. Around 50 alumni and guests and representatives of Eastwood and Parramatta Clubs enjoyed an entertaining day of rugby and an address by Ian Williams, former Wallaby and now Director of Eastwood Rugby.

Following a great match by the University’s Beacons, the big game – Parramatta vs Eastwood - was won decisively by Eastwood. A silent auction of rugby memorabilia raised $3200 to support University scholarships. Thanks to Taylors Wine for supplying the wine and Students at Macquarie (SAM) for door prizes.

OVERSEAS CHAPTER NEWS

Hong Kong Chapter
Hong Kong alumni gathered at Restaurant Aria on 18 February to celebrate the Chinese New Year. While it was cold and windy outside, alumni were kept warm sharing their fond memories of Macquarie.

Singapore Chapter
Singapore alumni enjoyed a wine and cheese night on 21 May at the beautiful Oneo15 Marina at Sentosa Cove. After watching the brilliant sunset, the crowd continued festivities at a restaurant on Siloso Beach.

Note: Because of going to press early in July, Sirius will report in the next issue on July 2005 alumni events in Hong Kong and Singapore.
Where are they now?

Earlier this year the Alumni Office wrote to all alumni for whom it had contact details, who had received prizes, awards and scholarships supported by the University’s alumni since 1991. Below, we print the news from the 15 alumni who responded.

If you are a winner of a prize, award or scholarship supported by alumni, and not among those below, we’d love to hear what you’ve been doing since you graduated, and will publish your news in the next issue of Sirius.

Adrian Boyd
1999 Raymond Powys Memorial Prize
Since completing my Master of Commerce I have continued to work in the NSW Department of Education and Training. The Raymond Powys Memorial Prize gave me the confidence to meet challenges and assume a leadership role. I am now a Principal Auditor responsible for conducting and managing audits of TAFE NSW institutes and NSW public schools. I am also a member of the Leichhardt Celebrity Brass (Solo Cornet).

Marc Convery
2001-02 Macquarie Foundation Technology Scholarship
I received the Macquarie Foundation Technology Scholarship in 2001 but dropped to part-time enrolment after becoming a research assistant in Macquarie’s Physics Department. Since then I have been completing my degree in science and working part-time at the Centre for Ultrahigh-bandwidth Devices for Optical Systems (CUDOS) on silicon V-grooves and microfluidic devices in photoetchable glass.

Shannon Cooper
2003 Macquarie Foundation Science Prize
After completing my Bachelor of Psychology in 2003, I spent a valuable year as a research assistant at the Macquarie Centre for Cognitive Science. I am currently in my first year of the Graduate Medicine Program at Sydney University and learning clinical skills at Royal Prince Alfred Hospital, while working part time with the Brain Injury Respite and Development Service, which provides respite care to people with acquired brain injuries.

Jeff Edwards
1997-99 Macquarie Foundation Technology Scholarship
Since leaving Macquarie I have been working as a Siebel Developer and I am also a key technical volunteer for an online community, vibewire.net.

Imogen Halstead
2003 Kathryn Murphy Memorial Prize
I graduated with First Class Honours in Economics and the University Medal in April this year. Without a doubt I would not have been able to devote as much time to my studies in my honours year (or achieved my results) without the financial assistance of my alumni award. I have joined the Reserve Bank of Australia as an Economist in the Financial Conditions Group, Department of Economic Analysis, and so far it’s a great place to work.

Mandy Hulme
2001 Raymond Powys Memorial Prize
Receiving the 2001 Raymond Powys Memorial Prize together with the Graduate Accounting and Commerce Centre Prize for academic excellence in international taxation has definitely contributed to the advancement of my career. I was able to complete my CPA qualification simultaneously with my Masters degree and became a Certified Practising Accountant in 2002. In 2003 my family and I moved to Armidale for a lifestyle change and I am now a Senior Accountant for the Financial Services Directorate at UNE. I have been following Professor Yerbury’s press comments on university funding and have found them relevant, thought provoking and inspiring.

Nicole Pickup
1995 Macquarie Foundation Science Prize
Since graduating in 1995 I have worked for Sydney Water in several environmental roles. In my current work as Senior Environmental Scientist, I have the opportunity to influence sustainable water management in new housing areas. I have been involved in corporate sustainability reporting (the report my team and I produced won an award in 2002) and developing Sydney’s Drought Management Plan. The Science Prize led to my winning a local youth award and being selected NSW Young Australian of the Year. Ultimately, these awards gave me the edge over the 1500 other graduates who applied to Sydney Water and helped me attain the job I enjoy so much.
Dr Gavin Recchia

1992 Macquarie Foundation Science Prize

After completing my PhD, in March 1997 I took up a CJ Martin postdoctoral fellowship in the Department of Biochemistry at Oxford, researching DNA recombinational aspects of bacterial chromosome segregation and cell division. I returned to Macquarie in February 2000, then changed direction to take up intellectual property law. I completed a Master of Industrial Property at UTS and qualified as a patent attorney, and in July 2004 was made a Principal of Spruson and Ferguson Patent and Trade Mark Attorneys. I am still very much involved in biotechnology, working with scientists, as inventors, to obtain patent protection for biotechnological inventions.

Lamorna Rogers

2001 Kathryn Murphy Memorial Prize

I work at the Reserve Bank of Australia on some really interesting projects in international macroeconomic policy. Since finishing honours I have eschewed heavy reading but am weaning myself off a diet of thriller fiction with a view to tackling last year’s Booker shortlist. I have also started an empirical study of utility maximisation, in the form of a not-so-random sampling of the restaurants of inner-city Sydney – an extremely fruitful area for research. I come from a big Maori family, with no tradition of tertiary education. Receiving the alumni prize was exciting for all the Whanau, especially for my younger relatives. It says that we can do it just as well as anyone from a white, middle-class, educated background.

Amanda (Mandy) Sayegh

2000 Kathryn Murphy Memorial Prize

Since graduating from Macquarie I have been working as an analyst with the Australian Treasury on a wide variety of issues. I have been fortunate to work with senior colleagues on high profile topics such as the Inquiry into First Home Ownership and the Review of the Commonwealth Government Securities Market, as well as being involved in the preparation of the Federal Budget. Receiving recognition for my academic achievements at Macquarie inspired a sense of confidence and pride, which I have taken forward into my career.

Tristan Smith

2003 Raymond Powys Memorial Prize

I completed my BCom and MCom while working full time with Ernst & Young and qualified as a chartered accountant. In the past six years I have worked in Sydney, New Zealand and now New York City. During my career I have been heavily involved in recruitment and have represented the Institute of Chartered Accountants (ICAA) at conferences in Sydney, while also mentoring current CA candidates. Receiving the alumni award has helped me achieve my goals to work internationally and in technical, recruitment and ICAA activities.

Karen Taylor

2002 Raymond Powys Memorial Prize

I continued to work at the NSW Audit Office after graduating and have recently been promoted to Manager. Currently I am on secondment as an Advisor to the NSW Public Accounts Committee (a Legislative Assembly Committee). This is an interesting challenge that involves coordinating and reporting for public inquiries. In my free time I coach the Year 12 Representative Netball Team for Eastwood Ryde Netball Association.

Wayne Warburton

2003 Macquarie Foundation Science Prize

Since winning the Macquarie Foundation Science Prize in 2003 I have embarked on a PhD that continues my research into the links between control and aggression. Because the prize encouraged me to examine practical applications for my research, I have begun to investigate two important social problems – road rage and domestic violence. Perhaps the highlight was being asked to give evidence in 2004 at a Parliamentary Inquiry into road rage. The prize provided financial assistance for further research and drew me into a helpful network of clever people. Thanks Macquarie!

Nu Nu Win

2002 Kathryn Murphy Memorial Prize

I graduated in 2004 year with a Bachelor of Laws/Bachelor of Economics (Honours) and am now working as a Policy Officer in the Business Tax Division of the Revenue Group, Australian Treasury. My work involves policy formulation, advice and legislative changes in relation to the taxation of large businesses. Eventually I would like to work in the field of economic development, either within Treasury or a non-government organisation. I am especially interested in economic development in SE Asia and the Pacific.
1970s
A veteran of three Macquarie degrees, Andrew Amer (BA 1972 MSc 1976 MBA 1986) has had a long and varied career in management and consulting, is a former member of the University Council and is currently on the boards of Mackay Sugar and Ainsworth Game Technology.

Kay Brain (nee Weekees) (BA DipEd 1973), who majored in modern history, joined QANTAS in 1977. In 1991 she was posted to Fiji as Manager Fiji and Pacific Islands, leaving QANTAS five years later. She now lives on the Gold Coast.

Cynthia Coombe (BA 1975) went on to qualify in social work and is now a Project Officer at the Biripi Aboriginal Medical Service in Taree. Having recently discovered her own Aboriginal descent, she is excited to be part of a history-making trial into improving the health of Indigenous Australians.

Brian Ferry (BA 1974) majored in geology and is currently an Associate Professor and Associate Dean at the University of Wollongong.

As a mature age single parent Deirdre Koller (BA 1975) studied anthropology and politics and through Macquarie’s help secured a position at the University of Sydney. Now aged 70, she still works there part time, as the Administrator of Oceania Publications in the Faculty of Arts.

The first President of DRAMAC and holder of membership card #1, Gillian Levett (BA 1970) was also Orientation Director 1970 and 1971 and went on to manage rock bands and comedians. She now runs the Australian Academy of Dramatic Art in Sydney, providing a three-year full time advanced diploma in acting.

It is 30 years since Barry Wildman graduated from Macquarie (MSC 1976) but he still enjoys receiving alumni news and reading about the ‘huge achievements’ of his alma mater. Barry is currently Deputy Principal of Mulwaree High School in southern NSW.

1980s
Aloma Fennell (BA 1982) majored in psychology and has recently relocated to Vietnam to take up a post as Lecturer in Education in a masters program at Hue University.

Stuart Findlay (BEC 1985 MBA 1993) majored in accounting in his first degree and is now a Wealth Management Specialist with the National Australia Bank in Sydney.

Now in his last year as Vice Rector Academic Affairs at the Indonesia University of Education (UPI), Said Hasan (PhD 1985) has been involved in academic matters at UPI for the last eight years and is a project manager for its development as a modern university.

Sunardi Kartowisastro (DipEd 1983) majored in curriculum development and is now a Senior Lecturer at the School of Educational Disciplines and Teacher Training in Jakarta.

Olwen King (BA 1983) majored in education and psychology and, until her retirement, was an adult education administrator. In 2003 she received the Margaret Golding award, an international award for outstanding and consistent community service.

After teaching science for two years Marc de Silva (BSc DipEd 1988) joined the pharmaceutical industry, first in sales then in training and development. He is currently in marketing and considering further management studies. (He also reveals that he married fellow student Debbie Wade, whom he first met in EDUC 105.)

Lorraine Smith (BLegS 1986) is the Chairperson of the Veterinary Surgeons Investigating Committee for the NSW Veterinary Surgeons Board.

Reverend Darcy Taplin (MA 1989) describes himself as ‘retired’ but has been putting his qualification to good use since 2001 as a part-time tutor in the arts program of the University of Wollongong at its Batemans Bay Centre.

1990s
Travis Bowles (BA LLB 1999) moved to the UK in 2001, where he works for London law firm Reynolds Porter Chamberlain, which specialises in reinsurance.

Julie Bourne (BSc 1991) is a Senior Fire Ranger for the National Parks and Wildlife Service in Grafton NSW.

After majoring in philosophy and women’s studies, Natalie Delaney (BA 1998) gained a Diploma in Energetic Healing. She now practises as a feng shui consultant and teaches meditation and self-help with Reiki, creative visualisation and body energy.

With active interests in medical malpractice, David Gorman (BLegS 1990) continues to practise as a physician specialising in pain management at Calvary Hospital in Sydney, and is a medical adviser with MIPS.

Kerry Henry (MBA 1995) is Chairman of Click On Australia and Executive Chairman of Insureaust P/L and is also involved in Kids in Need, Cambodia.

For the past 11 years Margaret Herley (MA 1992) has been Principal of Iona Presentation College, a Catholic secondary school in Perth with over 750 students.

Serfie Jamias (PhD 1996) completed his doctorate in communication and has since served as Assistant to the Chancellor and Director of the PR Office of the University of the Philippines.

Joseph Leung (MMgt 1998) is Director, Corporate Development at Asia Pay (HK) Ltd in Hong Kong.

Mun Ching (Richard) Loh (MBA 1996) is the Chief Operating Officer for Asian Development Ventures in Singapore.

Reverend Siosaia Pele (MA 1992) is President of Education with the FWC Education System in Tonga.

John Pickering (BEC LLB 1992) was appointed NSW Crown Prosecutor by the NSW DPP in November 2001.

Diana Ross (BEC 1994) qualified as a chartered accountant in 1996 and works as a Financial Controller for RE/MAX Australia in Brisbane.

Natasha de Souza (BEC 1991) holds the position of Director with KPMG Actuaries in Sydney.

Charles Tee (MA 1996) majored in marketing management and is leading the entry of Wotif.com into Asia, heading the Asian office as Chief Operating Officer.

Brendan Thomas (BA 1995) majored in history and is currently Director of the Crime Prevention Division at the NSW Attorney-General’s Department. Prior to this, as Executive Officer of the Aboriginal Justice Advisory Council he worked with Aboriginal communities to develop innovative solutions to Aboriginal justice problems around NSW.

Amanda Watson (BA 1997 BA Hons 1999) majored in mass communications and is a lecturer at the Divine Word University in
Madang, PNG, teaching courses in radio production, development communication and literature.

Frances Wilde (BA 1996) who majored in psychology, found her degree very useful as a registered nurse in the research unit of the Family Planning Association. After she retired from the FPA she took up voluntary telephone counselling with Lifeline.

Dr Alex Wilson (BSc 1994 BSc Hons 1995 PhD 2001) is currently a Postdoctoral Fellow at the University of Arizona and has accepted a tenure track position in the Biology Department at the University of Miami, Florida, to start in 2006.

2000s

Ferdinand Abenales (M Int Bus 2002) moved to the USA in June 2004 and now works as Chief Accountant for John MacDonald Insurance Services in California.

Karoline Augestad (M Int Communication 2004) also has a BBA from Macquarie and works as a Marketing Consultant for the Norwegian business daily in Oslo, Norway.

Enrolled for an MA in history at the University of Newcastle, Margaret Blundell (BA Hons 2000) has chosen to study the heritage listing of dwellings for her thesis.

Garth Buchanan (Grad Cert Public Sector Management 2004) works for the Department of Health and Ageing in Canberra as Assistant Director, Population Ageing and Research.

(Melinda) Su Mei Chui (BCom 2001) works as a Financial Auditor for Cathay Pacific Airways in Hong Kong.

Pei Jun Dai (M Int Bus 2003) has become General Manager of Shanghai Booming Logistics Co in Shanghai, China.

Vanessa Di Giglio (BSc 2004) works in administration at the Vet and Quarantine Centre of the Zoological Parks Board of NSW at Taronga Park Zoo, Sydney.

Based in Cairns on a three-year tenure, Andrew Hosking (M Mgt 2001) was recently appointed Director Regional Queensland for the Australian Customs Service.

Chalathip Jayanama (M Int Rel 2002) has joined Chulalongkorn University in Bangkok as International Officer in the Office of International Affairs.

Somdate Kaehaloon (M App Ling 2001) is Assistant Manager with the Thai Ministry of Education and was sponsored by a Freeman Foundation Scholarship to represent Thailand at the 2004 Fall Leadership Institute in Hawaii.

Yat Sing (Daniel) Leung (M Mgt 2000) specialised in logistics and operations management. He migrated to Australia with his family under the Senior Business Migration program and established Protective Star (Australia) P/L to promote Australian education programs in HK and China.

Thitiya Lorthongphanich (M Int Communication 2004) works as a Marketing Officer for Bualuang Securities in Thailand.

Cameron McCracken (M Int Rel 2004) is the Ship Repair Contracts Manager (East Australia) for the Department of Defence (Navy) at Garden Island, Sydney.

Marcella Nelson-Aebi (M Mgt 2002) writes that her business, Abercrombie Sandwiches, (2 Bond St Sydney) was the first to introduce Sydney-siders to the Tramezzini – a handmade 3kg block bread. She says the suits queue to eat it. Why not be among them?

Look out for a new toys and children’s book store in Sydney, Piccolo Toys and Books, the brainchild of Golden Key alumna and children’s literature major Nola Pearce (BA 2005) – who says she is ready to ‘blitz’ the Sydney market!

After his psychology doctorate, Dr Stuart Smith (PhD 2000) completed a three-year postdoc with NASA’s Ames Research Centre in California and is now a Lecturer at Trinity College Dublin. He writes that he ‘enjoys the Guinness but not the weather’!

Duncan Turnbull (MBA 2000) has moved to the UK where he is Head of Customer Services at the BNP Paribas Lease Group in Hampshire.

Congratulations to Shirley Goldrei, last year’s winner of the University Medal for Computing, who graduated with First Class Honours in her BSc. Shirley left high school 20 years ago without an HSC and enrolled at Macquarie through the Jubilee Scheme, which allows entry by people over 21 without the formal qualifications for admission.

Otford Press recently published The Land of Flowers: An Australian environment on the brink, by Irene Cunningham (BA 1982 MA 1985), Honorary Associate, Department of Modern History. A cultural and environmental history of one of Earth’s most endangered hotspots, the southwest of Australia, the book has been described as ‘an outstanding piece of forensic ecology’ (Keith Bradby) and as ‘A magnificent cry from the heart which demonstrates that passion and impeccable scholarship can reinforce one another … it should be mandatory reading for all Australians.’ (Professor Frank G Clarke). Copies can be obtained by emailing: james.herold@otford.com.au

In February Keen Len Chan, who completed a Macquarie MBA in Singapore, published his book One More Story to Tell: Memories of Singapore, 1930s – 1980s, a collection of writings by his late father, many of which were first published in a column he wrote for the Straits Times between 1998-2002. The book documents Singapore’s history and heritage over that period, and touches on many facets of its socio-cultural history.

Myanmar (Burma) finished his studies at Macquarie 30 years ago, one of 11 students on a Colombo Plan Fellowship Award administered by AUSAID. His most recent role has been as Deputy Director General (Academic) in the Ministry of Education, Myanmar. He writes: ‘Most of us have now retired but we were all well nourished by Macquarie and were productive. He salutes his alma mater and says that ‘Graduate Grapevine is evidence of Macquarie’s distinguished sons and daughters in diverse professions all over the world, in which we take pride.’
In announcing its innovative $15 000 national Physics Art Prize, Macquarie has taken a renaissance approach to marking the World Year of Physics 2005.

The competition will showcase the central role physics plays in science and technology, and invites multi-media contributions from such areas as astronomy, lasers, biophotonics, quantum science and education. Two workshops will enable artists to consult with university physicists.

The Physics Art Prize is a fitting celebration of 100 years since the transformative work of Albert Einstein on the existence of atoms, the particle behaviour of light and the theory of relativity.

Entries will be judged by the Vice-Chancellor, Professor Di Yerbury, UNSW physicist Professor Robert Clark and celebrated holograph artist Dr Paula Dawson. Awards will be presented on 15 December and the final works exhibited at the University Art Gallery until 23 January 2006.

The initiative of Physics Department Head Professor Deb Kane, the Prize has been enthusiastically supported by Professor Yerbury and Deputy Vice-Chancellor and physicist Professor Jim Piper.

The Prize is in keeping with the multi-disciplinary philosophy of the University, says Rhonda Davis, Gallery Education Officer. ‘Lots of artists work with light technology, installation and multi-media. Aboriginal artists also work in the field of time, often condensing past and present.’

By happy coincidence, this year the University has been offered a gift by Paula Dawson of the proofs of her acclaimed hologram, *To Absent Friends*, 1989. The donation will be a culmination of the artist’s long association with the Centre for Lasers and Applications and Professor Piper, whose laser expertise was instrumental in its creation.

*To Absent Friends* was ambitious in scale and concept. Dealing with time and memory, it comprised a bar room where mirrors and reflective surfaces were replaced with holograms which recorded the disintegration of orderliness over the course of a staged New Year’s Eve party.

Described by Professor Piper, who was one of the participants, when people looked into the holograms instead of mirrors, they uncannily saw themselves in the past.

In tones of red and orange, the hologram with its detailed 1970s bar paraphernalia is compelling. As much performance and sculpture, it evokes an ambivalent emotional landscape, and is unique for its depth of image and the size of holographic plates. The three main holograms were exhibited at Artec 89 in Nagoya, Japan, and became joint winners at the Grand Prix 89.

Through its Physics Art Prize, Macquarie will not only celebrate the contribution of physics over the past century, but no doubt fuel the debate on ‘What is art?’