A legacy of life

A memorial garden celebrates the journey

An international love affair, the generosity of hundreds of West Australians and the determination of a long line of UWA staff has culminated in a beautiful memorial garden at the School of Anatomy and Human Biology.

The garden pays tribute to the people who have donated their bodies to scientific research, specifically medical research and teaching at UWA, and their families.

The sculpture and garden was financed by the generous donation of an Australian/Indonesian family, who were patients of Adjunct Professor Richard Vaughan, Director of CTEC, the surgical training centre. They made a donation to CTEC and were happy for some remaining funds to be put towards a memorial garden.

Professor Vaughan said that Mrs Jean Tahija was a young dentist in Melbourne when she met and fell in love with Julius Tahija, an Indonesian soldier, during the second world war. They married and went to live in Indonesia where Julius, the war hero, became a highly respected statesman and advisor to the President, and they did extremely well in business. Julius died last year and Jean the year before.

"Cindy Tahija, their granddaughter, is now studying at UWA," Professor Vaughan said. "The family hopes that their funding of the memorial garden will encourage Indonesian and Australian relations, like their family’s."

For many years, Heads of the former Department of Anatomy and Human Biology, including Professor John McGeachie, Professor Linc Schmitt, Associate Professor Neville Bruce and the current Head of School, Associate Professor Brendan Waddell, have worked hard to achieve a permanent and appropriate memorial to people who have donated their bodies.

The University now has a memorial service every three years to thank the families of these donors.

Associate Professor Paul McMenamin, said that, without these donations and bequests, there would not be a school of anatomy and that CTEC would not be able to train surgeons. He is delighted that the memorial garden will be a continuous sign of the University’s gratitude. Professor Waddell said the University used between 20 and 30 cadavers each year.

Landscape designer Tony Wagstaff from the Office of Facilities

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Suddenly it is summer. The jacarandas blaze on campus. Examinations and marking dominate our lives. The medical Dedication Ceremony for our new doctors takes place in the Octagon. The Academic Board has its final meeting and annual dinner. The UWA Perth International Arts Festival launches its 2004 season in the Concert Hall. The Senate confirms the University budget strategy for the year ahead. And we reflect back on the year that was: with some pride of achievement I hope, for a good year of real progress in reaching goals of ambition for UWA and for each one of us. May a relaxing sense of ‘summer daze’ be your reward!

Yet, in this changing world of ours, nothing is quite complete, elements of the unfinished, the uncertain and unresolved carry over from one calendar year to another. I seem to be particularly conscious of three such issues which nag at me even on a glorious summer’s day on our truly glorious campus.

A primary matter is the unfinished business associated with the Crossroads Review process of higher education on which the future of all our universities now hang. Will the package — appropriately amended by Government and Federal Senate, incorporating the key AVCC recommendation — get through Parliament in time for 2004? Or will it drag out into 2004, an election year when the reforms (including new funding, new places and new policy framework) will be lost in the national issues? Or even be voted down in the Senate because Government will not be flexible enough in amendments and further funding – leaving the universities in a wilderness of falling resources and failing policies? Not only does this mean uncertainty for us in projecting our future — in budgets and student loads for example — but it puts a question over how we are to achieve the goals and future for UWA which we believe is vital for our State region.

Next, there is the matter of State policies and vision. Western Australia is a growth State at the moment with the resources revival, even boom. But diversifying our economy, developing the new knowledge industries that will offer employment to our graduates and align our community with global developments is a great challenge yet to be fully embraced and achieved. The universities look to the State for major investment in science, major knowledge infrastructure and support in winning collaborative federal grants. There is, moreover, huge opportunity in educational ‘exports’. The universities are doing brilliantly in their own rights: but an integrated approach – involving all levels of education and training, and strongly supported by Government – is needed to match the exceptional progress made by notable eastern states (especially Queensland and Victoria).

Finally, there is the deeply conflicted state of our world. We have been in 2003 more profoundly concerned about peace and the security of peoples, than we ever were at this time last year. Terrorism, security, refugees, cultural wars — all these things divide humankind. Universities are not immune to these deep problems of our world; and the challenges to inter-nationalisation, as a key feature of a UWA educational experience, becomes that much harder.

Fortunately, there is a powerful sense in which universities are immensely creative forces in shaping a positive future for our society — whether it is here in WA, wider Australia or the region. No matter what happens in Canberra over the Nelson reform package, the universities (through the AVCC) have now securely established their place as major national players in future public policy for public good education. Within the State, that capacity to lead and influence will surely have its significant effect in seeing the development of a more knowledge-based economy — alongside the great resources capacity and its service industries. And ultimately, universities are in themselves human acts of hope — in building cross-cultural understandings and the kind of internationalisation, by contact between peoples and their aspirations, which works for peace.

It has been an enormous privilege to serve all of you as your Vice-Chancellor over the past six years. My contract concludes and I return to my international scholarship, profoundly believing in the power of knowledge, and also in the capacity of UWA to play its key role, as an institution of excellence and humane heart. A place worthy of our commitment to academic values and community service.

Warmest Festive wishes from Paddy and me … and ‘thanks for the memories’.
Taking scientific research to the edge

macro results from nano technology

The exciting new nanoSIMS facility in the Centre for Microscopy and Microanalysis (CMM) will enable scientists from far-reaching disciplines to access new and unique data.

The nanoSIMS 50 ion microprobe, the first in the southern hemisphere and only the tenth in the world, is the first new component of the NANO major national research facility (MNRF), a UWA core partnership with the Universities of Melbourne, Sydney, Queensland and New South Wales.

The nanoSIMS reveals elemental and isotopic surface composition with extreme sensitivity. The technique is based upon the sputtering of a few atomic layers from the surface of a sample induced by a primary ion bombardment. During the ejection process, some atoms and clusters are spontaneously ionized. These secondary ions are separated according to their mass/charge ratios, and an image containing quantitative information is formed for a selected mass. Images are formed from depths of only a few nanometres, with a spatial resolution down to 25 nanometres.

The versatile facility will play an important role in improving treatment regimes for neurotrauma, increasing agricultural productivity by tracking nutrition paths, characterising new macro results from nano technology

Taking scientific research to the edge

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A VC through changing times

Looking back over the past six years of the stewardship of The University of Western Australia by Professor Deryck Schreuder as Vice-Chancellor one comes to recognise just how much the world of the higher education sector has changed in that time.

Deryck joined us in February 1998 following a period as Vice-Chancellor of The University of Western Sydney and Deputy Vice-Chancellor of Macquarie University. His credentials, BA(Hons 1st Class) from Rhodes University and DPhil from the University of Oxford, where he was a Rhodes Scholar, were impressive to the community.

Staff will recall that his appointment followed a turbulent period in the sector with the Federal Government, under Minister Vanstone, seeking to impose tighter financial strictures and arrangements on universities and setting up major reviews of aspects of university operations. Little did we realise that the Government’s charge for reform had only begun. New Minister Kemp sought to go further with his reforms but his initiatives collapsed after being prematurely leaked. Now Minister Nelson is on the brink of implementing the most radical shake-up of the sector in two decades.

During Deryck’s tenure at UWA, significant initiatives have been undertaken. There has been a strong focus on internationalisation and income diversification. The development of two Operational Priorities Plans, an Academic Profile and a restructure of the academic areas of the University has also occurred along with the establishment of the Office of Industry and Innovation and the Institute for Advanced Studies. A major contribution has been Deryck’s efforts to raise the profile of the University within Western Australia, within Australia and internationally. This has involved his major role in the Association of Commonwealth Universities.

In 2001, Professor Schreuder was elected President of the Australian Vice-Chancellors’ Committee and during 2002 and 2003, and in the that position he has played a key role in the Nelson Review of Australian Universities and the development of the bills currently before Federal Parliament.

For Deryck his term at UWA began with the future of the sector and national issues dominating the agenda and at its conclusion he is still at the heart of the ongoing debate about the future of higher education into the 21st Century. We wish him well.

Professor Alan Robson
Deputy Vice-Chancellor
Management, and the University’s consultant landscape architect, Bill James, worked together on the design and construction of the garden and are also very pleased with the result.

“We wanted a softness in the area, which began with the curved limestone wall,” Mr Wagstaff said. “The curved seats respond to the wall, and the metal in the seats (wrought iron) respond to the bronze in the sculpture. The plants, when fully grown, will mask the cars in the carpark between the garden and the river, while still allowing a view of the water.”

The focus of the garden is a stunning but subtle bronze sculpture by the School’s resident artist, Hans Arkeveld. Celestian is a winged embryo perched on a wheel, symbolising the cycle of life.

“I love the embry-onic form,” said Hans. “I’ve drawn it many times and for me it symbolises the pure state of being. There are no opposing forces for an unborn child, no hot and cold, good and bad, up and down.

“It is an ego-free state which we are all trying to achieve from the moment we emerge from the womb. The journey of life is a quest for the equilibrium and purity which we experienced pre-birth, and which we finally attain when we die,” he said.

ABOVE: Head of School, Associate Professor Brendan Waddell relaxes in the Memorial Garden

Taking scientific research to the edge

materials and electronic devices to the nanometre scale, and aiding the mineral and petroleum exploration industries.

The SIMS method can also be used, in biomedical research, to track the passage of drugs in blood and tissue, in agriculture, to determine exactly where fertilisers go, and in the mineral industry, to date minerals at a much finer level than ever possible before.

CMM Director and NANO associate director, Associate Professor Brendan Griffin, said the local budget was $6 million. “Much of our success is attributed to State government support. We have received more than a million dollars from the Centres of Excellence in Science and Innovation funding,” he said. The MNRF is primarily funded by the Federal Government, with additional contributions from the other partner universities, including UWA, and State Governments.

“It allows us to do new cutting edge research, looking at sub-cellular levels with the high resolution scanning ion microprobe, whether we are working with biomedical material or mineral samples,” he said.

Professor Griffin said the appointment of international SIMS analysis specialist Dr Richard Stern was a measure of the attractiveness of the facility and the research that it enabled.

“Richard has come from Canada to manage the facility for us. He is one of three new young academics attracted by the facility this year and employed through joint appointments with other schools. The others are Dr Peta Clode and Dr Martha Ludwig.”

He said the CMM had worked closely with ALCOA World Alumina’s Technology Delivery Group. “Dr Gerald Roach, our ALCOA contact, has been awarded the company’s prestigious, international Chairman’s Award in 2003, for sustainable and excellent contribution to the company. Gerald noted his work with CMM and the nanoSIMS facility had played a major part in his becoming the first award winner from Australia in 30 years.

“It’s that level of excellence that we, as a scientific community, seek to achieve with this facility,” he said.

“The technology also has strong applications for new materials and micro electronics,” Professor Griffin said.

The other nanoSIMS facilities in the world are at Oxford, Harvard, University of California at Berkley, the NASA space centre at Washington University, one in private industry in the US, two in Japan and three in Europe.

“So you can see, they’re in good company!” Professor Griffin said. The CMM is now an internationally recognised research infrastructure facility and is underpinning many of UWA’s major research bids.
AFTER three years of commuting from Adelaide to Canberra, Professor Doug McEachern was ready to shed the role of public servant and get back to a university.

“I was delighted to come to a research-intensive university with heaps of potential — and it wasn’t bad to be back living on the coast again,” said UWA’s new Pro Vice-Chancellor (Research and Innovation).

Professor McEachern was Executive Director of Social, Behavioural and Economic Sciences at the Australian Research Council (ARC) for the past three years.

In addition to looking after the Social Sciences, he managed the Discovery grants program (the biggest single ARC scheme) and Federation Fellowships, the Council’s most prestigious program.

He was a part of the team whose work at the ARC set the framework from within which Australian universities seek competitive grant funding and pursue their research and innovation strategies. It built on an academic career which began at The University of Adelaide, then a PhD from the University of Leeds. Professor McEachern was Professor of Politics at The University of Adelaide, and a Senior Visiting Fellow at several institutions including the Research School of Social Sciences at the Australian National University.

He was Deputy Vice-Chancellor of the University of Adelaide for three years, before moving to the ARC.

Professor McEachern obviously thrives in academia and has managed to keep up his research projects, publishing a book and several papers while DVC at Adelaide.

“I was very keen to get back into a university and I hope to keep up some of my research interests but, being realistic about time commitments, I think collaboration is the way to go,” he said.

The Vice-Chancellor, Professor Deryck Schreuder, said that Professor McEachern would play a very significant role in setting the future direction of the University.

“We are confident that the insights Professor McEachern has gained at the ARC will be used to advance UWA’s strategies for research and innovation,” he said.

“His skills and experience will enhance our University’s high standing in the research environment in Australia and overseas.”

Professor McEachern said that the University was a major research university with a comprehensive structure of disciplines and a wide variety of different research styles, ranging from individual scholars working on major projects to large multi-disciplinary teams.

The challenges were how to preserve and enhance the best characteristics of traditional approaches to research while fostering greater scale and focus in particular areas to ensure international excellence. He looks forward to working with the UWA research community to achieve this goal.
Two research projects from Exercise Physiologist Dr Danny Green’s group have captured the attention of the medical fraternity and the media.

Exercise
at the heart of this research

Novel results save young lives

A young PhD student and her supervisor are being feted around the world after their recent presentation at the American Heart Association conference in Orlando, Florida.

Dr Danny Green, an exercise physiologist and senior lecturer in the School of Human Movement and Exercise Science, and one of his graduate students, Katie Watts, have been quoted in newspapers around the world since revealing their findings on obesity, heart disease and exercise in children.

“The American Heart Association conference is the world’s biggest cardiovascular medical conference, with about 35,000 delegates,” explained Dr Green.

“Katie’s abstract was one of 13,000 submitted for consideration for the conference this year and one of only ten percent accepted. Our research was then chosen, as one of only four abstracts, to be presented at a media conference,” he said.

“I knew the research was excellent and that our findings were novel, but the response has just been fantastic!”

Katie and Dr Green, along with their collaborators Drs Tim Jones and Liz Davis from Princess Margaret Hospital and Dr Gerry O’Driscoll from Royal Perth Hospital, looked at obese children and adults and found that in children as young as nine, obesity impaired their blood vessel function.

“That’s the first sign of cardiovascular disease,” said Katie. “We wanted to see what effect exercise would have on these kids and the results were astounding.

“We put 35 children and adolescents through an eight-week exercise program, without altering their diet, and even in that short time, found that the impairment to the blood vessel function was reversed. In the adolescents, it returned to normal, and in the younger children, it vastly improved.”

Although exercise and a change of diet is always recommended for obesity, this is the first study in children to directly link obesity with blood vessel problems which may increase future heart disease risk and, more importantly, the first to demonstrate that exercise could so effectively reverse the problem.

“They didn’t lose weight on the program, although they did lose quite a lot of fat and gained muscle, but their vascular function certainly improved,” Dr Green said. “It’s very difficult to reverse this sort of damage in adults where obesity and the risk of heart disease are well-established, but, if we can get it early, in children, it’s much easier.”

He said that not many laboratories around the world had the technology that they had, enabling researchers to measure blood vessel function. “We have worked on this technology for many years, along with a very talented medical physicist from Royal Perth Hospital, Chris Reed, who has created some world-leading medical software with us,” Dr Green said.

Katie said that, as well as the scientific results, she was extremely pleased with her research on a personal level. “One of the adolescent boys, who would never have taken his shirt off in front of other people, is now a surf lifesaver; another has joined the army; and some of the girls have joined a walking group,” she said. The study also showed that children need to continue exercising to keep the risk of heart disease at bay.
The down-side of being superfit

PhD student Louise Naylor had the muscle-bound rowers from the WA Institute of Sport baring their chests for her research.

What she found, by measuring their heart capacities, was both surprising and award-winning.

Louise, a Human Movement and Exercise Science student, supervised by Dr Danny Green, won two major awards for her work at the recent national Sport Medicine Australia conference in Canberra.

She received the Young Investigator Award, which won her a trip to the US to deliver a paper at the American College of Sport Medicine meeting next year. Louise also won Overall Best Conference Paper, another cash prize.

Dr Green, who won this same award just a couple of years ago, said it was very rare for a Young Investigator to win the overall prize as well.

Their work, performed in collaboration with Martin Fitzsimons from the WA Institute of Sport and Drs Gerry O’Driscoll and Leonard Arnolda from Royal Perth Hospital, involved looking at artery and heart structure and function and how they respond to exercise.

“Studying the diastolic (or relaxed) function of the hearts of these elite athletes, we found that the function was impaired at the end of their lay-off season,” Louise said.

“They had larger hearts, made bigger by their heavy exercise, but when they had a break from their routine training, the structural adaptation (the size of the heart) lasted longer than the functional adaptation.”

Dr Green said that this impairment in function was sometimes a sign, in people with heart disease, that something was wrong. But this was obviously not the case with the WAIS rowers. “We’re still not sure what it means in the long run for elite athletes. We don’t yet know if the functional change is abnormal.”

They plan to study previously hard-training athletes who have given up their sports permanently, to see if their heart function returns to normal and their heart structure reverts.

Louise said the heart cavities of the rowers were about 5.5cm in width, compared with 4.5cm in people not training heavily. Once they went back to training, after a lay-off, their heart function returned to normal even though their heart structure increased further.

As well as extending the study to include people who have given up sports, they plan to study athletes in different types of elite sports, including those doing resistance training, such as weight lifters, and aerobic training, such as runners.

“Diabetics sometimes have abnormal heart function, associated with their disease, so we are also going to see if exercise can improve their diastolic function,” Dr Green said.

“If so, it might decrease the risk of future cardiovascular disease, to which they are prone.”

Louise is in the first year of her PhD research and will report further findings to the American College of Sports Medicine meeting in Indianapolis, next June.

Another two students from Human Movement and Exercise Science also won major awards at the Sports Medicine Australia conference. Jodi Cochrane was awarded the ASICS Best Paper (Injury Prevention and Health Promotion) for her work on the effects of lower limb training programs on the muscular support of the knee and prevention of anterior cruciate ligament injury, in which she collaborated with Dr David Lloyd, Dr Thor Besier, Associate Professor Tim Ackland and Professor Bruce Elliott. This group has also recently won the Australian Football League excellence in research award for 2003. Jodi now works for the Australian Institute of Sport.

The other winner was Dr Hugh Pinnington, who won the best poster award, based on part of his PhD research on kinematic differences when running on a firm surface compared with soft dry sand, which he wrote with Dr David Lloyd, Dr Thor Besier and Associate Professor Brian Dawson.
A journey by design

When young Gus Ferguson graduated as an architect in 1956, he won a travelling scholarship and spent the next three years in Africa and Europe.

The experiences of those years crept into the Perth architect’s work over his extremely successful career and he has never forgotten how valuable that scholarship was.

Mr Ferguson, the University’s consultant architect, has now inspired new young graduates to follow in his footsteps by making a generous donation to the University. He has bestowed $50,000 for annual travel scholarships over five years for graduating architecture students, so they can start off their careers with a similar enriching experience.

The inaugural winner of the Gus Ferguson Travel Scholarship in Architecture is Martin Musiatowicz, who also recently won the inaugural State government’s Youth in Architecture award.

It wasn’t until they met for a chat after the presentation, that Mr Ferguson realised that Martin was born in Poland, the same country that produced Mr Ferguson’s first benefactor, the donor of the Morawetz prize.

“That’s rather neat, isn’t it? The money has found its way from one Pole back to another, through me!” he laughed.

Mr Ferguson said choosing a winner from the six finalists for the award was the most difficult challenge he had faced.

“They all deserved to win. It was heart-wrenching trying to separate them.”

He said he and the panel of judges had eventually decided on Martin because “he reminded me of myself in those days – over-ambitious, with such a wide field of interest, again just like me.”

Martin’s proposal for the scholarship was to use his scholarship to spend 18 months in Asia from next year.

Gus Ferguson, who has had a close association with the University for many years, has won prizes and awards for much of his work, including UWA’s Lawrence Wilson Art Gallery and Law School, Murdoch University campus buildings, and projects in Fremantle, on Rottnest and the Cocos Islands.

He prepared planning reviews of the Crawley campus in 1990 and 2000 and is currently involved in a structure plan for an expanded campus. The University awarded him the honorary degree of Doctor of Architecture in 2000 in recognition of a very significant contribution to the physical development of UWA.

He said he was delighted to be able to give something back to the University with his scholarship and he felt that Martin “was definitely going to do something great.”

Architecture — the future and the famous: Gus Ferguson Award winner Martin Musiatowicz and his benefactor Gus Ferguson share their passion

It is not simply hard work, dedication or perseverance that has won these students high acclaim. While there is no doubt that Stuart Munro and Felix Hudson share those attributes, the philosophy that links them is balance.

Both students, next year’s Rhodes Scholar, and the winner of a national accounting award, have cited maintaining a balance in their lives as their guiding force.

UWA has actively promoted strategies, over the past few years, to help both staff and students to achieve a work/life balance. The University recently won a national Human Resources award for best work/life balance strategy.

Accounting, art

You would expect an award-winning accountant to be a whiz at balancing numbers.

But Felix Hudson, named WA’s Global Achiever by the Institute of Chartered Accountants in Australia, goes further. His great skill is in balancing his life.

“I wasn’t sure what to do when I left school, so I kept my options open by studying commerce and arts,” he said. Felix has completed his arts degree with a double major in French and archaeology. He finishes his commerce degree at the end of first semester next year.

He took six months off last year to work on an archaeological dig in Cyprus, being run by The University of Sydney. So it comes as no surprise that he is interested in the creative side of accounting.

“I’m actually not really into balancing the books! I like the problem-solving aspect of accounting. It wasn’t until I got to university that I found out there was a creative side to working with figures.”
Stuart Munro had no idea, when he started selling popcorn at a local cinema while still a schoolboy, that this casual job could help him achieve his goal of working in the space industry.

“It was just a way to make some pocket money,” said the 2004 Rhodes Scholar, who will complete his double degree in science and engineering in the middle of next year.

“But I've stayed with Hoyts for six years and risen up the ranks to a managerial position, where I've learnt about managing and leading people and motivating them. This casual job has ended up teaching me more than I would ever have thought possible, skills that I'm sure I'll be able to use one day, hopefully at NASA!” Stuart said. “You get out of life what you put in to it.

“That's the key to life, keeping it as varied and balanced as possible. That way you always seem to find time for everything.”

He says that he has wanted to be an astronaut since he was five years old. But Stuart admits that, “while the plan stayed the same, the reasons have changed.

“The exciting thing about the space industry is that you never know what you will discover or achieve. For example, the microwave oven, which is now in just about every home and office in the Western world, came out of research for a space station!”

Stuart completed a double major in physics and mathematics last year and is now finishing his mechanical engineering degree. He goes to Oxford University later next year to start work on his PhD with a research group that collaborates with NASA and has previously worked on the aerodynamics of a Mars landing craft.

When he is not studying or working at Hoyts, Stuart plays water polo and hockey and keeps fit with regular running and swimming. “If I didn't fit in my sports, I probably would have found my studies at uni more stressful. It’s a relief to get into the pool or onto the field for a game of water polo or hockey at the end of a day of hitting the books,” he said.

He extends his fitness regime and his leadership skills to an annual rock climbing and abseiling camp, run for students at his former school, All Saints College, where he helps out every year as an instructor.

And, next year, thanks to the award, I'll get the chance to find out what the profession is really like out there, beyond the campus.”

Felix’s prize is two weeks paid work experience with Deloitte in San Francisco, where he will meet international chartered accountants and experience life as a business advisor.

The Global Achiever award seeks to identify the most outstanding and coming accounting talent in each state. “Obviously, the program works for employers, finding them the best people, but it also works for the students, and will give us an invaluable real life experience,” he said.

The program is open to second and third year accounting students and is highly coveted by them.

In his well-balanced way, Felix also excelled at football this year, winning the fairest and best award for his University team.

“Felix Hudson: football is part of his balancing act”
Water, as a resource, is important to all Australians, but for a group of Indigenous artists from the Kimberley, it is the source of their inspiration, their art and their culture as well as providing their living.

Balanyi Galaroo, a painting on a water theme, created by 10 artists from the Mangkaja Arts collective from Fitzroy Crossing, has been purchased by the University and will hang in the School for Water Research.

The artists made the painting over five days during a water symposium at UWA in July. The international inter-disciplinary symposium on water and its histories, cultures and ecologies featured local and international representatives of academia, industry, community and government.

Water plays its own part in history, politics, culture and the environment and all of these were brought together in a rich research atmosphere.

Jila Jumu Jiwari Wirruja, an exhibition of paintings about water by Mangkaja Arts, was held in conjunction with the symposium, at UWA’s Cullity Art Gallery. The exhibition included interpretations of water and food, water and work, rain-making rituals, life on stations and images drawn from the Fitzroy River and other water sources.

With support from a Pratt Foundation grant and in conjunction with the Mangkaja, the artists produced a series of works on water and travelled to Perth to contribute to the symposium. International visitors and local school children were invited by the artists to watch the creation of a collective work of art.

Anthropology senior lecturer Dr Sandy Toussaint has been working with Kimberley communities for many years. “The artists came from both desert and river groups, and they all painted their own cultural landscapes around the edges of the canvas,” Dr Toussaint explained. “In the middle is Balanyi Galaroo, the water snake.”

Dr Toussaint introduced the Deputy Vice-Chancellor, Professor Alan Robson, to the artists and a decision was made for the University to purchase the painting. “It is a tremendously symbolic gesture, the University buying the painting produced for the water symposium,” Dr Toussaint said.
A group project for first year fine arts students has resulted in Perth’s most stunning car — an icon for the School of Architecture, Landscape and Visual Arts.

Lecturer Paul Trinidad set out with his students to design and make retablos, traditional Mexican religious icons created by individuals to thank a patron saint for a special favour.

They can take any form, big or small, and Paul decided to get the group together to make a big one — with a car. “But they weren’t really interested, so they went back to making their own individual retablos and my family and friends helped me every weekend this semester to turn this Saab into a retablo (or reSaablo as one of the labels on it points out)!”

He bought the car specially for the project because he says Saabs are known as architects’ cars. “I can see this car being used for open days and expos and at any time and place where we want to promote our faculty,” he said.

It is covered with Mexican-style paintings, in oil, then coated with several coats of lacquer. The design includes two UWA logos and Paul says irreverently that the goddess on the bonnet represents the faculty’s Associate Dean, Dr Clarissa Ball.

The car — and the students’ retablos — will feature in an exhibition at the Fremantle Arts Centre from December 15. The reSaablo was part of a street parade in the Fremantle Festival.

Christmas in Australia is a season that transcends cultural differences, and is this year celebrated by the work of Nyoongar artist Sally Morgan.

Professor Morgan, from the School of Indigenous Studies, has designed a cheerful colourful range of Christmas cards and stamps for Australia Post.

“Ever since my designs were chosen by Australia Post, people have been asking me about the cultural implications of the cards and stamps,” Professor Morgan said. “I’m amazed that people want to turn Christmas into a political issue. I’m the first person to recognise and respect cultural and religious differences, but in Australia, Christmas is simply a time to wish each other well, regardless of race and ethnicity. “If there is an opportunity to express goodwill, I’m in there!”

Professor Morgan’s designs are bright and happy and designed to appeal to children, who she says should be the focus of Christmas. They were painted in acrylics on art paper and she says that Australia Post has worked hard to retain the bright colours in the printing process.

“It was a more difficult task than it looks,” she said. “When you know that your design is going to be reduced dramatically to fit onto a stamp, you have to leave out a lot of the detail that you would otherwise use.”

Her work was chosen from designs submitted, by invitation, to Australia Post by several artists. They are available now at all post offices.
Of course these books are available!

Almost everybody who has once been a student will remember experiencing some problem with getting hold of library books.

Either they were not there (stolen by an overzealous student), or the library was shut when you needed them, or they were defaced and unpleasant to use.

All that is changing at UWA. Course Materials Online is a new digital library initiative, to be launched at the start of the 2004 academic year. It will ensure that course reading material is available on-line 24 hours a day, seven days a week from any computer anywhere in the world.

As Brian Poleykett, project co-ordinator for the Digital Library Initiative, says, there will be no chance of an item being out on loan or missing, and no more torn pages and scribble in the margins.

“As with recommended hard copy reading materials, we undertake to locate, digitise and mount on-line materials submitted to us by lecturers, within two weeks of receiving their recommendations,” Brian said.

“But to get this project up and going successfully, we would appreciate it if academics could give us plenty of notice, especially for materials for first semester next year.

“We are in the process of digitising all the first semester materials from this year, in the hope that much of it will be the same as the materials for next year, so the bulk of it may already be done before the semester begins,” he said.

“We are investigating the best methods possible to create digital documents which are of the highest quality, while maintaining the smallest possible file size.

“Our goal is for documents to be as readable on-screen, as they are when printed, and to download in the shortest possible time over a standard modem,” Brian said.

The new system will be a boon to academics as well as students.

“So we’re asking the academic staff to help us as much as they can by sending their reading lists for next semester to their subject libraries as soon as they can,” he said.

More information about Course Materials Online is available on the CygNET website and an all-staff email will be circulated urging teachers to get their reading lists in early.

Outstanding contributor to engineering

EMERITUS PROFESSOR DEREK HUMPAGE who died last month began his professorial career in the School of Electrical and Electronic and Computer Engineering in 1974.

Described as an outstanding educator, Professor Humpage always believed that teachers should be a vital part of, and an active contributor to, the subjects in which they teach. Colleagues say he fulfilled that belief many times over.

His research matched his teaching prowess, with international publications receiving wide acclaim. His contribution to his field of electrical engineering was recognised by a Doctorate of Science in 1986.

Professor Humpage was Head of Department from 1975 to 1979 and still continued to publish widely. He was invited to run many specialist courses for industry and did so not only in WA but all over the world, from Venezuela to China.

In 1983, he was awarded the MA Sargent Medal for his outstanding contribution to electrical engineering. The medal is still the highest award of the Electrical College Board and Professor Humpage was the first West Australian to receive it.

His Western Power colleague, Eric Goddard, said, “If you see the stars shining a little brighter in the future, I am sure it will be Derek fixing up God’s power system!”
Wheat and weeds — the lifeblood and the enemy of farmers — will be put under the microscope by the inaugural winners of an agricultural travelling fellowship.

The Mike Carroll travelling fellowships have been awarded to two gifted young agricultural scientists who are pursuing their PhD in the School of Plant Biology.

The fellowship allows them to enrich their studies with overseas travel, and both winners have chosen to attend international conferences next year.

Ben Biddulph, who has already won several prizes for his undergraduate studies in agriculture, is investigating the problem of pre-harvest sprouting in wheat, a problem that is widespread in WA’s wheatbelt.

Growing up, then working on his family wheat and sheep farm in Ravensthorpe, Ben has experienced the problem first-hand. He is going to an international symposium on pre-harvest sprouting in cereals, in Norwich, UK, next year. He will also visit the University of Cambridge to collaborate with leading UK agricultural scientists.

Martin Vila-Aiub, who is doing his PhD with the WA Herbicide Resistance Initiative (WAHRI), has found that weeds which become resistant to herbicides are an international problem for farmers.

Martin is from Argentina, where he completed his undergraduate and masters degrees in plant biology. He chose UWA’s WAHRI group as the best place to continue his studies and won a UWA scholarship for international students.

He is using his $5,000 Mike Carroll fellowship to attend a symposium on weed science in South Africa next year, where he will present a paper.

His work is concerned with what happens in weeds which are resistant to a particular herbicide when that herbicide isn’t present, and how to get that energy working for, instead of against, the farmer.

Martin’s PhD is supervised by Professor Steve Powles and Dr Paul Neve from WAHRI. Ben’s supervisors are Associate Professor Julie Plummer, with Dr Tim Setter from the State Department of Agriculture, and Associate Professor Daryl Mares, from the University of Adelaide.

Emeritus Professor Bob Lindner said the Fellowship was established in recognition of Mike Carroll’s devotion to agriculture, and for his tireless and selfless efforts to improve the lot of farmers, the wider agricultural community and his scientific colleagues.

“Mike Carroll was a Director General of the WA Department of Agriculture. He was known throughout Australia for his leadership and wise counsel, and his integrity, honesty, and good humour in dealing with his colleagues. He was a Fellow of both the Australian Institute of Agricultural Science and Technology and the Academy of Technological Sciences and Engineering.

Major donors to the Fellowship were the Grains Research and Development Corporation and the Department of Agriculture of WA.

A poster on the effect of storms on mining platforms off WA has won an Italian student a prize in the US.

Micaela Pilotto, a Master of Engineering Science student with the School of Oil and Gas Engineering, recently won an international student poster competition at the Oceanic Engineering Society’s OCEANS 2003 International Conference in San Diego, California.

Of 124 students abstracts submitted, just 27 were chosen for presentation at the conference. Micaela’s poster was judged the best from an international field with entries from the US, UK, France, Italy, and Puerto Rico.

Micaela, pictured below at the presentation, is an international student, originally from Italy.
University staff are offered discounts on all Festival tickets this season. The discounts are equivalent to those available to Friends of the Festival.

To qualify for the discounts, staff need to book at the Octagon Theatre box office, which is open from Monday to Friday, noon to 4.15pm. Remember to quote the staff code SP04 to receive the discount.

With more than 200 performances in the Festival, it can be hard to decide what to see. The Festival office has put together a ‘journey’ with these easy, themed packages. They pick the shows, you pick the dates — and you get a real Festival experience with great value, and, as a UWA staff member, you can take the Journey at Friends prices.

**HIGH END PACK:**
12 Angry Men, Prague Chamber Orchestra at Araluen and Jazz Evening Concert all for $158

**CLASSIC PACK:**
Stabat Mater, After Mrs Rochester, Death & The Maiden and Black Grace all for $180

**GROOVY PACK:** Tense Dave, 100 and Crouching B Boy all for $93

**ADVENTURE PACK:** After Mrs Rochester, Black Grace and Lyle Lovett all for $140

**PARTY PACK:** The Cat Empire, Northern Stars Southern Sky and Late Night Live Comedy Gala all for $73

Prices quoted above for these Journey Packs are for A Reserve seats at Friends prices.

Staff will also be able to salary package their Festival tickets. For details, contact Maxine Gamble (m gamble@admin.uwa.edu.au) or Jenny Huband (jhuband@admin.uwa.edu.au)
school in Highgate, Di took up playing competitively and was the captain of the first women’s team at the WA Institute of Technology (now Curtin University).

“We were thrashed by everybody in our first season. Then, in our second season, we beat Melville (I still remember I scored 76) and it ranks up there with winning the Ashes!”

Di transferred to UWA cricket club, then Subiaco, but, after a few seasons, gave it up to concentrate on spectating.

“I gave up my job at Curtin Uni to move to the University of Sheffield as manager of the MBA program and then to the University of the West of England, Bristol. People thought it was a career move, but of course, it was so I could watch more cricket!”

She went to all six test matches of the 1993 Ashes series and five county games throughout the UK. A short trip to the West Indies in 1995 for the Barbados and Antigua tests was another highlight matched only by the friendliness of the locals. “I had a very understanding dean!” said Di, who was Faculty Administrator of Economics and Social Science.

She shares the highlights of her cricket spectating career with many Australians who were lucky enough to be at the Ashes Test at Old Trafford in 1993, when Shane Warne bowled what became known as the ‘ball of the century’.

“Having been out of Australia for a few years, I had never seen Shane bowl. This was his first ball in an Ashes test, so I didn’t know what to expect. The locals were jeering him and telling him he belonged on a beach and not a cricket pitch.

“Nobody would have expected what happened. Shane Warne was bowling to Mike Gatting and landed his first ball about 40cm outside the leg stump, from where it spun and took the off stump.”

There have been countless other exciting games, but Di says the camaraderie built up between the Aussie cricket fans who are lucky enough to follow the Australian team around the world has created for her a fantastic life style.

“I go to as many matches as I can and wherever I am in the world, as soon as I walk into a cricket ground, I’m greeted by my cricket friends. We never make plans — it’s an unwritten rule — we just say ‘see ya’ at the end of a match, and, invariably, we do!”

The most famous friend Di has made through international cricket is Aussie rock icon Paul Kelly.

“It was the day before Australia played India in the World Cup in South Africa this year and I was in the Apartheid Museum in Johannesburg when I literally bumped into Paul Kelly.

“We got chatting and I said that of course he was going to the cricket the next day. He said no, he didn’t have tickets and hadn’t thought about going. We parted, then I thought, no, this is too good an opportunity for anybody to miss, so I marched straight back and told him that I would get him tickets and pick him up the next day.

“Well, there wasn’t a ticket to be had, anywhere in the world! So I rang the team’s hotel and Brett Lee very kindly got me four tickets. Although I’ve met a lot of the players and commentators, Brett didn’t really know me. But there’s something so nice about people who play and watch cricket!”

Di is off to Melbourne and Sydney this summer to watch Australia play India. And she will be sure to take the time to catch up with her friend Paul Kelly.
Take a journey through the Festival

We are all on a journey, and The UWA Perth International Arts Festival is offered as an oasis to rest, recharge and replenish along the way. Here you will meet fellow travellers and gain inspiration from artists from all around the world. In 2004 more than 500 artists will journey from 22 countries and from all over Australia to be part of our Festival. Thousands of journeys will intersect, thousands of lives will be made richer.

Stories of great journeys have stirred people’s hearts and spirits for thousands of years. They resonate in our collective psyche, revealing profound, timeless truths. It’s impossible, for example, to read Homer’s *Odyssey* without thinking of contemporary border crossings and refugees for whom, as for Odysseus, the simple phrase “going home” implies a journey of unimaginably epic proportions.

The theme of Journey is woven through the 2004 Festival programme in a series of pathways, some very obvious, others more obscure, quirky or personal.

For me, WA’s extraordinary Kimberley region embodies many concepts of journey - spiritual, physical and metaphorical — and for this reason the Kimberley features as a central focus of the 2004 Festival. The magnificent Ngurrara Canvas, an 80 square metre artwork created by 50 inhabitants of the Great Sandy Desert as a key document in the 1997 Ngurrara Native title claim, will be a powerful symbol for the Kimberley throughout the Festival. It will hang above the audience’s heads at the Perth Concert Hall, a continuous reminder of the power of the Kimberley.

Our city, Perth, also has an incredible story to tell. In its 100 years, Australia’s most beautiful theatre, His Majesty’s, has celebrated many great moments of world theatre history, many of which still resonate in our consciousness today, and are now part of our city’s journey. The Maj is part of the Festival’s 50-year creative history and — having directed 10 operas there — it’s certainly part of mine, so it’s a pleasure to celebrate this wonderful building’s journey from 1904 throughout the Festival.

Each night the exterior will be transformed by projection artist Ian De Gruchy from its white Edwardian splendour into an explosion of fantastic, colourful illuminations, while inside, we present works of scale and splendour befitting the occasion, such as Richard Mills and Peter Goldsworthy’s powerful new opera *Batavia*.

All West Australians know well the doomed voyage of the Dutch merchant ship Batavia, whose epic journey to the End of the World challenged the very extremes of human endurance and morality.

For me, the greatest Journey story ever is that of Orpheus who, grief-stricken, journeys to the Underworld and back, discovering that Love is stronger than Death. Black Swan Theatre Company has taken up the challenge of this myth in *Live Acts On Stage*, arguably Australian playwright Michael Gow’s best and most profound play.

Festivals offer people precious opportunities to pause and contemplate the Big Picture. Last year audiences leapt at opportunities to talk with writers and thinkers about the challenges of the contemporary world. Responding to that need a new program called simply *Words and Ideas* is a place where words and ideas are used to explore the theme of Journey in many different ways – by journalists such as BBC veteran Kate Adie, activists such as Julian Burnside QC, artists such as Israeli filmmaker Etgar Keret, refugees, activists, playwrights, students, and in our Writers’ Week, many writers of wonderful books.

I believe that to value art in society is to show faith in humanity. For many of us in these turbulent times, art is more important than it has ever been. We will not, in our lifetime, complete the great journeys toward reconciliation, enlightenment or world peace. But while we travel, art reassures us that, no matter what the circumstances, beauty, connection and revelation are possible in human life.

We hope you will enjoy your journey through the 2004 Festival program. We are proud of our association with UWA, and in these turbulent times, to share the UWA tenet “Seek Wisdom”.

Lindy Hume
Director, UWA Perth International Arts Festival

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Tea and philanthropy

Medical research would be poorer the world over if it were not for generous donations from ordinary people.

On a national day of celebrating these donations and bequests, the Faculty of Medicine and Dentistry invited its donors and researchers to an afternoon tea, so the recipients could meet and thank the people responsible for funding their work.

Representatives of the Ohman family bequest, University stalwart Dorothy Ransom and her daughter Dr Jan Lord, talked to one of the fund’s recipients, Dr Lin Fritschi, from Population Health.

Dr Fritschi is looking at fish intake and how it relates to cancer. She was pleased to be able to explain her research to Siggie Ohman’s family. Mrs Ransom was the late Mr Ohman’s half-sister.

Mrs Ransom was delighted to hear about Dr Fritschi’s subject. “I have a son who is an oncologist and all our family love fishing, so this is a great connection, an excellent project for the family bequest,” she said.

Dr Bu Yeap and Dr Jane Allan talked to the family of benefactor Albert Johnston about their projects. Dr Yeap is studying growth factors signalling pathways in prostate and breast cancer cells.

The Johnston fund contributed to some new equipment used by Dr Allan and her colleagues in areas of infection, gastroenterology, diabetes, diseases of the elderly, wound healing and cancer.

The Dean of Medicine, Professor Lou Landau, the Associate Dean (research), Associate Professor George Yeoh, and the new Pro Vice-Chancellor (Research and Innovation), Professor Doug McEachern, all spoke about philanthropy, the University’s deep appreciation of bequests and donations and the work they enable the medical research fraternity to achieve.

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Raine Medical Research Foundation

Professor Mike Geeves
Professor of Physical Biochemistry, University of Kent, Canterbury, United Kingdom will present a Raine Lecture entitled:

Calcium Regulation of Muscle Contraction: Insights from Studies on Tropomyosin and Troponin Solution

on Wednesday 10 December 2003 at 1pm in The Simmons Lecture Theatre, Myers Street, UWA Crawley Campus. All welcome

Host: Lyn Ellis, Raine Medical Foundation, telephone: 9380 3329 email: lellis@raine.uwa.edu.au

Associate Professor Paul Atwood, Biochemistry and Molecular Biology, School of Biomedical and Chemical Sciences, telephone: 9386 9880, email: pastwood@cyllene.uwa.edu.au

Professor John Warner
Professor of Child Health, School of Medicine, University of Southampton, United Kingdom will present a Raine Lecture entitled:

The child is father of the man

on Monday 9 December 2003 at 5.30pm in The Mary Lockett Lecture Theatre, FJ Clark Lecture Theatre Complex The QEII Medical Centre

All welcome

Host: Lyn Ellis, Raine Medical Foundation, telephone: 9380 3329 email: lellis@raine.uwa.edu.au

Associate Professor Susan Prescott, School of Paediatrics and Child Health, telephone: 9340 8591 (Sec), email: susanp@ichr.uwa.edu.au

Welcome to these new staff, who joined the University in October:

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Dr John Collins, Primary, Aboriginal and Rural Health Care
Elaine Kite, Primary, Aboriginal and Rural Health Care
Dr Zhen-Wei Liu, Medicine and Pharmacology
Paul Marinko, Legal Services
Professor Doug McEachern, Vice-Chancellor
Melissa Milner, Anatomy and Human Biology
Stephen Pope, Physics
Damyon Wiese, Human Resources

Staff who join UWA in November, December and January will be listed in the first issue of UWAnews in 2004.

Summer songs

Singers from UWA will take part in a choral festival, as part of the Perth International Arts Festival, in February.

The Perth Intervarsity Choral Festival will bring together about 200 students from different universities for a fortnight of song, culminating in two concerts.

It is the 55th intervarsity choral festival to be held in Australia. Tickets are available from the Octagon Theatre booking office. Don’t forget to quote the UWA staff code (SP04) for your discount.

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Monday 1 December
CHEMISTRY SEMINAR
'The chemistry of dimethylcarbonate', Piero Tundo, Venezia. 12noon, Simmonds Lecture Theatre.

ASTHMA AND ALLERGY RESEARCH INSTITUTE’S 2003
‘Toll receptors’, Dr Andrew McWilliam, Microbiology. 12.30pm, Jaske Seminar Room, School of Medicine and Pharmacology SCGH Unit, 4th Floor, G Block, Sir Charles Gairdner Hospital.

Tuesday 2 December
INSTITUTE OF ADVANCED STUDIES
‘Science, society and sustainability’, Nobel Laureate Sir Harry Kroto. The lecture explores numerous aspects of science—what science is, how others perceive science and scientists and some of the problems that non-scientists have in understanding the Science, Engineering and Technology (SET) upon which our modern world is so completely and precariously balanced. This lecture is free and all are welcome. 6.30pm, Social Science Lecture Theatre.

Wednesday 3 December
CHEMISTRY SEMINAR

Friday 5 December
BIOCHEMISTRY AND MOLECULAR BIOLOGY
‘Myosin: molecular motor and strain sensor’, Professor Mike Geeves, University of Kent, UK. 1pm, Simmonds Lecture Theatre.

Wednesday 10 December
CHEMISTRY SEMINAR
‘The electrodepositing of gold for microelectronic and optoelectronic applications’, Todd Green, Newcastle-on-Tyne. 12noon, Simmonds Lecture Theatre.

RAINE VISITING PROFESSOR LECTURE
‘Calcium regulation of muscle contraction: insights from studies on Troponin and troponin solution’, Professor Mike Geeves, University of Kent, UK. 1pm, Simmonds Lecture Theatre.

Friday 12 December
CLIMA SEMINAR
‘Cell biology research in chickpea—progress at the Canadian Crop Development Centre’, Dr Monika Luhsdorf, CDC Canada. 4pm, CLIMA Seminar Room.

LAWRENCE WILSON ART GALLERY TALK
‘Printmaking: production, people and social discourse’, Gail Cameron, Central TAFE Art Gallery and Artist-in-Residence Program and exhibition curator. 1pm, LWAG.

Sunday 21 December
CONCERT
Christmas Oratorio by J. S. Bach. Christmas Oratorio is a masterful combination of musical storytelling and reflection. The UWA Choral Society and chamber orchestra will perform this classic in Winthrop Hall at 6.30pm. Tickets $28 and $25 (concession) from the Octagon Theatre (x2440) or at the door.

This is the final issue of UWAnews for 2003
We hope you’ve enjoyed reading it and keeping in touch with what’s happening at your University. Your news tips, story ideas, feedback and comments are always welcome … but not until February next year.

The deadline for the first issue next year will be Wednesday February 25, and it will be published on Monday March 8.

We will be continuing the back page column, The Last Word, the occasional column, Personal Passions. Don’t wait to be asked to contribute. If you have an idea, let’s hear it. You can email Lindy from February 9, on lindy.brophy@uwa.edu.au or call on 9380 2436.

Need temporary, contract or permanent staff?
Workskills Professionals are proud to be a wholly owned and operated WA Company and are preferred suppliers to State and Federal Government agencies. Supplying staff in the areas of:
• Administration/Clerical
• IT/Computing
• Professional/Technical
• Skilled/Unskilled Labour

We have been supplying candidates with previous tertiary (University) experience to UWA since 1993. We have developed a Star Education Performers list to capture these experienced people, enabling us to deliver a fast quality service.

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It’s time to organise your Christmas cards for 2003. At UniPrint we can show you a range of pre-printed cards or we can design cards that specifically suit your needs.

For more information contact Ray Horn on 9380 8790

Email: uniprintjobs@admin.uwa.edu.au    Website: www.uniprint.uwa.edu.au

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Display Advertisement Deadlines over Christmas

Since UWA will be closed for two weeks over Christmas, display advertisement deadlines for this period have been brought forward a couple of weeks. In order to avoid a last-minute rush, please take note of the following dates: If you wish your display advertisements to be published between 24 December and 6 January, kindly submit your advertising material to the Publications Unit (extension: 3029, email: Joanna.Thompson@uwa.edu.au)

NO LATER THAN Monday 15 December.

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Never been to Talking Heads?

Right now we are offering **NEW CLIENTS**

$10 off all hair colours when they have their hair cut plus 10% off all massages and facials. Valid until February 28th 2004.

Phone now for a booking: **9381 2638.**

*Talking Heads is located on the ground level of the Guild Courtyard.*
NIH VIA UNIVERSITY OF SYDNEY
A/Prof Kevin Croft and Dr Trevor Mori, Medicine and Pharmacology: “Oxidative damage and the risk of coronary heart disease”—$67,636.2 (2003-04).

ARC LINKAGE VIA CURTIN UNIVERSITY
Dr Samuel Leong and Prof John Malone, Music—“Misperceptions in mathematics and remediation investigation involving music”—$70,000 (2003-04).

CRC FOR PLANT BASED MANAGEMENT OF DRYLAND SALINITY
A/Prof Keith Smettem, Water Research: “Development and application of high resolution spatial diagnostic tools to aid in deployment”—$127,000 (2003-06).

IAN POTTER FOUNDATION

OFFICE OF MULTICULTURAL INTERESTS, WA
A/Prof Loretta Baldassar, Ms Raelene Wilding and Ms Farida Tilbury, Social and Cultural Studies: “Migrant contributions to Western Australia: an edited volume”—$30,000 (2003).

ASSOCIATION OF COMMONWEALTH UNIVERSITIES (ACU)

CRC FOR PLANT BASED MANAGEMENT OF DRYLAND SALINITY
A/Prof Keith Smettem, Water Research: “Development and application of high resolution spatial diagnostic tools to aid in deployment”—$127,000 (2003-06).

IAN POTTER FOUNDATION

WA HEALTH PROMOTION FOUNDATION
Ms Susan Byrne, Mr Neil Mclean, Dr E. Blair, Dr E Davis, Dr T. Jones, Mr S. Silburn and Prof S. Zubrick, UWA Centre for Child Health Research and Institute for Child Health Research: “Factors influencing the persistence of childhood obesity”—$50,000 (2004-06).

NATIONAL INSTITUTE OF HEALTH
Prof Peter Le Souef, Dr Sunalene Devadason, Prof Peter Sly and Dr Paul Watt, UWA Centre for Child Health Research, Paediatrics and Child Health and Faculty of Medicine and Dentistry Office: “Asthma medication delivery with a new paediatric incentive spacer”—$702,000 (2003-05).

Dr Helen Leonard, Dr Nicholas De Klerk and Dr Carol Bower, Paediatrics and Child Health and Population Health: “Rett Syndrome: determinants of outcome and burden”—$1,264,308 (2003-07).

VRI BIOMEDICAL LTD

THE UNIVERSITY OF WESTERN AUSTRALIA

Convocation, the UWA Graduates Association
Annual Elections

• ELECTION OF WARDEN AND DEPUTY WARDEN
• ELECTION OF THIRTEEN MEMBERS OF THE COUNCIL OF CONVOCATION, THE UWA GRADUATES ASSOCIATION

Application forms are now available for the above positions.

Mr Peter Clifton will complete his one-year term as Warden of Convocation, the UWA Graduates Association in March 2004.

Mr Matthew Zilko will complete his one-year term as Deputy Warden of Convocation, the UWA Graduates Association in March 2004.

Eight members of the Council of Convocation, the UWA Graduates Association will complete terms in March 2004, and there are five additional vacancies.

Nomination forms for all of these positions are now available from Convocation, the UWA Graduates Association. Please telephone Juanita Perez, the Convocation Officer on 9380 3006, or email on uwaga@admin.uwa.edu.au including your postal address.

Please consider nominating for one of these positions.

The closing date for nominations for all positions is 5 pm, Friday 23 January 2004.

Applications received after this date will be declared invalid.

The University was highly commended at the 2003 State Arts Sponsorship Scheme Awards.

The UWA Perth International Arts Festival nominated the University for its continued support over more than 50 years and its contribution to the community.
**FEMALE VOLUNTEERS NEEDED FOR STRENGTH/POWER TRAINING**

Female volunteers who have previously, or who are currently doing strength training, are needed to participate in a strength/power training study at the School of Human Movement and Exercise Science. The purpose of the study is to compare the effectiveness of two training programmes on the development of strength and power.

To be eligible to participate in this study, you must:
- be aged between 18–32 years
- be healthy and free of physical injuries
- have participated in strength training in the previous 6–12 months
- agree not to undergo any other form of strength/power training during the entire period of the study

**Volunteers will be asked to:**
- train 3 times per week (Tuesdays, Thursdays and Saturdays) for a total period of 12 weeks beginning March 2004, and train twice a week (Mondays and Thursdays) for the following 4 weeks. Each training session takes approximately one hour, at a time that can be arranged according to your schedule.
- attend training through the non-teaching study break beginning 12/04/04 until 18/04/04.

Each test session requires approximately 2 hours.

At the completion of the study, you will be given a Results Sheet summarising your test scores and if you wish, an individualised program so that you can continue to train. This study has been approved by the Human Rights Ethics Committee, UWA.

If you are interested, please contact Lian Yee, Kok at the School of Human Movement and Exercise Science on 0403 355 048 or 9380 1383, or email lian@cyllene.uwa.edu.au.

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**Raine research funds up**

The Raine Foundation has made the biggest allocation of funding for Priming Grant projects since 1996.

The successful candidates are:

- **Dr Jacqueline Phillips** $71,616
- **Dr Susanna Temple** $140,411
- **Dr Susan Byrne** $120,565
- **Dr Bu Yeap** $124,863
- **Dr Ross Graham** $161,713
- **Dr Jason White** $124,056
- **Professor David Ravine** $100,000
- **Professor Sergio Starkstein** $149,471
- **Raine/National Heart Foundation Postdoctoral Fellowship**
  - **Dr Andrew Currie** has won the Healy Postdoctoral Fellowship for 2004.
  - The Raine Foundation continues its support for undergraduate research in conjunction with the Faculty of Medicine and Dentistry with the inaugural MBBS/PhD Scholarships jointly funded by Raine and the Faculty. A Scholarship has been awarded each to Kelvin Balakrishnan and Nermina Vagaja.
**Classifieds**

**TO LET**

YOKINE unfurnished 2brm, 1x bath villa unit undercovert carport, ducted a/c, gas heating, paved courtyard. Walk to shops and bus. Available immediately. Ph Debra on 9380 1970 or email dklein@cyllene.uwa.edu.au.

CLAREMONT, recently renovated 1x brm studio apartment in small quiet complex. Floorboards, a/c, carport ... too many positives to list! Available fully furnished/equipped ($200pw) or unfurnished ($175pw). Ph Shane on 9388 8044.

CLAREMONT, fully furnished/equipped 2brm first-floor apartment (with elevator). Walk to Claremont centre, short drive to UWA, undercover car bay. Balcony overlooking parklands, golf course. Perfect for students and visiting academics. $175pw, min 6 mths (will consider shorter term). Avail. 9 Dec. Ph 9347 1184 or 0413 559 119.

**WANTED TO RENT**

VISITING PROFESSOR (LAW SCHOOL) seeks for Sem 1 2004, fully furnished/equipped 3 or 4 brm house, close to public transport and in easy reach of UWA. Ph Deborah Rhys-Jones on ext. 3792 or email tedatts@law.uwa.edu.au. HOUSESITTER AVAILABLE, mature-age student relocating from Albany seeks house sitting position from Jan 2004. Long term pref. Non-smokey, mature, responsible woman with good references, current police clearance. Ph Maggie 0427 448 247.

**SHAREMATE REQUIRED:** Beautiful 3xbrm, a/c home in safe quiet area, spacious corner block in Dianella. Ix room and study space avail now to share with 25yo F Postgrad and lovely cat. All mod-cons, near bus, walk to Morley Galleria. $90pw plus bond and share utility costs. Ph 9375 9935 or 0402 393 547. Email laurad@cylene.uwa.edu.au.

**FOR SALE**

BABY CAR SEAT Safe’n’Sound, excellent cond, suit newborn to 4 yrs, dk blue plush, 3 reclining positions. $100 ono. Ph Zoey on 9380 1475 (w), 9309 6834 (h), email zdummie@cylene.uwa.edu.au.

DINING SUITE, round, 4-seater, excellent cond. $200 ono. Ph Jenny Gillet on ext. 3324.

1995 PEUGEOT 306 XT, 5-d hatch, 5 spd man, a/c, pwr ste, central locking, sun roof, new tyres. Lovely car, great fun to drive. $10,500 ono. Ph Chris ext 1432 or email chrissav@cyllene.uwa.edu.au.

CAMRY, UWA visiting academic leaving before Christmas needs to sell Toyota Camry Exec. Sedan 1992 Auto, a/c, pwr st., grey metallic, very low kms (155 000), excellent cond. $4900 ono. Ph 9389 9099 or email mayoux@eftp.com.

WASHING MACHINE, top-ldg Hoover Elite 6kg. V. good cond. $150 ono. Ph Jenny Gillet on ext 3324.

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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>
</tr>
</thead>
<tbody>
<tr>
<td>70 X PCs, Celeron III 400-446mhz</td>
<td>$200–complete</td>
<td>4</td>
<td>2</td>
<td>Jeremy, 9346 4066</td>
</tr>
<tr>
<td>128MB RAM, 4GB H/D, NIC 10/100</td>
<td>$80–less CRT</td>
<td>--</td>
<td>--</td>
<td>Jeremy, 9346 4066</td>
</tr>
<tr>
<td>Win 98 O/S– PC only</td>
<td>$70</td>
<td>--</td>
<td>--</td>
<td>Jeremy, 9346 4066</td>
</tr>
<tr>
<td>Cash Register, TEC MA-71</td>
<td>$70</td>
<td>13</td>
<td>2</td>
<td>Tim, ext 2326</td>
</tr>
<tr>
<td>Comdek Pentium 2 CPU 128MB RAM</td>
<td>$5+</td>
<td>3</td>
<td></td>
<td>Scott, ext 2308</td>
</tr>
<tr>
<td>30 x Pentium II 350Mhz, 128MB RAM, 3.2GB hard disk, 15” multimedia monitor, CDROM, Network card, floppy drive or zip drive, OS redhat 9</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>Mark, ext 1405</td>
</tr>
<tr>
<td>Canon Scan Scanner FB310 (Parallel)</td>
<td>$7</td>
<td>3</td>
<td></td>
<td>General Practice</td>
</tr>
<tr>
<td>Edge PC 686-266/32MB Ram/3GB HDD, Keyboard, Mouse, 14” Monitor</td>
<td>$6</td>
<td>4</td>
<td>3</td>
<td>General Practice</td>
</tr>
<tr>
<td>Pentium150 Box/0 Ram/0 HDD (parts only)</td>
<td>$6</td>
<td>4</td>
<td>3</td>
<td>General Practice</td>
</tr>
<tr>
<td>Edsys PC P100/0 Ram/0 HDD (parts only)</td>
<td>$6</td>
<td>4</td>
<td>3</td>
<td>General Practice</td>
</tr>
<tr>
<td>Macintosh Power PC Powerbook 5300 (Mac Laptop)</td>
<td>$7</td>
<td>3</td>
<td>3</td>
<td>General Practice</td>
</tr>
<tr>
<td>Macintosh LC430, keyboard, mouse, 14” monitor</td>
<td>$8</td>
<td>3</td>
<td>3</td>
<td>General Practice</td>
</tr>
<tr>
<td>Macintosh Power PC G3 17” monitor, mouse, keyboard</td>
<td>$5</td>
<td>2</td>
<td>3</td>
<td>General Practice</td>
</tr>
<tr>
<td>Macintosh Power PC 7300/200 15” Monitor, speaker, mouse, keyboard</td>
<td>--</td>
<td>--</td>
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<td>General Practice</td>
</tr>
<tr>
<td>Monitor - Tatung 14”</td>
<td>$7</td>
<td>3</td>
<td>3</td>
<td>General Practice</td>
</tr>
<tr>
<td>Monitor - Apple 15”</td>
<td>$7</td>
<td>3</td>
<td>3</td>
<td>General Practice</td>
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<tr>
<td>Monitor - Apple 14”</td>
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<td>3</td>
<td>3</td>
<td>General Practice</td>
</tr>
<tr>
<td>Macintosh Power PC 6100/66 box only</td>
<td>$8</td>
<td>3</td>
<td>3</td>
<td>General Practice</td>
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<tr>
<td>Macintosh Power PC 6100/66 box only</td>
<td>$8</td>
<td>3</td>
<td>3</td>
<td>General Practice</td>
</tr>
<tr>
<td>Macintosh Powerbook - 520C Mac Laptop</td>
<td>$8</td>
<td>3</td>
<td>3</td>
<td>General Practice</td>
</tr>
<tr>
<td>Fax Machine - Olivetti OFX3100</td>
<td>$9</td>
<td>3</td>
<td>3</td>
<td>General Practice</td>
</tr>
<tr>
<td>Monitor - 15” Apple with Speakers</td>
<td>$5</td>
<td>3</td>
<td>3</td>
<td>General Practice</td>
</tr>
<tr>
<td>Monitor - Apple 15”</td>
<td>--</td>
<td>3</td>
<td>3</td>
<td>General Practice</td>
</tr>
<tr>
<td>Acer S29 Laptop 14”, PII-900, 512MB RAM, 20Gb disk, new battery, CD, Modem, Ethernet, 14mths warranty</td>
<td>$1,250</td>
<td>2</td>
<td>1</td>
<td>ext 3100</td>
</tr>
<tr>
<td>Two HP Vectra PCs, PII-400, 128MB RAM, 4GB disk, CD, 17” monitor</td>
<td>$200 ea</td>
<td>4</td>
<td>1</td>
<td>ext 3100</td>
</tr>
<tr>
<td>Two HP NetServer E60, PII-400, 128MB RAM, 9Gb SCSI disk, HP 8Gb DAT DDS-2 tape, CD, modem, 15” monitor</td>
<td>$300 ea</td>
<td>--</td>
<td>1</td>
<td>ext 3100</td>
</tr>
<tr>
<td>Six 17” CRT Displays (hardly used)</td>
<td>$100 ea</td>
<td>--</td>
<td>1</td>
<td>ext 3100</td>
</tr>
<tr>
<td>Acer USB Camera</td>
<td>$90</td>
<td>2</td>
<td>1</td>
<td>ext 3100</td>
</tr>
<tr>
<td>Gateway Laptop 12”, P120, 16Mb RAM, 1.2Gb disk, CD, PC network card</td>
<td>$200</td>
<td>7</td>
<td>2</td>
<td>ext 3100</td>
</tr>
<tr>
<td>Apple Printer card</td>
<td>$70</td>
<td>3</td>
<td>1</td>
<td>ext 3100</td>
</tr>
<tr>
<td>Group Response Electronic Voting System, 16 wireless keypads (with LCDs), PC interface (RS232), 2 transmitters (see <a href="http://www.xtol.co.uk">www.xtol.co.uk</a>), software, carry cases</td>
<td>$1,600</td>
<td>5</td>
<td>1</td>
<td>ext 3100</td>
</tr>
<tr>
<td>Sun SparCstation ELC</td>
<td>$700</td>
<td>7</td>
<td>3</td>
<td>Stuart, ext 3899</td>
</tr>
<tr>
<td>Sun SparCstation 4</td>
<td>$700</td>
<td>7</td>
<td>3</td>
<td>Stuart, ext 3899</td>
</tr>
<tr>
<td>Sun Ultra 4</td>
<td>$700</td>
<td>4</td>
<td>2</td>
<td>Stuart, ext 3899</td>
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<tr>
<td>SG1 O2</td>
<td>$700</td>
<td>4</td>
<td>2</td>
<td>Stuart, ext 3899</td>
</tr>
<tr>
<td>Laptop ACER Extensa 390 (390MHz, CD, floppy, Win95)</td>
<td>$500</td>
<td>5</td>
<td>2</td>
<td>Stuart, ext 3899</td>
</tr>
<tr>
<td>Laptop Toshiba Satellite 1750 (700MHz, CD, floppy, Win98ME)</td>
<td>$1,200</td>
<td>2</td>
<td>1</td>
<td>Stuart, ext 3899</td>
</tr>
</tbody>
</table>

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**Bids should be accepted by Monday 15 December 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) or 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.