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“We had so much fantastic support from everybody at CELT,” said Rosemarie. “At first I thought I could get through it without telling anybody at work. Then I realised I needed their support as much as my family’s. I feel very indebted to the people who helped me. That’s why I was willing to shave my hair off, to show my support, as well as help raise money,” she said.

Rosemarie said she loved coming to work while she could last year, because, while she was in the classroom, she could shut out the cancer. “I wanted a large portion of my life to remain normal,” she said.

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Revisiting the trauma

Cancer survivors’ dramatic show of gratitude

by Lindy Brophy

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Continued on page 3
Cancer patients having chemotherapy and radiotherapy feel nauseous and constantly tired, and the last thing they feel like doing is exercising.

But visiting Raine Professor Kerry Courneya, a professor of physical education and an adjunct professor of oncology at the University of Alberta, says exercising will help them to feel better.

His research looks at understanding the role of physical activity in cancer control, including primary prevention, coping with treatments, rehabilitation after treatments and secondary prevention and survival.

While he is at UWA, working with fellow Albertan, Associate Professor Bob Eklund, he is concentrating on women who have survived breast cancer and how to get them to exercise.

Professor Courneya and A/Professor Eklund are co-supervising a PhD student, Helen Milne, and combining their expertise: Professor Courneya’s in cancer and exercise, and A/Professor Eklund’s in motivation and social physique anxiety (anxiety about having one’s body evaluated by others).

This anxiety is often felt by women, and compounds the reasons why women with breast cancer or who have survived breast cancer, typically show a marked decline in exercising.

The two researchers are pooling their experience to do a unique study on exercise motivation in breast cancer survivors.

“Women who have survived breast cancer have gone through the shock of diagnosis, probably surgery, and often radiation and/or chemotherapy, all of which has left them fatigued, nauseous, perhaps in pain, quite likely depressed, and often on long term drugs.

“They are at a time in their lives when exercise could do them a lot of good, especially with the some of the therapies’ toxic chemicals inside them. But our studies have shown that many women who exercised regularly before the cancer drop their levels of exercise during treatment and take a long time to resume it afterwards. Those who weren’t exercising regularly before diagnosis rarely take up exercise during or after treatment,” Professor Courneya said.

“Added to how they feel physically is their self image and self esteem. Many of them have lost a breast, have lost their hair, some have put on a lot of weight during chemotherapy, they are out of condition. Nothing is going to induce them to put on their bathers and go to a local swimming pool to exercise or turn up at the local YMCA or fitness centre and exercise with other women.”

This is where A/Professor Eklund’s research comes in. He has been looking at different sort of anxieties in different cohorts of people (more often women) about their body image and exercising in public places where their bodies may be evaluated.

“There are some women who love putting their bodies on display, who find it motivating to compare their bodies and have their bodies evaluated by others. But for many women, and it would generally include survivors of breast cancer, these are the reasons they don’t exercise,” A/Professor Eklund said.

Professor Courneya said the natural reaction to nausea and fatigue was to curl up on the couch. “Indeed, these women are often told to rest. But if we could find a way to get these women exercising, they would find their fatigue reduced. When they are fitter, they need less energy to complete daily tasks, which, in turn, makes them feel better.”

He has studied several groups of women who have survived breast cancer and are undertaking exercise programs in Alberta.

“They all tell me how they love the controlled environment,
Continued from page 1

Revisiting the trauma

“I was always mad on the gym, doing yoga, meditation and tai chi. But I felt so awful I couldn’t keep up with my exercise,” Becky said. “I had to force myself to go for a walk. I used to walk on the beach, which really energised me and made me feel much happier. It was only when I was having chemotherapy and radiotherapy at the same time that I felt I had hit a wall of fatigue, and I couldn’t do anything but lie around.”

Rosemarie didn’t do any exercise while she was sick, but she and her family moved house three times — something most people find stressful to do just once. They first moved from Maida Vale into a new home they had built at Jane Brook. “But I soon saw how insane it was to have to drive from the Swan Valley in to QEII every day for radiotherapy. So we moved back to our old house in Maida Vale while we looked for something in Perth. Then we bought a house in Mt Lawley and moved into it.”

While Becky and Rosemarie are grateful for the support of their colleagues, the staff at CELT have admiration for the way they both got on with their lives. “We’re very proud of them both,” said Bianca.

Colleagues Caimin Lynch and Fiona Taylor are CELT’s traditional fund-raising organisers, and they arranged the head shaving, Caimin losing his locks and Fiona colouring hers. The group raised more than $200 with donations still coming in.

Rosemarie and Becky said that, although it sounded trite, they both realised, while they were sick, that families’ and friends’ support was essential, and how important it was to tell those people that they loved them.

They also hoped that their dramatic head shaving would help to keep breast cancer on women’s agendas, that they would not be afraid to talk about it, and that it would encourage them to have any abnormalities checked immediately.

where they are all breast cancer survivors. They can take their wigs off, they don’t feel embarrassed about their bodies, and they love how the regular exercise makes them feel better and improves their quality of life.

“The challenge is to get women to do it – and to find places and programs with which they feel comfortable.

“The prognosis for breast cancer is usually good and most survivors are keen to improve their quality of life, to prevent the cancer coming back. But the social physique anxiety is very strong.”

Most of these young women have no problems with social physique anxiety – but many women do
Our University has been engaged in much debate — through Senate, Academic Board, Student Guild and public seminars — on the issues emanating from the Federal Government’s education reform package.

Issues relating to options for increased HECS and the introduction of domestic fee-paying students involve many complex factors: ideological, political, economic and academic.

While there are arguments in favour of a bold and aggressive approach to the opportunities presented by new Government policy, there are also arguments in favour of a cautious approach to see how the market develops and how election outcomes (both Federal and State) are likely to affect policy shifts.

For us, the first issue has been to resolve broad policy and principle. In that regard, the starting points for discussion have been the University’s mission and vision which direct us towards achieving international excellence as a high quality, comprehensive, teaching and research university. To do this we need to grow.

Our preferred position has been to achieve growth through publicly-funded HECS places. Despite well-argued cases, we have not been successful.

Continued chronic Federal Government under-funding of the university sector means universities must consider all options. There may be discussion about the sources of additional funding, but there can be no question that such funding is essential to our University’s development for the benefit of our students and the State of Western Australia.

I am also confident there would be consensus on broad principles, including that:
• the debate on fees and HECS policy should be set against the core principles of quality and access;
• the principal driver of access should be academic merit, rather than ability to pay; and,
• there should be parity of academic (entry and exit) standards between Australian and overseas students.

Despite our position as market-leader (in terms of demand from high quality students) and whatever the outcome from the current debate, we must continue to impress upon the State and Commonwealth Governments that it would be very unwise to use the perceived capacity of our University to attract fee payers as an argument for limiting our share of funded growth.

As part of the continuing consultation process, there are two forums for staff and students on April 14 in the Social Sciences Lecture Theatre (1-2pm) and on April 22 in the Simmonds Lecture Theatre (noon-1pm). I would urge staff and students interested in these issues to consider attending one or other of these forums.

Alan Robson
Vice-Chancellor
A UWA PhD student has become Everest hopeful Ed Bradley’s secret weapon.

Rob Duffield, who has recently submitted his thesis on energy systems’ interaction in track and field sports, has been helping Ed, a BankWest executive and keen mountain trekker, to prepare to achieve his dream, to climb to the top of the world’s highest mountain.

“I’m not a mountain climber – I’m actually a semi-retired 400m sprinter – but I coordinate the School of Human Movement and Exercise Science’s Centre for Athlete Testing. And when Ed contacted the school, he was put on to me,” said Rob.

For ten weeks, Ed has been following an exercise program designed by Rob to increase the maximum amount of oxygen he can consume, to increase his strength and to improve his endurance.

“To increase his VO\textsubscript{2} max (the amount of oxygen he can consume) he does repetitions of one- to three-kilometre sprints and hard repetitions of swimming sprints. This sort of exercise builds up the cardio-vascular capability,” said Rob.

“At high altitudes, you can get to the point where you are operating on VO\textsubscript{2} max just to keep alive. That happens at about 9,000 metres. Everest’s peak is at 8,848 metres, so Ed will be just about stretched to the limit.”

He will be trekking about six to seven hours a day with a 20 kilogram pack, so Rob has Ed practising with eight-hour treks in the Swan Valley on undulating tracks, carrying 24 kg.

Ed is also under the care of a dietician and says he hasn’t eaten so much since he was a teenager. “I made the mistake, last time I attempted a climb in the Himalayas, of losing weight before I went, which I now know is exactly the wrong thing to do,” he said.

He has trekked to Everest base camp (about 5,000 metres) and has climbed Cho Oyu, the sixth highest mountain in the world, next to Everest. “Cho Oyu is 8,201 metres, but I couldn’t make it to the top, and Rob looked at the reasons why I couldn’t, before he designed my program,” Ed said.

Rob said Ed suffered from altitude sickness (which could be helped with the cardio-vascular training) and also suffered fatigue and exhaustion (which could be alleviated with the endurance training and the correct diet).

“About 8,000 metres is where altitude can start affecting your body badly, and we’re doing everything we can to guard against that,” Rob said.
The demand for totally perfect surfaces on golf courses has reached the soil science laboratories at UWA.

A visitor to the Vines Resort golf course in the Swan Valley might see perfection in the rolling greens, carpet-like teeing surfaces and smooth fairways.

But assistant superintendent Paul Wright sees couch grass encroaching on the bent grass, damage to the bunkers by the local kangaroos and, most insidious of all, the invisible nematode slowly killing the carefully nurtured turf.

The nematode, an ectoparasite, has become the focus for Paul’s PhD, under the supervision of Professor Krishnapillai Sivasithamparam (known as Siva).

“You can’t see the nematodes – they’re underground – but the grass dies and the dead area slowly spreads. Most people think it’s lack of water or nutrients, so they pile these on, and vaguely wonder why the turf doesn’t recover.

“The symptoms are tolerable and, on public golf courses, which have low budgets, the problem just doesn’t get addressed,” he said.

But golfers who pay high prices to play at The Vines, selected as Australia’s best resort golf course in 2001 (by Golf Course Magazine), demand the best, and Paul wants to deliver it.

“I love my job and I take pride in ensuring that every square metre of the 96 hectares of maintained irrigated turf are at their best as constantly as possible,” he said.

Paul completed an apprenticeship in turf management through TAFE and has worked at The Vines for seven years. As assistant superintendent, Paul supervises a staff of 30 green keepers, who mow 96 hectares of turf three days a week, keeping the tees and fairways clipped to 7.5mm, the greens to 3mm.

He completed a Bachelor of Turf Management externally at the University of Sydney flying over for exams. He then went on to do his Masters, where he concentrated on couch grass removal from bent grass on golf greens. (Pencross bent grass is the variety used at The Vines to create a carpet-like surface for putting).

“I finished my Masters in 2000 and I wanted to keep studying because, much as I love my job, I don’t want to be out in the sun forever. I hope I can move to turf consulting one day in the future,” Paul said.

He is currently looking at nematode populations in turf and trialling four different types of grass to find the one most resistant to nematode attack. “I’m concentrating on one particular nematode, a sting nematode. It lives outside the root but has a needle nose (stylet) that punctures the root and sucks out the nutrients. When a nematode has killed the grass it’s living on, it moves on to the next living patch. It is very resistant to the only nematicide on the market in WA.”

He said golf greens, with moist sandy soils and roots high in nutrients, created the perfect environment for nematodes. The fight against them has almost become a personal vendetta for Paul, who is enduring the difficulties of
Hockey, football, rugby and lacrosse will be played this winter on UWA fields watered by treated municipal wastewater.

The scrupulously treated ‘grey’ water is usually discharged into rivers and oceans, and a valuable resource is lost. But last month, the University’s McGillivray Oval became the first water customer in the metropolitan area to use large-scale application of this resource.

The project is a partnership between UWA, the Water Corporation and the State Government’s Department of Environment. All the new main lines, controls, pipes and filters have been installed by the Subiaco Wastewater Treatment Plant and paid for by the Federal Government’s Coasts and Clean Seas Program.

The project supplies two megalitres of wastewater per day to McGillivray, to water most of its 18 hectares of sports turf. The other 53 megalitres is still discharged about a kilometre off Swanbourne Beach. But this project is designed to trial the use of the wastewater for two years and, if all goes well, the scheme could be extended.

Grounds supervisor at McGillivray, Chris Marsh, said he and his staff were happy with the new scheme and hoped that more than 200,000 people who use the grounds each year would also approve.

“Wastewater is only used between the hours of 9pm and 1am and a four-hour ‘exclusion zone’ is in place, from the time the watering stops to the time the grounds can be used.”

The CSIRO is monitoring the soil at the sports park and the University is sending monthly samples to the Health Department. “The nutrient value of the wastewater is unknown, but there is definitely some nutrient there,” said Chris. “The water has an earthy smell, but it’s not obnoxious.”

Water saving trial at McGillivray

UWA sports park supervisor, Chris Marsh, is all in favour of wastewater on the playing fields

“No wastewater is used in areas where water is sprayed on buildings and we also don’t use it near the jump pits. If we’re going to work on, say the cricket pitch one day, we’ll switch the system and use bore water on that area the night before, so there is absolutely no chance of any problems,” he said.

Chris said the new system had reduced power costs for the University, the watering was done more quickly (“The wastewater treatment plant pumps it out at 104 litres a second and in some areas, that means watering time is reduced from ten hours to two hours”) and underground water was conserved.

The Hon Nick Griffiths, Minister for Government Enterprises, turned the tap to start the scheme at a ceremony at McGillivray late last month.
Elite achievers

A small group of outstanding individuals is honoured each year at UWA graduation ceremonies, their achievements spanning every aspect of the community.

This year, their contributions to the community include working with the Bali bomb victims, upholding Aboriginal land rights, playing some of the best organ music in the country, bringing science to the people, and voluntary work in academia during retirement.

The University bestowed honorary doctorates on Dr Fiona Wood, Emeritus Professor John de Laeter, the Governor of Western Australia, Lieutenant General John Sanderson, and former High Court judge John Toohey. They were all admitted to the Honorary Degree of Doctor of Letters.

**Dr Fiona Wood** is well-known to all West Australians for her tireless and dedicated work to save and heal the victims of the Bali bombing. She is recognised internationally for her contribution to achieving excellence in burns management.

A plastic and reconstructive surgeon, Dr Wood also has clinical and research commitments and is the co-founder and director of a successful tissue engineering company, Clinical Cell Culture, which creates spray-on skin for the treatment of burns victims.

Her motto “How can we do it better?” drives her and inspires many others to pursue quality burns care for patients.

**Emeritus Professor John de Laeter** is a distinguished physicist whose commitment to public education has provided enjoyment for thousands of West Australians.

He led the development of the popular interactive science research centre, Scitech, and is still the centre’s patron. He developed the concept that led to the creation of Technology Park, at Curtin University.

He has a minor planet named after him, in recognition of his contributions to astrophysics. Professor de Laeter is also Chair of the Gravity Discovery Centre Foundation, the public arm of UWA’s Gravity Research Centre near Gingin.

**His Excellency, Lieutenant General John Sanderson** completed nearly four decades of distinguished military service before being appointed Governor of Western Australia in 2000.

By the end of General Sanderson’s military career, he was Chief of the Army and had been seconded to the Secretary-General of the United Nations to complete planning for peace in Cambodia.

A military and civil engineer, General Sanderson is committed to bringing attention to indigenous issues and is dedicated to unleashing the creativity to be found in the whole community.

**The Honourable John Toohey** is recognised, not only by his colleagues in the legal fraternity, but by the whole community, as a champion of the rights of Aboriginal people.

As a Justice of the High Court from 1987 to 1998, he presided over cases which led to significant change for indigenous people, including the Mabo and Wik decisions. Those decisions gave rise to the Native Title Act.

Justice Toohey’s association with Aboriginal people began in 1974 when he spent a year in Port Hedland, setting up the Aboriginal Legal Service for the North West. Since his retirement from the High Court, he has continued that association, by researching the nature and content of customary law.
Chancellor’s medals

Chancellor’s Medals were awarded to six people whose service and commitment to the University has been exceptional.

Dr Hank Greenway made an outstanding contribution to teaching and research and Plant Biology. But it was his work in retirement, as an Honorary Research Fellow, that brought him into such high esteem. Since his retirement in 1992, Dr Greenway has contributed to the supervision of many postgraduate students, been an adviser to students undertaking ecophysiological project, contributed to the ecophysiological group and taught a much-needed postgraduate course.

Dr John Glover, a geologist, made an equally distinguished contribution, both during his working life and in retirement. Since his retirement in 1990, his working hours have exceeded those of a paid position. He has assisted with teaching, written courses for honours students, appraised manuscripts for colleagues, and continued his own research into the origin of Aboriginal artefacts, and the role of radioactive mineral grains in the origins of life and the search for oil reserves. Dr Glover was prominent in the redevelopment of UWA’s Geology Museum in 1987.

Jan Stewart, a social worker by profession, who was educated at UWA, is Chief Executive Officer of Lotterywest. She has been a keen supporter of the University over many years, in particular of the UWA Perth International Arts Festival and of the University’s medical research programs.

Malcolm Orr capped his distinguished career as a university administrator with nearly 20 years as UWA’s Registrar. Serving under five Vice-Chancellors, his skills as a writer, administrator and diplomat became legendary among the University community.

Annette Goerke’s contribution to the community has encompassed outstanding musical performance and music teaching in both religious and secular areas.

Appointed as organist at St Mary’s Cathedral at the age of 17, she played there for 18 years, before being made Director of Music, and she continued in the dual role for a further 25 years.

She has introduced Australian audiences to modern organ works, in particular the music of Olivier Messiaen. One music critic wrote: “Few organists in Australia have made their mark on the music scene as impressively as Annette Goerke.”

A graduate of UWA, she has taught in the School of Music, given regular lunchtime recitals in Winthrop Hall and has enhanced graduation ceremonies for many years.

Molly McGurk is believed to be the only musician to have been a soloist with the Sydney Symphony Orchestra, one year as a concert pianist, the next as a singer. But her glorious voice established her reputation as one of the Australia’s finest singers.

During the heyday of the University Choral Society, she regularly appeared as a soloist under the baton of Sir Frank Callaway. While she was the School of Music’s principal singing teacher, she taught Sarah Macliver, Lisa Harper-Brown Elisa Wilson and Gregory Yurisich, who all went on to have brilliant singing careers.

Annette Goerke and Molly McGurk were recommended for Chancellor’s Medals by Emeritus Professor David Tunley and Sir Frank Callaway (before his death last year) to mark the 50th anniversary of UWA’s School of Music.
Maxi enrolment for microeconomics

For the first time at UWA, enrolments in a single unit have gone beyond 1,000 students.

Microeconomics 101 has 1,040 students signed up for Dr Pamela Statham-Drew’s first year unit. The second most popular unit this year is another in the Faculty of Economics and Commerce, Financial Accounting 101, with 694 enrolled students.

At a time when young graduates are told to expect that they will be creating their own jobs, an education in economics and commerce seems to be preferred by more students to any other individual area of study.

Economics and Commerce has been running big classes and producing the biggest numbers of graduates for several years. But thirty years ago, when most graduates could expect to get a job simply because they had a degree, the pattern was different.

In 1974, the biggest single enrolment was in a first year Psychology unit. Psychology is still popular with first year students, with an enrolment this year in Psychology 101 of 682 students. But what caused the swing away from students wanting to know what makes us tick, to wanting to know how to make money?

Psychology lecturer Dr Vance Locke suggests that money is not so much the issue as security. And he thinks it’s parents of young students who are keen to see their children get a degree that will help them get a job.

A recent Australia-wide survey showed that adults rate happiness and security for their children above the traditional ‘great Australian dream’ of owning their own home.

Dr Locke said that economics was a transportable degree, so overseas students could study here and work back home with ease, and local students could work overseas with the same degree. “Whereas psychology is tied to professional registration boards here, so it’s less transportable,” he said.

“There are not all, economics and psychology are not dissimilar. Economics involves an understanding of the psychology behind consumer behaviour, reserve bank decisions, management strategies, and motivation.

“Indeed, we offer a joint Bachelor of Science/Economics degree to capture this, and teach Masters level industrial and organisational psychology with Organisational and Labour Studies,” Dr Locke said.

“So another way of looking at the trend is as a bias towards applied psychology in economic settings.”

In practical terms, big enrolments mean more choices for the students, as core lectures have to be repeated once or twice each week, because there is no venue that could fit more than 1,000 students. And there are implications for teaching and learning effectiveness with groups of more than 300 students.

Boost for young engineers

Four final-year Engineering students have won Clough scholarships, providing living expenses for this year and the offer of graduate employment next year.

Kai Valenti (mining engineering), Craig Boston (civil), Valen Chan (electrical and electronic) and Guy Hill (mechanical) were awarded their $5,000 scholarships by Clough Limited’s chairman, Jock Clough.

The scholarship aims to encourage students in the application of their studies to business situations. The three-year Graduate Development program is designed to prepare graduates for careers in the engineering and construction industry through practical experience.

Craig Boston, who won a Vice-Chancellor’s Award of Distinction and a UWA Leadership award in 2000, said the scholarship would take the pressure off trying to balance both work and study in his final year. “I have such a high regard for Clough, so to be recognised by them in this way is a real honour for me.”

Kai Valenti, who already has a degree in physics, said he was looking forward to spending time on site, to assist the transition from university to workplace.

Valen Chan said he was delighted with his win and thought he had missed out as he was not called back for a second interview.

Guy Hill, Trinity College Academic Scholar in 2000, 2001, 2002 and 2003 and trinity College Citizenship Scholar in 2003, said it was a real achievement to have won the scholarship. “I know the calibre of Clough Scholarship winners has always been high,” he said.

Clough has awarded scholarships to students at UWA, Curtin and Murdoch universities since 1973.
Australian students on exchange in Japan can find it an almost full-time job keeping on top of the very different culture in that country.

Three UWA law students also had to learn about and work within a very different legal system, when they went to Tokyo earlier this year.

Through the Japanese Internship Program, co-ordinated by the Law School’s Associate Dean, Eileen Webb, the students, all in their final year of a combined degree this year, worked in Tokyo law firms and lived with Japanese families for just over a month.

They learned the difference between Bengoshi and Shihoshoshi law firms. “It’s a bit like the difference between barristers and solicitors in Australia, but the different types of lawyers in Japan work in different areas of law,” Ms Webb said.

“The Bengoshi firms handle trade and commercial law, while the Shihoshoshi tend to handle more day to day matters, including property law,” she said.

One of the students, Sandra Costopoulos, worked with a Shihoshoshi firm, run by Masao Oonuki, which also handled guardianship disputes. Her paper, as the final part of the elective Japanese Internship Program, will look at guardianship issues in Japan.

Usually law students who also study arts, and who major in Japanese, apply for the internship. One of the students this year, Nicholas Cunningham, is majoring in Chinese studies, but plans to specialise in Asian law. He was placed with a Bengoshi firm, run by Tomokatsu Maeda in the Ginza-Higashi Law Office, in the centre of what is described as the best shopping area in the world. The company does a lot of business with China and Nicholas worked with Chinese businessmen during his internship.

The third student, Andria Wu, also worked with a Bengoshi firm. Her placement firm, Ryudo Sogo Law Office, dealt with trade and commercial law, and was situated in the middle of Tokyo’s nightclub district. Its principal, Hiroshi Matsushima, has been involved with the internship program for eight years.

The internship program has been running for ten years, but this is only the second year that UWA students have joined in. It was started in 1994 when a now retired Japanese lawyer, Mr Ishida, approached Griffith University’s law school. At that time, Eileen Webb was working at Griffith and she ran the exchange for three years, before coming to UWA.

“Then in 2002, we started some cross-enrolments in the Griffith program and, the following year, I was asked if we would like to send some of our students on the internship program and I found myself co-running it again,” she said.

“The Japanese law firms do so much for the students. As well as taking them into their workplaces, many of them are host families for the students; they put on parties and other entertainments and really look after them. The Shihoshoshi Association put on a series of lectures especially for our students, and provided interpreters for classes they offered.

“It’s a fantastic opportunity for the students. It provides an experience that could change the course of their professional lives.”
Promoting public debate

The labelling of some academic contributions to public debate as partisan and out of touch elites may be attributed to a lack of public understanding, misinformation and unchallenged assumptions disseminated by those with a vested interest in their acceptance.

It may also be attributable to our participation being construed as patronizing and partisan rather than informative and objective. By moving beyond independent, scholarly commentary into the political fray and purporting to assume the moral high ground, we run the risk of devaluing our contributions by providing those with a vested interest in stifling our commentary with the ammunition required to foster a public perception of our contributions as elitist, politically or ideologically driven and condescending.

The challenge of constructive public commentary, it seems to me, is to inform public debate without necessarily also forcing public agreement with our personal conclusions on issues, politics or persons. This means, for example, that in questioning the use of the term “illegal” with reference to asylum seekers, or discussing the social implications of indefinite detention without trial or the denial of natural justice and judicial review to “terrorists”, we need to ensure that we do not create the impression that such issues are only relevant to those adopting an “anti Bush” or “anti Howard” posture. Ultimately, it is far more important to ensure that public debate is informed, than to promote our own political conclusions.

Some of us still feel frustration when we think of the 1999 referendum, not because the republic amendment was rejected, but because we permitted a campaign of misinformation to exploit the public’s lack of interest in and understanding of our constitution and structure of government to produce an outcome so unrepresentative of the public’s unquestioned preference for an Australian head of state. This lack of political knowledge and understanding (eg. virtually no Australian can name the current Governor-General) leaves our country’s democracy vulnerable to manipulation.

Criticism of our courts, egged on by often uninformed media commentators and those resentful of restraints which courts impose on their power, provides another prime example of an area ripe for academic community involvement. Contrary to prevailing views, our courts welcome constructive feedback and criticism of their decisions. To think otherwise would be to suggest that our judges do not interpret and apply laws with which they personally may not agree, but rather that their decisions merely reflect their personal convictions.

As a discipline, Law is not unique in being misunderstood by the public, or in the reasons for that lack of public understanding. In large measure, the public’s lack of legal knowledge and understanding is the law’s fault - the jealously guarded mystique of which we’re reminded whenever we hear that our courts are sufficiently transparent and accountable because our courtrooms are open and our judges are required to provide written reasons for their decisions. It is one thing to provide reasons, quite another to provide reasons which are both accessible to and understandable by the public. Working to change such mindsets from within our disciplines, professions and classrooms is our long term strategy for facilitating public access to and understanding of public issues and institutions. Providing our students with opportunities to interact with community groups, I believe, is a crucial but underutilized community service. Such interaction serves to promote awareness of the levels of public awareness, understanding and attitudes towards our disciplines, an appreciation of community values, whilst facilitating community input into our disciplines.

Our universities have the capacity to promote and encourage the involvement of their staff in community education and public debate through greater recognition of such work. I note that an academic’s writing of an informative and readily understandable column for a newspaper, while likely to be read by hundreds of thousands is deemed an insignificant contribution alongside the publication of an esoteric journal article, written in a language possibly only understood by a handful of others, and unlikely to be read by more than a few. At a time of tertiary education restructuring, when we seek community support and public funding, it may be appropriate to examine the extent and manner in which we contribute to public knowledge and debate.
The President of the Australian Senate, Senator the Hon. Paul Calvert, invites entries for the Richard Baker Senate Prize, valued at $3000, for the best essay, article, thesis, dissertation, book or journalism (in any medium) relating to the work of the Australian Senate.

There are no age or other restrictions on eligibility for the prize. Entries may be submitted by their authors or nominated by any other person.


For further information contact:
Wayne Hooper,
Director, Research Section,
Department of the Senate,
Parliament House, Canberra, ACT 2600
PHONE 02 62773078 or email
wayne.hooper@aph.gov.au

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### Redundant Equipment for Sale

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PRICE</th>
<th>AGE</th>
<th>COND.</th>
<th>CONTACT</th>
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<tbody>
<tr>
<td>HP Color LaserJet 4500N with spare toner cartridges</td>
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<td>PC - Celeron 366, 96Mb RAM, 4.3Gb HDD, 15” monitor</td>
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<td>Macintosh SE</td>
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<td>Macintosh LC630 with monitor</td>
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Bids should be accepted by Monday 19 April with schools to have first option.

Schools are reminded that all University equipment available for sale must be advertised in the UWAnews. Receipts should be PeopleSoft account coded 490 (computing with barcode), 491 (non-computing with barcode) or 493 (items with no barcode). If equipment has an existing barcode please contact extension 3618/2546 for details.

CONDITION refers to the general condition of item (1 = as new; 2 = good; 3 = serviceable; 4 = unserviceable). AGE refers to the nearest year.
Tuesday 6 April

PUBLIC LECTURE
‘Sending them home: the new world of refugee politics’, A/Prof Robert Manne, La Trobe University. Chaired by Dr Carmen Lawrence. The public lecture is free, however reservation is essential on 6488 2020 by 30 March. Australia became, in September 2001, more extreme in its policies toward asylum-seekers than any other Western country. It adopted a strategy of using naval force to exclude unauthorised arrivals by boat. It imprisoned asylum-seekers indefinitely if they failed to prove their claim to be refugees. And, for those boatpeople found to be genuine refugees, it granted only temporary visas that forbade family reunion and left hanging the threat of imminent deportation. This lecture looks at the reasoning behind these punitive policies and their devastating effects, and moves on to consider the present attempt to repatriate — frequently against their will — the Afghans, Iraqis and Iranians who have been turned away from Australian shores. It is based on in-depth interviews with a range of Middle Eastern refugees, and sets their stories of suffering in a broad political context. This is a groundbreaking and dramatic account of transformation with global consequences.

As other Western nations come to adopt similarly harsh measures, this account will serve as a prophetic evocation and analysis of the increasingly desperate plight of the refugee in a world of ever more tightly controlled borders.

6.30pm, Social Sciences Lecture Theatre. ALL ARE WELCOME. The nearest carpark is P3, P4, P5 via Hackett Drive, Hackett Entrance 1 or 2.

PERTH MEDIEVAL AND RENAISSANCE GROUP ANNUAL GENERAL MEETING
‘The Annual General Meeting will take place at 7pm in the Arts Ground Floor Common Room G14 followed at 7.30pm by a talk given by Karen Hall entitled ‘There and back again: film and literature’. As a Medievalist, Karen Hall has spent a significant amount of time in the Mediterranean, and has considerable knowledge of medieval and Renaissance literature. This talk will provide an engaging introduction to the literature of the Middle Ages. A/Prof Lawrence Abraham, Chair. Limited seating.

Wednesday 7 April

PROSH DAY
The UWA Student Guild’s annual PROSH charity is on again! Prosh is one of the (b)oldest and (g)noblest traditions of UWA students. Started in 1931, Prosh (short for Procession) is that special day in April when students dress up and hit the streets. They sell Prosh, the satiric paper written by UWA students (proceeds go to charity). There is then a procession of floats around the Perth CBD and the day is finished with the infamous Prosh Ball in the Guild Tavern.

BIOMEDICAL AND CHEMICAL SCIENCES LECTURE
‘Single molecule studies: biomolecules and high speed gene sequencing’, Dr Shankar Balasubramanian, Department of Chemistry, Cambridge University, UK. Observing molecules at the single molecule level (i.e. one at a time) has considerable potential to reveal properties that are normally hidden in classical studies on an ensemble of molecules. The lecture introduces single molecule fluorescence approaches and their use in studies on the structure and dynamics of biologically important DNA and RNA systems. The second half of the lecture focuses on a radical single molecule technology for ultra-fast DNA sequencing being developed in Cambridge, aimed at sequencing a human genome a day. 12 noon, Simmonds Lecture Theatre.

Thursday 8 April

FREE LUNCHTIME CONCERT
Kate Newell on the oboe and Emily Green-Armytage on the piano. Works by Britten and Poulenc. 1.10pm, Octagon Theatre.

Friday 16 April

LAWRENCE WILSON ART GALLERY TALK
‘Primates and art’, Dr Ian McLean, UWA. Art from earliest times has pictured the ambiguous differences/similarities between humans and other animals. This talk will discuss the representation of such ambiguity in art, especially in relation to the depiction of primates, and the philosophical issues it addresses. This talk is part of a series in relation to the exhibition ‘Lisa Roet: Pri-mates’ on display at Lawrence Wilson Art Gallery until 20 April. 1pm, LWAG.

ASIAN STUDIES SEMINAR
‘Tudai, TV and hybrid women: Haruka Yoko and Japanese feminisms’, Laura Dales. 1pm, G.25 Seminar Room, Ground Floor, Social Sciences Building.

CLIMA SEMINAR
‘Cladistic and phenetic analyses of relationships in Iranian species of Medicago using molecular and non-molecular data’, Kioumars Ghamkhar, UWA; ‘A molecular genetic map for narrow-leaf lupin’, Dr Matthew Nelson, UWA, 4pm, CLIMA Seminar Room.

MICROBIOLOGY SEMINAR
‘Role of the family cytokine in liver development’, A/Prof Lawrence Abraham, Biochemistry and Molecular Biology. 9am, Microbiology Seminar Room 1.1.

ADVANCE NOTICE
Wednesday 21 April

PSYCHOLOGY SEMINAR
‘Binocular vision for 3D motion perception’, Julie Harris, University of Newcastle-upon-Tyne. 4pm, Psychology North Block Rm 2.33.

THE RODNEY PRIMER TRAVEL AWARD LECTURE
Graeme Miles, a doctoral student, 2004 Teaching Intern in Classics and Ancient History, and last year’s winner of this award, will give a lecture on his travel, his experiences and the personal and academic benefits he has derived from this opportunity. 6.30pm, Fox Lecture Theatre.
UniPrint is UWA's in-house printshop. We provide a friendly and efficient print, copy and design service to all areas within the University.

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Raine Visiting Professorships

FIRST ROUND
Closing Date: Monday 24 May 2004

Nominations are invited for Raine Visiting Professorships in 2004 with a closing date of Monday 24 May 2004.

All Schools (including Centres) in the University may now nominate for Raine Visiting Professorship Awards. These awards facilitate the visits of distinguished scholars to the University for the purpose of advancing medical research. Two categories of Visiting Professorship are offered:

- long-term visits fully funded by the Raine Foundation (Category 1 Professorships); and
- short-term visits funded on a shared basis with the host School (Category 2 Professorships).

Nominations are invited each year normally in February and July and up to three awards may be offered in each round.

A copy of the Conditions and Nomination Form are available from the Raine administrative office or the web site as detailed below.

http://www.raine.uwa.edu.au/visit/

Raine Medical Research Foundation
Suite 24, Hollywood Specialist Centre, 95 Monash Avenue, Nedlands, WA 6009
Telephone: 9386 9880 Fax: 9386 9522
Email: raine@raine.uwa.edu.au

Applications close on Monday 3 May 2004

Applications must be received at the above office no later than 5pm on Monday 3 May 2004.

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Guidelines and Application Forms are available from:

The Raine Medical Research Foundation
Suite 24, Hollywood Specialist Centre, 95 Monash Avenue, Nedlands, WA 6009
(UWA MBDP: M651)
Telephone: 9386 9880 Fax: 9386 9522
Email: raine@raine.uwa.edu.au or
the Internet at:
www.raine.uwa.edu.au/grants

Applications close on Monday 3 May 2004

Applications must be received at the above office no later than 5pm on Monday 3 May 2004.

2005
Raine Priming Grants

Applications close
Monday 3 May 2004

The Raine Research Committee wishes to provide Priming Grants for medical research scientists at an early stage in their career, particularly for those who are progressing towards an independent research career to assist them to become more competitive for national and international peer-review grants.

(Priming Grant Guidelines)

Applications are invited for Raine Priming Grants in 2005, in accordance with the Guidelines governing these awards.

The Grants provide funding for research into any area of medical science that investigates the nature, origin and cause of human disease, and the prevention, cure, alleviation and combating of such disease.

The Grants are offered for a two-year period subject to annual review, and may be used to provide funding, or part funding, for salaries of researchers and/or technical staff, minor equipment, and consumables. The research is to be carried out at, or in association with, The University of Western Australia.

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www.raine.uwa.edu.au/grants

Applications close on Monday 3 May 2004

Applications must be received at the above office no later than 5pm on Monday 3 May 2004.
WANTED TO RENT
ACCOMMODATION WANTED IN PERTH/FREMANTLE
during October–December 2004. We are an academic couple who plan to visit UWA for 5–6 weeks in the period from mid-October to mid-December, and are looking for somewhere to rent for that period, preferably with air-con. We have a good track record of looking after properties and references are available from colleagues at UWA. We can look after pets and plants. Enquiries about house/car exchange are also welcome — we have a centrally located period house in Oxford, UK which is convenient for the city centre and university. For further information please contact Professor Dorothy Bishop: dorothey.bishop@psy.ox.ac.uk.

FOR RENT
DAGLISH, 3-bedroom duplex, fully furnished and equipped including reverse cycle air-con. You only need your clothes. Recently refurbished, courtyards front and back, quiet street in pleasant suburb 5km from UWA and handy to public transport. Available mid-August 2004 to end January 2005. Ideal for visiting academics. $300/week. For non-smoking tenants only. Contact Andrew Rate on 6488 2500, andrew.rate@uwa.edu.au.

ISEDLANDS, large house, ideal for visiting academic’s family. 3 bedrooms, 2 studies, 2 baths, small yard, less than 5 minutes bike ride/10 minutes walk from the northern edge of UWA campus. Short walk to Hampden St shops and bus stops, and 2 minutes to King’s Park (bushland and recreation). Fully furnished with kitchen fittings and utensils, linen, heating, etc. Owner will be away in Singapore from early July 2004 to early July 2005, so looking for a one-year tenant, if possible. Asking $400 per week; bills for electricity, gas, water, telephone will be tenant’s responsibility. Email: acciaiol@cyllene.uwa.edu.au: ph: 9368 7183.

TWO TO THREE BEDROOM HOME, large peaceful rear deck, pool, quiet cul-de-sac location, near public and private schools, backing on to Robin Reserve (bird sanctuary), Sorrento. Five minute walk to beach and close to cafes and Hillarys Marina. 25 minute coastal drive to UWA. Available for rent from June/July 2004 for short term (4–6 months) or 12 months. May be available for rent from June 2004 to end January 2005. Ideal for visiting academics. $300/week. For non-smoking tenants only. Contact Andrew Rate on 6488 2500, andrew.rate@uwa.edu.au.

ALBANY HOLIDAY, fully equipped granny flat. 5 mins walk to town. Lovely view and very peaceful. 1 double bedroom, sofa bed in living room. $70 per night or $200 p/w. Call 0407 500 126.

FOR SALE
HAND CRAFTED, SOLID POLISHED JARRAH DESK with decorative black butt inlay. Made in Melbourne. Desks can be delivered if needed. Heading overseas regretfully — we have a centrally located period house in Oxford, UK which is convenient for the city centre and university. For further information please contact Professor Dorothy Bishop: dorothey.bishop@psy.ox.ac.uk.

FOR RENT
THE UNIVERSITY WELCOMES THE FOLLOWING NEW STAFF, WHO JOINED UWA OVER THE SUMMER:

Pandy Du Preez, Admin. Assistant, Plant Biology
Kareen Dunlop, Technical and Course Co-ord. Manager, Anatomy and Human Biology
Sandy Forrest, Consultant (Systems), Human Resources
Marisa Gibbs, Graduate Research Assistant, Pathology
Dr Ross Graham, Raine Senior Research Officer, Medicine and Pharmacology
Emma Grant, Admin. Assistant (Marketing), Vice-Chancellor
Charles Cunningham, Fractional Lecturer, GSM
Sonja Gustin, Research Officer, Surgery and Pathology
Amanda Hall, Senior Admin. Officer, Oil and Gas Engineering
Penelope Harding, Graduate Research Assistant, Pathology
Mark Henderson, Senior Technician, Electrical, Electronic and Computer Engineering
Rodney Hendricks, Information Systems Admin., Oil and Gas Engineering
Dr Karen Holmes, Research Associate, Plant Biology
Dr Han Huang, Senior Research Fellow, Electrical, Electronic and Computer Engineering
Frank Hurley, Fractional Lecturer, GSM
Pauline Jackson, Admin. Officer, Primary, Aboriginal and Rural Health Care
Tina Kao, Lecturer, Economics and Commerce
Dr Adrian Kasing, Principal Research Fellow, Electrical, Electronic and Computer Engineering
Dr Cheryl Kickett-Tucker, Re-entry Postdoc. Fellowship, Medicine and Pharmacology
Hayley King, Lead Analyst/Programmer, Registrar’s Office
David Klemnitz, Research Fellow, Computer Science and Software Engineering
Linda Lau, Admin. Secretary, Surgery and Pathology
Joseph Laundry, Research Assistant, Anatomy and Human Biology
Michelle Lewis, Graduate Research Assistant, Women’s and Infants’ Health
Chinwei Loo, Accounting Officer, Financial Services
Marion Lowry, Dental Clinic Assistant, OHChWA
Dr Mohamed Makha, Aust. Postdoc. Fellowship, Biomedical and Chemical Sciences
Dr Kenneth Mann, Fractional Lecturer, GSM
Vanessa Markham, Health Promotion Officer, Student Services
Dr Andrew Martin, Senior Lecturer, Paediatrics and Child Health
Dr Renuka Martin, Research Associate, Surgery and Pathology
Dr Thomas Martin, Senior Lecturer, Biomedical and Chemical Sciences
Anne McKenzie, Consumer Research Liaison Officer, Population Health
Dr Brendan McQuillan, Senior Lecturer, Medicine and Pharmacology
Peter Mills, Research Associate (NHMRC), Human Movement and Exercise Science
Dr Brett Montgomery, Registrar (Academic), Primary, Aboriginal and Rural Health Care
Judith Moyle, Purchasing Officer, Biomedical and Chemical Sciences
Lisa Nimmo, Research Associate, Psychology

Timothy Ogilvie, Apprentice Cabinetmaker, OFM Workshop
Brett Pearce, Accounts Officer, Biomedical and Chemical Sciences
Samantha Poke, Health Promotion Officer, Psychiatry and Clinical Neurosciences
Kelly Rattigan, Lecturer, Architecture, Landscape and Visual Arts
Dr Srilata Ravi, Lecturer, Humanities
Dr Daniel Real Ferreiro, Senior Research Fellow, Plant-based Management of Dryland Salinity
Helen Reddy, Dental Clinic Assistant, OHChWA
Peta Robson, Accountant (Faculty Support), Financial Services
David Rogers, Senior Employee Relations Officer, Human Resources
Dr Stephen Routley, Senior Lecturer, Dentistry
Sally Salmon, Postdoc. Research Associate, Water Research
Declan Scott, Associate Lecturer, Economics and Commerce
Belinda Seymour, Admin. Assistant, Surgery and Pathology
Dr Sanjeev Sharma, Senior Lecturer, Restorative, Dentistry
Professor Richard Sloan, Visiting Appointment, Economics and Commerce
Dr Christopher Smith, Research Associate, Biomedical and Chemical Sciences
Therese Smyth, Admin. Assistant, Primary, Aboriginal and Rural Health Care
Dr Victor Soucik, Lecturer, Economics and Commerce
Dr Karl Stoffel, Senior Lecturer, Surgery and Pathology
Antony Street, Computer Support Officer, Library
Dr Meera Thalayasingam, Associate Lecturer, Paediatrics and Child Health
Neil Ustundag, Curatorial Assistant, Berndt Museum of Anthropology
Gerard Van Der Akker, Analyst/Programmer, Student Services
Margaret Van Putten, Staff Training and Development Officer, Library
Helena Viola, Graduate Research Assistant, Biomedical and Chemical Sciences
Fabienne Vonarburg, Programme Co-ord. (Special Project), Life and Physical Sciences
James Wakelang, Apprentice Fitter and Machinist, Physics
Patrick Whelan, Project Co-ordinator, OFM Workshop
Maya Whiteley, Research Engineer, Water Research
Tania Wiley, Project Officer, Primary, Aboriginal and Rural Health Care
Dr Amanda Wilson, Associate Lecturer, Social and Cultural Studies
James Wise, Research Officer, Plant Biology
Janine Wood, Digital Copy Officer, Administrative Services
Penelope Wood, Dental Technician, OHChWA
Dr Min Zhang, Postdoctoral Research Fellow, Population Health
Dr Yufeng Zheng, Research Fellow, Mechanical Engineering
Jon Zygadlo, Training Officer, Anatomy and Human Biology

MORE NEW STAFF, WHO HAVE JOINED THE UNIVERSITY SINCE FEBRUARY, WILL BE PUBLISHED IN THE NEXT ISSUE OF UWA NEWS.