A marriage of engineers and human movement specialists is not as strange as it might seem, for like any machine, the body is subject to wear and tear and friction.

Professor Gwidon Stachowiak from the Department of Mechanical and Materials Engineering and Dr. David Lloyd from the Department of Human Movement and Exercise Science, are working closely on one of the major health’s problems afflicting millions of people across the world.

The challenge absorbing these researchers is osteoarthritis, a debilitating condition that is very costly both in human and financial terms. Australia has up to two million osteoarthritis sufferers, a condition that costs the nation approximately $9 billion annually, which includes both direct and indirect costs. It is estimated that in the next 20 years the number of osteoarthritis sufferers in Australia will increase to about 3 million.

“Everything that man makes wears out eventually as a result of wear and tear. Systems built by nature are also subjected to the same wear and tear mechanisms. Part of my research has been the study of wear and lubrication mechanisms occurring in joints and their relationship to osteoarthritis,” says Professor Gwidon Stachowiak, who has made this area – tribology – his specialty.

Professor Stachowiak and his UWA Research Associate, Dr. Pawel Podsiadlo, have been developing the radiography system that is able to detect very small changes (undetectable to the eye) occurring in the bone structure of people in danger of developing osteoarthritis. The early detection of the condition is vital for effective remedial intervention. As the X-ray images for such analysis must be taken in exactly the same position, Prof. Stachowiak’s team has designed and UWA technicians, Dennis Brown, Ian Hamilton and Derek Goad from Mechanical and Materials Engineering, have built a rig that holds the joint while it is being X-rayed. The rig is an Australian first and is already in use at the Perth Radiological Clinic in Subiaco.

Often the legacy of a sporting injury or accident, osteoarthritis in the knee joint – if undetected – can result in loss of function and mobility; the need for drugs that have side-effects; and even the need for a complete knee replacement. The loss of mobility caused by osteoarthritis reduces the
America has wrapped itself in the flag - the Star Spangled Banner dominates images of the US following the September 11 tragedy, and now the war in Afghanistan.

Individual Americans commonly not only wave but actually wear the flag, which has become a feature of US fashion and public style.

America has always had a more overt sense of its nationalism. We are also a ‘nation of migrants’, a new society of conquest and immigration in the New World, yet our culture has evolved very differently.

Contrast the way we have celebrated Federation — the first century of Australian nationhood — compared to the ways in which the US constantly evokes The Republic.

How do we account for this difference? How do we explain to the world - let alone to each other as citizens - how the Australian experience has produced the nation we are?

These questions are prompted by the fabulous exhibition that was opened in our Lawrence Wilson Art Gallery on the evening of Friday November 2 by the Premier, Geoff Gallop, and entitled ‘Federation - Australian Art and Society 1901 - 2001’.

Originally developed as an exhibition in the National Gallery of Australia by the then curator of Australian art, John McDonald, it was also designed to be a touring exhibition to all major cities in the country.

Federation has now come to us in the West … and really is a remarkable exhibition. The major themes of our modern nation are represented in the diverse pictorial and sculptural art in the selection.

There is sheer pleasure to be gained from just walking the exhibition and relishing each work. (We have about 130 of the original items, for some could not travel, and others are no longer on loan. Included are three works from our own UWA collection.)

But there is more to it than that. Rather than being a chronological narrative, with all the dangers of ‘triumphalist progress’, the exhibition groups the work around six big themes which challenge us to reflect on the Australian experience, the successes and the disasters, the joys and the pains, the glories and the shames: ‘Beginnings’, ‘The Land’, ‘Cities and Suburbs’, ‘Boom and Bust’, ‘Patriotic Duty’, ‘At Ease’ and ‘Encounters’.

It also has a seventh feature, ‘Designing the Australian Experience’, which presents popular objects of commercial design which reflect fascinatingly on our evolving interests and popular tastes.

A superb catalogue accompanies the Exhibition (and includes the works not brought to WA), with a subtle and challenging text by curator McDonald who aims to offer history yet also challenge us all as Australians. Given the nature of the world at the moment and of the new century ahead for our new nation, rarely can there have been a more timely event than Federation in our Gallery.

The Exhibition will be with us until 27 January 2002. Don’t miss it!

The fact that Federation is in our LWAG is not only a matter of pride and national recognition of UWA, but an appropriate reminder of our service to the State in the broadest sense of education.

The Federation Exhibition will indeed be followed at the LWAG by another remarkable exhibition, this time curated by our own Director, John Barrett-Lennard. Under the title of Deep Water - Aqua - Profunda, it takes the form of a multi-media installation by Lyndall Jones, which earlier represented Australia at the world’s major visual arts festival, the Venice Biennale.

Last week, we also launched the program of the Perth International Arts Festival for 2002, nearing its 50th anniversary as a remarkable UWA creative service to the people of WA. That will begin on Australia Day 2002 and run until 17 February 2002. I hope that I shall meet many of you at Festival events.

The arts have a remarkable way of revealing a society, both its interests and its spirit. Both Federation and the Festival enrich our lives, and also help to define who we are as a community.

That is a worthy association for a University.

Professor Deryck Schreuder
Vice-Chancellor and President
vc@acs.uwa.edu.au
When, earlier this year, Emma Croager watched James Fitzpatrick receive his award as Young Australian of the Year from Prime Minister John Howard, she shared the pride of all at UWA. As a PhD student at this university, Dr Croager had tutored James and other first year medical students; now she herself has become a State finalist in the science and technology category for the Young Australian of the Year Awards for 2002. The winner will be announced on November 22.

Dr Croager, a Healy Postdoctoral Fellow, is working in an area of science that is still in its infancy, but there are great expectations for stem cell research. Australian researchers are among the world leaders in this area, and in the UWA biochemistry laboratory of leading scientist, Associate Professor George Yeoh, Dr Croager is advancing this research in relation to liver cancer.

An ageing population and spiralling Hepatitis C cases due to intravenous drug use means that Australia faces a steady increase in patients suffering from liver disease. Add to this the chronic shortage of suitable donor livers and the fact that even well-matched transplanted livers may be rejected, and it’s easy to see why attention is now focussing on developing alternative therapies.

“The liver is an amazing organ,” explains Dr Croager. “If you remove two-thirds of it, it will actually regenerate as adult liver cells divide to replace those removed. It is the only organ in the body to do this.”

However when the liver is damaged and hepatocytes (the primary liver cell) can no longer divide, another type of cell swings into action, proliferating uncontrollably to cause a tumour. Understanding the mechanisms of both the positive and negative cells is the challenge facing Dr Croager and other researchers around the world.

Dr Croager is particularly interested in exploring the possibilities of producing a bank of liver cells. “If you could remove healthy cells from a patient and grow them in culture in an artificial environment, there would be no fear of rejection when they were replaced in the patient. However, liver cells are very hard to grow in culture, so we still have a long way to go before this therapy would be available.

“Another alternative is to use fetal stem cells to make adult hepatocytes, but we still don’t know the signals that prompt a stem cell to grow into an adult liver cell.”

Dr Croager has collected more than a few prizes during her studies at UWA, including the Lady James Prize for Natural Sciences, the Swan Brewery Honours Prize and the J.W.H Lugg Medal for Biochemistry.

She was also awarded a fellowship from the International Union Against Cancer last year, and spent three months working on hepatocyte isolation techniques at the University of Washington in Seattle. She brought some valuable new techniques back to WA, and hopes to gain more international experience after completing her current fellowship (with the support of the Healy Foundation).
Osteoarthritis research

Processed full length radiogram from Professor Stachowiak’s laboratory

person’s physical activity levels, which increases the potential for obesity, cardiovascular disease and diabetes.

There seems to be a link between gait patterns (walking and running) and knee osteoarthritis.

“If we know loading of the knee joint in gait leads to knee osteoarthritis, we can intervene and modify gait, improve the strength of muscles around the knee, and thus slow or even avoid the onset of osteoarthritis, and perhaps the eventual need for knee replacement,” explains Dr Lloyd.

Dr Lloyd with his Research Associate, Dr Thor Besier and PhD student, Daina Sturnieks are measuring the loading of the knee’s articular surfaces in gait using a new international award winning computer model. Knee functional status, physical activity levels, knee strength and family history are also recorded.

“If we know loading of the knee joint in gait leads to knee osteoarthritis, we can intervene ... improve the strength of muscles around the knee, and thus slow or even avoid the onset of osteoarthritis, and perhaps the eventual need for knee replacement.”

A National Health and Medical Research Council grant has supported the first two years of this important research. The first results obtained are very promising. The researchers, working closely with Perth clinicians Dr Ken Maguire of Perth Orthopaedic and Sports Medicine Centre and Dr Stephen Davis of Perth Radiological Clinic, are hoping to track the current cohort of 180 participants, aged between 35 and 45, over a decade.

Many of the participants have had part of the meniscus removed from a knee as a result of an accident, but none currently shows the signs of osteoarthritis.

The participants’ knee joints are regularly X-rayed, using a special rig that holds the limb steady and the images are analysed. Software specially developed by Professor Stachowiak’s engineering team is a world first and is used to analyse the X-ray images and detect subtle changes occurring.

In the long run Professor Stachowiak hopes to develop a system for an early detection of osteoarthritis that could be used across the country. X-ray images taken in any part of the country could be sent via Internet to an image processing facility and the diagnosis sent back a few minutes later.

Osteoarthritis research

Superlative sparky

Darren Murphy (pictured below) from the University’s electrical workshop has been named the best Electrical Apprentice in Australia.

Late last year, Darren began his rise to fame by becoming the best third year apprentice employed by Electrical Group Training.

In August this year he was named the Western Australian Electrical Apprentice of the Year, winning a trip to Adelaide to compete in the national awards. In October, after an intensive week of observation, interviews and a presentation, Darren was selected as the National Clipsal Electrical Apprentice of the Year, winning a trophy and a holiday in South East Asia.

Candidates were selected on their electrical knowledge, leadership skills and community and sporting interests.

Darren is Captain of the first grade rugby side for Perth Bayswater, coaches under-15 rugby and plays touch rugby ‘just for fun’. In addition to his apprenticeship studies (completed in June), he studied at The College of Electrical Training in high voltage switching, estimating and tendering, computer skills, leading hand skills and programming logical controllers.

He has also received the National Siemens Industrial Electrical Apprentice of the Year Award, winning a trip to Germany to visit the World Electrical Trade Fair in 2002.

Later this month, Darren will travel to Sydney to compete for the National Electrical and Communications Association Apprentice of the Year.

“Oh give me your pity ... I’m on a committee”

The University has established a Working Party to examine the committee structure and the functioning of committees within the University, particularly as they relate to the workloads of both academic and general staff.

This is one of the efficiency reviews being undertaken in 2001-2002 to ensure that the decision-making processes and structures of the University are responsive and efficient.

Details of the review and its terms of reference, as well as some draft guidelines for committees, are on the Web at http://www.acs.uwa.edu.au/reg/COMMITTEEREVIEWS/REVIEWCOMMITTEEINDEX.htm.
A program for the management of rivers around Australia has its source at the Albany campus of UWA.

The Albany-based Centre of Excellence in Natural Resource Management (NRM) was awarded a national contract by Land & Water Australia to provide advice on education and training in river management across the country.

The Centre, delivered its first report to the National Rivers Consortium late last month.

“It’s a great thing for the NRM Centre to be involved with,” said Randall Jasper, the development manager for the Albany centre.

Tenders for the provision of advice on a national framework came from all over Australia. The Albany team is made up of Mr Jasper, Professor Marcus Blacklow, from UWA’s plant sciences group, who is the interim director of the NRM Centre, Associate Professor Peter Davis from Zoology, Luke Pen from the Water and Rivers Commission, and Gael Bell from the State Department of Agriculture.

They will complete their investigations and report by the end of December.

“The NRM Centre would love to be chosen to provide some of the training,” Mr Jasper said. “The program will possibly be let out to several different providers.”

The National Rivers Consortium includes policy makers, river managers and scientists, and co-ordinates and provides leadership in river restoration and protection, through sharing and enhancing the skills and knowledge of its members.

It needs a framework for two types of training and education: a graduate diploma in river management, for people with tertiary qualifications, and a practical training in on-ground river management and restoration for members of the community.

Using the advice of the NRM Centre, the National Rivers Consortium will probably run some pilot courses next year.

“As a new centre, it is very encouraging to get some runs on the board,” Professor Blacklow said. “This project complements the Torbay Project funded by the National Rivers Consortium for restoration and management of the Torbay catchment in WA.

“The centre aims to make substantial contributions through research and training for the resolution and management of natural resource issues. We’re off to a good start,” he said.

A professor of organic chemistry coming to UWA from California is part of a ‘reverse brain-drain’ costing the Australian Research Council more than $15 million.

The Federal Government has provided funds for the ARC’s Federation Fellowships, bringing home six Australian researchers currently holding some of the world’s most prestigious research posts in the USA, Europe and Asia. The fellowships will also retain a further eight of our best researchers already working here.

The Fellows will each receive $1.25 million over five years, making the scheme the most prestigious and richest publicly-funded research Fellowship ever offered in Australia and one of the richest in the world.

Professor Tadeusz Molinski left Australia in 1989 for the University California at Davis, building an international reputation in the chemistry of marine natural products. His scientific contributions include the discovery of biologically active compounds from marine organisms.

He works at the interface of organic chemistry and medical chemistry and is particularly interested in natural compounds that kill cancer cells.

He will start his five-year term at UWA next year but will visit the University in December, as a guest of the head of the Department of Chemistry, Professor Sue Berners-Price.
The Berndt Museum of Anthropology was formally established by the University Senate in 1976 to house the collections of Ronald M. and Catherine H. Berndt, as well as other materials then held in the Department of Anthropology.

Dr John E. Stanton was appointed the first Curator in 1980, and has overseen the development of the Museum into an institution internationally recognised for the excellence of its collections (especially its contemporary and historical Australian materials) and for its linkages with Aboriginal communities, particularly in the area of cultural maintenance.

Although the Museum is still housed in the Social Sciences Building, University plans to relocate the Museum to the north-west corner of the campus will provide essential additional facilities for research and storage, as well as for exhibitions.

Dr John Stanton, Curator

PERTH INTERNATIONAL ARTS FESTIVAL

"I say to you people of Perth, don’t let these men and women down by listening to carping critics who would have you produce the moon, preferably on a piece of home-made cheese; keep up your standards and seek the best that is available to you where it may be found; but don’t allow the Festival to become the exclusive preserve of the ultra highbrows who might be tempted to forget that it is primarily a festival for the people of Perth."

This was Professor Fred Alexander, the founder of the Festival of Perth (now the Perth International Arts Festival — PIAF), in 1953.

For nearly 50 years, the University has honoured Professor Alexander's vision and now PIAF, a centre of excellence within the University, is not only the premier cultural event in the state but one of the nation’s most highly regarded international arts festivals.

PIAF is working towards achieving its mission by its 50th anniversary in 2003: to have offered every West Australian an opportunity to experience a Festival event.

— Kim Roberts, Director

UWA EXTENSION

UWA Extension has been offering stimulating and life-changing learning experiences for more than 70 years, most notably in Summer School, its flagship program, out of which today’s Perth Festival originated.

The many and varied activities of UWA Extension continue throughout the year for all those who wish to enrich their lives or broaden their horizons. Courses offered by UWA Extension range from the everyday to the esoteric: languages, philosophy, laughter, music, business, investment, painting, speaking, dancing and singing.

— Kim Roberts, Director

UWA PRESS

Fast approaching its 50th Anniversary in 2004, UWA Press, our award-winning publishing house, specialises in topical books for the Western Australian community, and contributes to a lively discussion of the environment, history and culture of WA and beyond.

Salinity problems in our wheatbelt, the post-war migrant experience,
Over the ninety years that UWA has been an institution in Perth, hundreds of thousands of West Australians have had contact with the University, without ever being a student or working here.

Seeing a film in the Somerville Auditorium, attending a wedding in the Sunken Garden, going to a summer school (now UWA Extension) class, playing sport or dancing the night away at a ball in Winthrop Hall ...

Other contact has been made through staff participating in community activities and discussions and through the news media: a UWA expert commenting on a controversial issue on television; a scientist explaining her recent discovery in the pages of a newspaper; a historian talking about his new book on radio ...

Recognising the value of this wide-ranging activity, the University brought all this outreach together in 1997, under the banner of Community Relations. It lured the former Head of the Department of Music, Associate Professor Margaret Seares, back to the campus to oversee the University’s relationship with the community and implement strategies for development.

The importance the University places on Community Relations is reflected in Dr Seares’ executive position as Pro Vice-Chancellor (Community and Development).

She is responsible for seven different areas of activity where the community and the University come together and where Dr Seares and teams work to ensure those meetings are the best possible experiences for all concerned and work to mutual advantage.

They are Public Affairs, Office of Development, including the Visitors’ Centre, Lawrence Wilson Art Gallery, UWA Extension, UWA Press, and Convocation (WA Graduates Association) and Berndt Museum of Anthropology.

commemorating the Holocaust in Australia, Aboriginal women on mission stations in the Kimberley, the building of the Duyfken replica, and the life of WA’s most famous engineer C Y O’Connor, are the focus of some of the books written by Western Australians and published this year by our own UWA Press.

— Dr Jenny Gregory, Director

PUBLIC AFFAIRS

An integral part of gaining widespread support required to sustain any institution is its place in society.

With the statutory and moral requirements of openness, accountability and scrutiny, universities are no different in that they need to be seen by the community as of value; accessible; good neighbours; and fulfilling their reason for being.

Facilitating the community’s understanding and awareness of the high quality teaching and learning and research being carried out by dedicated UWA academic and professional staff is the role of Public Affairs.

Public Affairs can add value by:

- maximising opportunities for positive media exposure; managing negative exposure; facilitating access for media advice and assistance; building a network of specialist commentators; and assisting staff liaise with media.

— Colin Campbell-Fraser, Director

OFFICE OF DEVELOPMENT

The Office of Development and Alumni Relations was established in 1998 to strengthen ties with the community through the development of relationships with graduates, alumni and the external corporate world.

Through the Hackett Foundation, the Office of Development is building a “second endowment” to continue the tradition established by the original Hackett bequest, the University’s first endowment. Working with Community Relations, the Office of Development provides creative ways for individuals and organisations to join with the University to ensure the State and the nation remain at the forefront of the “knowledge revolution”.

— Peter Leunig, Director

CONVOCATION (UWA GRADUATES’ ASSOCIATION)

Convocation, the UWA Graduates Association (UWAGA) has moved its office to the corner of Broadway and Stirling Highway. The UWAGA is sharing facilities with the Office of Development. This reflects the collaboration between the UWAGA and the Office of Development in a number of initiatives including establishment of the Visitors Information Centre and reunions for graduates, to name just a few. Graduates are always welcome to call by.

— Dr Suzanne Baker, Warden

LAWRENCE WILSON ART GALLERY

The Lawrence Wilson Art Gallery has a dual function in the University, acting as a centre for research and scholarship in the visual arts and visual culture, and as a major centre for community outreach.

The Gallery’s research encompasses both the UWA Art Collection (a major public collection of Australian art, started in 1927, and built through extensive donations and occasional bequests), and a wide ranging program looking at both contemporary and historical art and ideas. The collection comprises more than 2000 artworks and contains examples from leading Australian and international artists acquired through donations, purchases and bequests.

— John Barrett-Lennard, Director

Staff of The Office of Development in their new premises

Pro Vice-Chancellor, Associate Professor Margaret Seares has the last word on community relations — see back page.
A UWA Professor of French ruffled some religious feathers recently with his Gordon Athol Anderson Memorial Lecture at the University of New England.

Associate Professor Andrew Hunwick made some surprising and controversial comparisons of the views of the Resurrection of Jesus Christ from a 20th century Anglican Bishop and an 18th century atheist.

Comparing Baron d’Holbach, the atheist who lived and wrote in France, and Bishop John Selby Spong, the former Bishop of New Jersey, now lecturing at Harvard, Professor Hunwick found that their views had a surprising amount in common.

“This is despite the fact that d’Holbach sought to free people from what he saw as the harmful influence of everything pertaining to Christianity and Spong unequivocally calls people to Jesus and to God,” Professor Hunwick said.

He said D’Holbach’s atheist views could still enrage Christians today. He wrote that he hoped a time would come when “humanity will no longer be terrorised by priests and religion will be supplanted by the triumph of reason and nature.

“Christians do not for a moment doubt the resurrection, and their belief in this respect is rock-solid. They are taught to sacrifice reason, judgment and good sense on the altar of faith...” d’Holbach wrote.

Professor Hunwick points out that, although for different reasons, Bishop Spong also asks people to question the Resurrection.

“He asks for a critical and bold examination of contradictions — traditional notions that just don’t make any sense — in doctrine he sees as outdated and limiting,” Professor Hunwick said.

“He retains a heartfelt wish for people to think again about the Bible and he writes: ‘The Bible never says in a simplistic way that Jesus is God. Jesus prays to God in the gospels. He is not talking to himself. Jesus dies on the cross. It makes no sense to say that the holy God died.’”

Spong points to the writings of St Paul which indicate that, after his death, Jesus was raised into God’s presence. “It was not a flesh and blood body fit to inhabit this earth,” writes Spong.

“Bishop Spong says he is not impressed with what passes for adult education in most churches. ‘Many an adult Bible class is little more than the pooling of ignorance’ he writes, a view that co-incides surprisingly with that of d’Holbach,” Professor Hunwick said.

The Anderson Memorial Lecture honours Professor Gordon Anderson who held a personal chair in Music at the University of New England until he died in 1981. Professor Hunwick’s work as a commentator on music and also on biblical translation and interpretation of Scriptures as well as his research into the French language made him an ideal candidate for the lecture, which has always covered a broad range of topics on music and texts.

**“Many an adult Bible class is little more than the pooling of ignorance”**
A second-year Commerce student has topped the State with an award from national chartered accounting firm PricewaterhouseCoopers (PwC).

The PricewaterhouseCoopers Award for Outstanding Innovation, Leadership and Commercialism offers scholarships of $1000 to the best accounting students at each of WA’s four public universities.

Lisa Soh is UWA’s winner and was named the overall winner and collected a further $2000 and was also offered paid vacation employment. Rather than rewarding students for high marks in specific subjects, PwC has identified innovation, leadership and commercialism as the non-technical skills as paramount to their business.

Nick Henry, Partner at PwC said: “The attributes of commercialism, leadership and innovation are held in high esteem within PricewaterhouseCoopers, and are a critical part of our corporate values and ongoing success. Our award has been designed to acknowledge and reward those who can consciously recognise the link between their university studies and their application to the wider world at an early stage of their studies. “

The selection criteria for the award required that students show innovation by developing creative solutions and translating them into practical results; leadership by being courageous in conveying a vision which inspires and motivates others; and commercialism by demonstrating an understanding of the business environment in order to seize an opportunity.

Students were also expected to have a consistently above average performance in their chosen field of study.

Lisa Soh was also one of three UWA commerce students who won three out of five undergraduate accounting awards, for students from all public universities.

The Institute of Chartered Accountants CA Achiever program is an award of paid work experience with a chartered accounting firm, made to the top first year commerce students studying the core accounting unit at each of WA’s four public universities.

Lisa Soh, Tim Malloch and Tina Zhou were all successful CA Achievers from UWA, taking out three of the five placements available.

The first year financial accounting lecturers, Ann Tarca and Paul Coram (recently recognised as Australia’s top accounting lecturer) were very pleased to see UWA students highly ranked against their peers from other universities.

“The placements confirm that the UWA Commerce degree in Accounting and Finance continues to attract the top students” Ms Tarca said.

The object of the CA Achiever is to provide commerce undergraduate students with vocational experience in a chartered accounting environment, to contribute to their understanding of the profession and assist in their choice of a suitable career path.

It also provides chartered accounting employers with access to outstanding commerce undergraduates to help in the graduate recruitment process.

CA Achiever aims to motivate students to achieve outstanding results in their first semester of their first year accounting subject. It was introduced in Victoria last year and became a national initiative this year.

Tim and Lisa will be working with Bentleys MRI and Tina with BDO Chartered Accountants and Advisers, over the summer break. Horwath Perth-Partnership also offered placements, which went to two students from Edith Cowan and Curtin universities.

The CA Achiever Program will be running again next year.

Lisa Soh, high achieving student, receives her CA Achievers award

“...we reward those who can consciously recognise the link between their university studies and their application to the wider world …”

For questions about books — watch the screen

Did you know that Patrick White has been the subject of more than a thousand critical reviews or that John Clarke use more pseudonyms than any other contemporary Australian writer?

This is the sort of information offered by AustLit Gateway, a new Internet service devoted to Australian literature.

UWA is a partner in AustLit with eight other universities and the National Library. Access it free until December 31 at http://www.austlit.edu.au
Professor Kathy Haaland, one of the world's leading clinical neuropsychologists, has been advising UWA's Department of Psychology on their new course in neuropsychology.

"I like what I see," said Professor Haaland, Professor of Psychiatry and Neurology, Vice-Chair for Research in Psychiatry at the University of New Mexico's School of Medicine, and Director of Psychology Research for the Veterans' Affairs Medical Centre.

"I've been looking at the new program, seeing how it could be improved and talking to the students," said Professor Haaland, spending a few weeks at UWA under the Distinguished Visitors scheme.

"There's such a good integration of research and clinical work here. And one always enriches the other. So far, I'm impressed with the system in this department. There is a great deal of emphasis on research rather than formal course work, even for the undergraduates." I think this approach improves their ability to understand the patients that they will see when they graduate and are practising," she said.

The area of clinical neuropsychology has a strong interest in how the brain controls behaviour.

"The clinical side comes in our work in hospitals," Professor Haaland explained. "If a patient has a significant number of cognitive complaints (loss of memory is the most common), they are referred to a clinical neuropsychologist.

"We will assess their attention, spatial, memory and language skills to identify the problem. The advantage we have over a neurologist is that we look at a broader range of possibilities. We have a normative base with which we can compare patients. For example, if a 70-year-old patient complains of memory loss, we can compare her/him with other normal 70-year-olds and see if the cognitive changes are simply part of the aging process.

"It is extremely reassuring for people to be told that their loss of memory is normal, that they are not suffering from Alzheimer's," she said.

For the past 20 years, Professor Haaland has been involved with veterans and has worked especially with patients who have suffered strokes or have Parkinson's disease. She is most interested in how the brain controls complex movements and the cognitive aspect of that.

While at UWA, she has consulted with Associate Professor Gary Thickbroom and Dr Michelle Byrnes at the Centre for Neuromuscular and Neurological Disorders, about potential research collaboration.

The agreement includes the transfer of copyright in a selection of Professor Kinsella's work. It is believed to be the first time that a contemporary Australian author has assigned copyright to a university library in this way. Proceeds from the future publication of this material will be used to benefit the research collections in the UWA Library.

John Kinsella is the author of more than twenty books and has won many awards and prizes for his work. He is a Fellow of Churchill College, Cambridge University, and the Richard L Thomas Professor of Creative Writing at Kenyon College, Ohio. He is co-editor of the British literary journal Stand, and International Editor of the American literary journal The Kenyon Review.

Dr Toby Burrows, the principal librarian from the Scholars' Centre, said that Professor Kinsella, a native of WA and a graduate and sometime staff member of UWA, had already given the University a lot of his manuscripts.

"But he felt quite strongly that he wanted to do more than that, and he came up with the idea of signing over the copyright to us, so if there's any income to be earned, it comes to us," Dr Burrows said.

Professor Kinsella spent part of last year and most of this year in the English Department and is also involved with the local literary magazine Westerly.

His manuscripts are housed in the Scholars’ Centre in the University Library. A Web guide to the collection is available at: http://findaid.library.uwa.edu.au/dynaweb/findaid/kinsella3
Premier opens high profile exhibition

by Trea Wiltshire

Two different images of Australian women
(LEFT) Margaret Preston’s The Flapper
(BELOW) Russell Drysdale’s The Drover’s Wife

Western Australians have enjoyed a visual arts feast during 2001, with first Monet and then Rodin attracting record attendances at the Art Gallery of Western Australia, and now a high-profile touring exhibition of the nation’s major art works expected to do the same at UWA’s Lawrence Wilson Art Gallery.

Federation: Australian Art and Society 1901 – 2001, a National Gallery of Australia Travelling Exhibition, was opened by the Premier, Dr Geoff Gallop, and will be on display at the UWA gallery until the end of January 2002.

Curator of the Lawrence Wilson Art Gallery, John Barrett-Lennard, said that a lot of behind-the-scenes work and research had gone into mounting this outstanding event in Australia’s cultural history. He is confident the exhibition will provide a pleasurable and informative summer activity for families, individual and students.

Two of the paintings in the exhibition (which will tour the nation for more than a year) are from the University’s collection: The Pie Eaters by Yosl Bergner (1940) and Woman Pilot (Mitty Lee Brown) by Adelaide Perry (1931).

The list of participating artists features many distinguished names, including Tom Roberts, Frederick McCubbin, Arthur Boyd, Sidney Nolan, Margaret Preston, Russell Drysdale, William Dobell, Grace Cossington Smith and Max Dupain. Among the contemporary artists are Gordon Bennett, William Yang, Margaret Dodd, Charles Blackman, Jimmy Pike and Tracey Moffat.

A mosaic of the past century, Federation aims to reflect the diversity of Australia’s art, culture and social life through 150 works that include paintings, photographs, prints, sculpture and decorative arts. The exhibition charts the nation’s course through the twentieth century, showing how we became the people we are today. There is a strong narrative thread to the exhibition which looks at Australia’s experience of war, its love of sport, its times of prosperity and hardship.

The gallery is open Tuesday to Friday 11am – 5pm, and on Sunday 12noon – 5pm.

New US Ambassador pays UWA a visit

It was easy to locate the newly appointed United States Ambassador to Australia, J Thomas Scheiffer, and his family on campus during their recent visit.

An entourage of slow-moving white cars accompanied by numerous suited men and women with communication earpieces proceeding from the Vice-Chancellery to the Dolphin Theatre clearly marked the spot.

Following a courtesy meeting with Acting Vice-Chancellor Professor Alan Robson, the Ambassador delivered a presentation to more than 200 staff and students in the Dolphin Theatre. Dr David Denemark from the Department of Political Science introduced the ambassador.

In his free public lecture entitled “A Look at the Bush Administration: An Insider’s Perspective”, which he described as ‘a chat’, Ambassador Scheiffer detailed his business background and his long-standing friendship with US President Bush.

He took up his post in Australia in July this year. He said the tragic events of September 11, 2001 had touched all US citizens and expressed thanks for the empathy shown by Australians and their governments to the trauma experienced by his country and its people.

Anti war protestors outside the Dolphin Theatre

Question time proved lively with impassioned statements from some audience members regarding US foreign policy in general, and particularly that concerning the Middle East and Indonesia.

A small number of people handed out anti war leaflets to those attending the lecture.
At a recent Senate meeting there was considerable discussion about UWA’s role with and commitment to the community, and the role of community service as part of the ‘core business’ of the institution.

The discussion somewhat implied that regarding community service as a core function of the University is a relatively recent phenomenon. However, if we go back to our founding Act of 1911 we can see, through the prominent role given to Convocation in University governance, the desire to embed links with the community into the overall operation of the University. Section 17 (d) allows Convocation to embrace “representatives of certain commercial, industrial, scientific and educational societies, institutions or associations” as well as graduates of the institution. The fact that Convocation is listed, with Senate, staff and students as one of the basic pillars of the University demonstrates the importance that was given by the founding fathers to our graduate and community links.

Community relations are further explored in Section 5 of the University’s Strategic Plan, headed ‘Community Service’:

“UWA has a unique relationship with the WA community, being the first University in the State with traditionally close ties to the local community. It has … a prominent role in the cultural life of the community by such means as the Summer School and other University Extension activities, the Perth International Arts Festival, the fine music and theatre facilities, the Art Gallery, and so on … The University recognises, however, that it must continue to publicise and build upon its achievements in the community so that its value to the society on which its future depends is fully appreciated. The University is committed to making a greater effort to ensure continuing community support. This includes communicating more effectively with the general public, politicians, industry and commerce, schools and professional bodies and so on, and involving University people at every level in this process.”

It is this emphasis on promoting the value of the University to the community that is the more recent phenomenon, rather than the recognition of community service within the core of the University’s functions per se. It does not need Einstein to deduce that the accelerating decline of government funding to all Australian universities means that, if we are to maintain and develop our current standards, we have to seek support elsewhere.

But support these days very rarely comes unfettered nor does it come easily. For example, a number of reports have demonstrated that West Australians are amongst the least generous in the nation, per capita, when it comes to philanthropic giving. And if we wondered why our Victorian counterparts seem to do so well in attracting philanthropic support, it’s because around 80 per cent of Australia’s public trusts and foundations can only be accessed by institutions and individuals resident in Victoria.

Beyond philanthropy, corporate support these days is very much tied to partnerships, rather than the old sponsorship mode. Even if there were more corporate head offices in Perth, our approaches would still need to demonstrate what we can do to service a partnership as well as what we would like from the partnership, and this would involve departments and centres as much as central administration.

None of these problems – except the legislative restrictions on trusts and foundations – is insurmountable. However, all will be more easily achieved if UWA is seen to be a major community player. This is why our community outreach activities are so important, because through them we can be seen to be giving back to the community.

The more we can bring people onto the campus, the more we can cement those wider community links and in so doing fulfil both the aspirations of our founders and the needs of our current operating environment.

See centre spread for Community Relations feature.
Western Waagyls win

The Western Waagyls, UWA’s team in the National Indigenous Higher Education Games, have brought home gold.

In only their second year in the competition, UWA’s team of 11 indigenous students won the Grand Champion Trophy from 12 other teams representing universities around the country.

In a two-day competition at Charles Sturt University in Bathurst, the students won 14 and drew one of their 16 first-round games in netball, volleyball, basketball and touch football (all mixed teams).

The following day they progressed to the grand finals in touch and basketball, winning the basketball by blitzing the University of Sydney 34 to 22.

The students also competed in traditional games and UWA’s Andrea Lockyer won that section, being awarded a traditional trophy, a woomera.

Their cumulative wins made the Western Waagyls the overall winners, which means that the games will be held at UWA next year.

Three of the students, Steven Torres-Carne, Rowena Hamlet and Kurtis Leslie, also represented UWA in the recent Australian University Games.

Homestate Mining, the UWA Guild and the Aboriginal Advancement Council sponsored the Waagyl’s successful tour.

Review of the Efficiency and Effectiveness of Committees in the University of Western Australia — Call for Submissions

Committee work is like a soft chair—easy to get into but hard to get out of (K.J. Shively)

Meetings are indispensable when you don’t want to do anything (J.K. Galbraith).

The committee: a group that takes minutes and wastes hours (Anon.)

These aphorisms conjure familiar images of the many committees involved in the administration, management and governance of the University and the meetings that are inevitably associated with them.

The University has established a Working Party to examine the committee structure and the functioning of committees within the University, particularly as they relate to the workloads of both academic and general staff. This is one of the efficiency reviews being undertaken by the University in 2001-2002 to ensure that the decision-making processes and structures of the University are responsive and efficient.

Details of the review and its terms of reference, as well as some draft guidelines for committees, are on the Web at http://www.acs.uwa.edu.au/reg/COMMITTEEREVIEWS/REVIEWCOMMITTEEINDEX.htm.

The Working Party is keen to receive submissions, comments, suggestions (and even pertinent aphorisms) from staff on any aspect of this important issue. These can be sent to Sato Juniper, c/- Student Services (sjuniper@admin.uwa.edu.au). Or, if you wish your response to be confidential, please note this in your submission and send it to the Chair of the Working Party, Dennis Haskell c/- Secretariat Services (dhaskell@cyllene.uwa.edu.au).

Classifieds

FOR SALE

MELVERN STAR HURRICANE MOUNTAIN BIKE, incl. brand new lock, never used, valued $480, take $350 ono. Phone Ron on 9388 4711.

CLASSIC YACHT FOR SALE FOR THE NEW SEASON! Stormbird is a 33.5 ft sloop designed by A.C.Barber who also designed Rani and Ripple, winners of Sydney Hobart Yacht races. Detailed history available. Now a wonderful cruising yacht, requiring minimal maintenance. Sleeps 4 with roomy and protected cockpit, heads, furling head sail, solar panels etc. Need to sell her to caring people, asking $35,000. Lying Fremantle Challenger Harbour. Please ring Vicky Stirling 9381 6069 or email vickys@cyllene.uwa.edu.au.

NOTEBOOK, TOSHIBA SATELLITE, 310 CDS pentium, 200 mhz, 2 GB, CD Rom and Floppy Drive, pmcia slots, 32 mb Ram expandable to 120. Excellent condition, hardly used, owner overseas. Price $1000. Phone 9380 2989, 9386 7995.


FOR RENT

MOSMAN PARK LIFESTYLE ACCOMMODATION, historic limestone house, recently architect renovated, 3 large bed, 2 bath (new), new kitchen and laundry, dishwasher, delightful entertainment areas, reverse cycle A/C, spa. 5 mins walk to shops, restaurants and rail, 10 mins walk to beach. Tel: 9384 7063.

CRAWLEY near river. Quiet professional or postgraduate, male or female, to share 2 bed house, 1 min from UWA. High ceilings, garden, large bedroom, and undercover parking for $95 p/w., plus expenses. Bond and lease to be arranged. Contact geoffglazier@hotmail.com or joanna.thompson@uwa.edu.au.


SOUTH PERTH, PENINSULA LOCN, 3 bedroom apartment, carpot, river and city views from the balcony, quite location, close to river, city and trans. 5 Melville Place, $185, Tel. 9386 6139.

Back: Steve Torres-Carne, Rowena Hamlet, Melissa May, Chad Creighton, Daniel Hunt (with the trophy), Dezreena Hoelker, Kurtis Leslie Terry Morich
Front: Andrea Lockyer, Kate Hall, Emma Hunt

Compiled by Joanna Thompson
Telephone: 9380 3029
Facsimile: 9380 1162
Email: joanna.thompson@uwa.edu.au
Tuesday 20 November
HISTORY SEMINAR
‘Western desert missionaries, their collaborators and critics’, Ian Duckham.
4.30pm, PSA Lounge.

LAWRENCE WILSON ART GALLERY TALK
Tony Cooke on the art of work in Federation. Tony was until recently the Secretary of Unions WA and is about to take up a position at Curtin University. He is a well-known public figure in WA and a skilfull commentator on public issues that affect working Australians. In the context of Federation, Tony will talk about some of the changes for working Australians over recent decades. 1pm, LWAG.

Thursday 22 November
WABCAP SEMINAR
‘Osteoclast activity in bone disorders’, Jake Xu. 7.45am, WAIMR Meeting Room, Ground Floor, B Block, SCGH.

Saturday 24 November
PERTH MEDIEVAL AND RENAISSANCE GROUP END-OF-YEAR PARTY
To be held at 440 Guilford Rd, Bayswater, starting at 7pm. Spit roast, salads, rolls and butter, platters of fresh fruit provided for dinner, followed by convivial entertainment. Cost: $25 per person, payment to Talia Marsh, CI-Dpt. of English. Enquiries to Charles Acland on 9423 9428.

Sunday 25 November
ADESTE HUMANIORES EXTRAVAGANZA
This is your life, Nero. 5.30pm, Sunken Garden, UWA. $20 per person/$50 per family. Contact Dr Judith Maitland, ext. 2162, or email jmaitla@cyllene.uwa.edu.au.

Tuesday 27 November
HISTORY SEMINAR
‘Mary Wollstonecraft’s understanding of madness’, Paul Laffey. 4.30pm, PSA Lounge.

LAWRENCE WILSON ART GALLERY TALK
‘Suspect images of a mist procession’, Tom Stannage. 1pm, LWAG.

Wednesday 28 November
AUSTRALIAN UNIVERSITIES TEACHING COMMITTEE VISITING SCHOLAR PRESENTATION
‘The changing roles of those who teach in higher education’, Dr Gary Poole, AUTC Visiting Scholar. 4 to 6pm, Geography Lecture Theatre 1.

Friday 30 November
CLIMA SEMINAR
‘Lupin resistance to aphids’, Dr Owain Edwards; ‘Close encounters with Phomopsis Blight on lupins’, Dr Manisha Shankar. 4pm, CLIMA Seminar Room.

ADVANCED NOTICE
Monday 3 December
INSTITUTE OF ADVANCED STUDIES/GENOMICS, SOCIETY AND HUMAN HEALTH PROGRAMME FORUM
‘New frontiers in medicine’, the second theme in the Genomics, Society and Human Health Programme. Burswood Theatre. For information, please contact Anne Same on 9489 7885 or annes@ichr.uwa.edu.au.

Tuesday 4 December
LAWRENCE WILSON ART GALLERY TALK
‘The settler and the suburb. Fashion and futures’, Patrick Beale, Head of Architecture and Fine Arts. In the context of the exhibition Federation, Patrick will discuss his interest in the complex ways that settler cultures relate to place. 1pm, LWAG.

New look down under

It’s finally happened. The Winthrop Hall Undercroft has been refurbished.

Suffering from years of hard use, the Undercroft had a dangerous floor and a ceiling festooned with exposed cables and piping.

For several years repairs and refurbishment had been delayed while various plans were discussed. The trigger for action this year was the postponement of the paving around the reflection pond.

Consulting with Kevin Hamesley at University Theatres, architect Jean-Marie Gobet (working with UWA’s Office of Facilities Management) planned a simple but sophisticated design for the new work – subdued for exams, yet easily converted into a stylish function space. The Heritage Council was advised and with their blessing obtained, the design was put into effect.

Working to a very tight deadline, the old carpet was stripped out; the concrete floor was cut for new expansion joints and in-floor ducting installed; ramps were constructed at the exit doors; the ceiling repainted throughout; the lights were rebuilt and emergency lighting installed; all walls and columns painted; the wrought iron balustrade repainted and finally, the new carpet put down.

This time carpet-tiles were laid rather than broadloom to simplify repairs to stains and damage. And the work was completed in time for the first of the annual examinations.

The work is a testament to the skills and expertise of the team from the Maintenance Workshop, and judging from the many positive comments on the new look, they can be proud of their achievement.
UWA OLIVE OIL SHOWCASE DINNER 2001

Want to learn more about olive oil? You, your family, colleagues and friends are invited to participate in the ultimate olive event of the year. The UWA Olive Oil Showcase Dinner 2001 will be held on Friday November 30 2001 at University House from 6.30 to 10pm. Cost per person, which includes GST, is $55. During the evening producers will talk about their olive oils and Extra Virgin Olive Oils from the 2001 season will be available for tasting. Producers of prize-winning Extra Virgin Olive Oils will receive ribbons and certificates that were awarded at the 2001 Perth Royal Agricultural Show.

The dinner menu, with influences of the Mediterranean, includes Anti-pasta, Turkish Bread, Crossini sticks; Aubergine Moussaka; Roast Lamb Marinated in Olive Oil, Rosemary, Garlic and Lemon Juice; Potatoes from the Oven; Traditional Greek Salad with Lemon and Olive Oil and Green Garden Salad with olive oil and wine vinegar; and selection of sweets– Fresh Fruit Salad and Cream, Chocolate Mousse or Creme Caramel. Non-alcoholic, alcoholic and hot beverages will be served during the dinner.

Contact: Professor Stan Kailis – Plant Sciences Group.

The campus can be a very big place for tiny legs. When these little ones from the child care centre on Parkway took a stroll around the grounds, they needed a drink and a rest and what better place to pause than the reflection pond, where they also met the family of 11 ducklings living in Whitfeld Court.

Kenata Rentals providing short-term, fully-furnished accommodation to UWA since 1982.
**Redundant Equipment for Sale**

<table>
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<td>48 x Pentium 166 32MB RAM, 1.7GB Hard Drive, 15” Multimedia Monitor, CR ROM, Network Card, No Operating System</td>
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<td>Toner Cartridges for HP Colour LaserJet Printer: Cyan(2), Yellow (1), Magenta (1), Black (1) and drum Kit (2)</td>
<td>Black ($1730); Magenta, Yellow &amp; Cyan ($248 each)</td>
<td>Drum Kit ($168)</td>
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<td>HP LaserJet 4000N, 8 Mb RAM, 16ppm, PCL &amp; Postscript, 100 &amp; 500 Sheet Trays</td>
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**Bids should be accepted by Monday 3 December with departments to have first option**

Departments are reminded that all University equipment available for sale must be advertised in the UWA news. 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.