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	People and places			
Current Issue	<p>Professor Dame Jill Macleod Clark, Deputy Dean of the Faculty of Medicine, Health and Biological Sciences has been elected chair of the Council of Deans and Heads of UK University Faculties for Nursing, Midwifery and health Visiting. Dame Jill, who is also Head of the School of Nursing and Midwifery, was awarded the DBE in 2000 for services to academic nursing.</p>			
archive search	<p>A student nurse recently saw behind the scenes at Number 10 Downing Street when she met the Prime Minister for tea. Shonagh Musgrove was a winner in the Nursing Standard Nurse of the Year Awards—and had been invited to meet Tony and Cherie Blair along with the other winners. Shonagh says it was clear the PM realized the extent of the staff shortages when he told the group that more NHS workers were needed: 'It is easy to think that healthcare professionals and patients are the only people who see the shortages...he (Tony Blair) has a government and advisers to help but even they cannot do everything.'</p>			
	<p>A group of aeronautical engineering students are hoping to build the UK's fastest-ever amateur rocket. The four fourth-year undergraduates and one postgraduate are designing a rocket that will reach 670 metres a second, twice the speed of sound. The group expects to launch its two and a half metre long unmanned rocket in 2005, subject to being granted a licence.</p>			
	<p>A Southampton alumnus has been attempting to change people's perceptions of British born Chinese in a series of Radio Four programmes, Beyond the takeaway. David Tse graduated with a law degree in 1986 and is now an actor and director, as well as the artistic director of the Yellow Earth Theatre Company. He has made many stage and TV appearances including The Bill, Minder and Cracker.</p>			
University Pages sotONLINE External Relations		<p>PhD student Tim Gabrielle is set to inspire a new generation of scientists and engineers. The 24 year old is one of 13 new role models chosen to promote science to young people as part of the New Outlooks in Science and Engineering (NOISE) campaign.</p>		

April 2003

Tim will take part in initiatives to attract more young people to study science and engineering at university. Tim said: 'Luck helped me end up with a

career in chemistry. I want to make sure young people are encouraged to become interested in chemistry and NOISE is giving me this opportunity.

The campaign is funded by the Engineering and Physical Sciences Research Council.

Pull the other one!

The University bell-ringers, Southampton University Guild of Change Ringers (SUGCR), is calling for a new home to be made available for its unique set of bells.

Most peals of bells are located in churches up and down the country, but there are a handful of mobile, or 'mini-rings' throughout the world. SUGCR is the first university guild to have a mini-ring, which when it was installed was the lightest ring in the world, and the first of its kind to contain 12 bells.

After much fundraising by members of the University and the guild, the mini-ring, also known as the 'Hartley Twelve', was installed and rung for the first time in June 1999 in the Students' Union building. Since then the bells have been rung regularly by both SUGCR and by visiting bands from all over the country. During the refurbishment of the Union building last year, the Hartley Twelve were rehoused in New College Chapel. Now that the New College campus is to be sold, the bells are looking for a new home.

'The question is, should these bells be hidden away in a back office of the Union, or should they be made a feature of the University,' says Neil Mackay of SUGCR. 'This is one of the University's unique assets, and as many of the current ringers are graduating and leaving the University this year, we'd like to think the bells were going to a permanent home.'

<http://www.soton.ac.uk/~sugcr/>

Computer experts at the University have just released a new version of their hugely popular free-to-use email security system MailScanner, offering a high level of protection to companies and institutions wanting to safeguard their computer networks from viruses and the potential threat of cyberterrorism.

Developed by Julian Field of the world-renowned Department of Electronics and Computer Science, MailScanner processes over 500 million email messages every day around the world, removing 2 million viruses and identifying 75 million spam messages.

It is already in use at 20,000 sites around the world protecting top government departments, commercial corporations and educational institutions, including the University of Southampton itself, and is becoming a standard feature of many Internet Service Providers.

'In the current global climate, the possibility of cyberterrorism is an ever-growing threat and protection against viruses and other email-based attacks is now more important than ever before,' explains Julian Field.

'The US Department of Homeland Security recognizes that the Internet is a core part of the economy and the US intelligence community has warned of the growing threat of cyberterrorism. By making MailScanner available to companies we hope to help reduce the spread of such attacks.'

MailScanner scans all e-mail for viruses, spam and attacks against security vulnerabilities. It is not tied to any particular virus scanner, but can be used with any combination of 14 different virus scanners, allowing sites to choose the 'best of breed' virus scanners. Being open source, site administrators can audit and verify the integrity of the system.

A postgraduate research student is developing a revolutionary new car, which averages more than 200 miles per gallon in the city. Dennis Doerffel has turned a hatchback into a hybrid electric car. It uses the latest lithium ion batteries linked to a small petrol engine, which cuts in automatically if more power or range is required.

Dennis said: 'More than 90 per cent of all car journeys are less than 50 miles long. That is the range of the battery and it can be charged up overnight from a domestic power socket. Longer journeys are possible with the aid of the economical petrol engine.'

It is predicted that cars may eventually be powered by hydrogen or fuel-cells when global oil reserves run out. This three-year project represents a vital stage in the development process towards new fuels. Dennis' work centres on making the various systems and components work together as efficiently and effectively as possible.

Dr Suleiman Abu-Sharkh, who is supervising the work, said: 'This new technology has many advantages in terms of energy use, safety, pollution and noise. We hope to find partners in the automotive industry to develop these sustainable transport ideas further or perhaps a local garage which is interested in getting involved.'

The car has already been displayed at the Winchester Alternative Transport Day and the Environmental Show at Brockenhurst College. Dennis plans to take part in an alternative vehicle race around Germany this summer to test the reliability of the technology and promote engineering.

A former member of staff has made a significant contribution to cancer research at the University by raising over £30,000 for a research laboratory. Tina Wellman, who worked in the Travel Centre in the 1990s, has been fundraising since her husband Dave died of the disease three years ago. Her efforts have now been recognized with a special plaque in the new Somers Cancer Sciences Building at the General. Tina said: 'I'm just so proud that Dave's name is finally being acknowledged and that the money raised is doing some good in helping save more lives.'

Tina set up the Dave Wellman Trust in 1999 and has since held summer balls to raise money--enlisting the help of celebrities such as Matt le Tissier and Francis Benali. This year's ball will be held at the Botleigh Grange Hotel on Saturday 6 September, with proceeds going to cancer sciences research at the University, as well as to the Wessex Cancer Trust and to Countess Mountbatten House. For tickets or to donate a tombola or auction item, contact Tina on (023) 8025 3583 or 07802 711219. Tina is also planning a ladies lunch and a golf day to raise more money. 'I am passionate about raising money for cancer research,' she said. 'My husband Dave had so much help from Professor Johnson (head of cancer research) and that really kept me going and helped me cope.'
