

**The genetic  
key to diabetes**

**Olympic ambitions**

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confusion**

**Applying  
the Nelson  
touch to today's  
leaders**

# Announcements

## **Lord Alexander of Weedon 1936-2005**

The University's Chancellor Lord Alexander of Weedon died on 6 November following a long illness. Bob Alexander became a very well known barrister and later Chairman of the NatWest Bank. He was installed as Chancellor of the University of Exeter in October 1998 and was enormously successful and influential in that post. He was fascinated by the dilemmas and problems of running a university and devoted himself to finding out, in detail, what was going on and, crucially, how staff and students felt about their institution. He served as a sounding board for senior management, and as a passionate advocate for the interests of students.

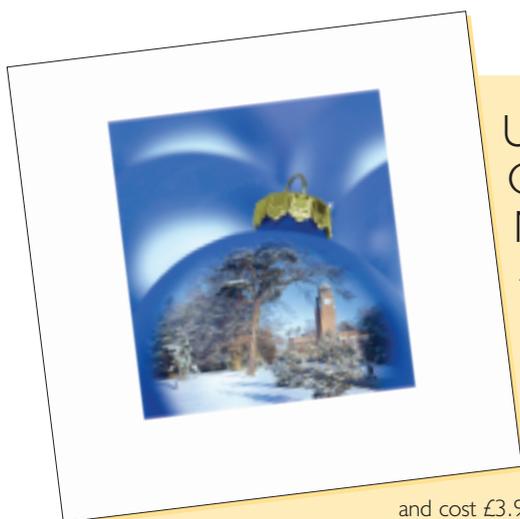
## **Professor Ted Wragg 1938-2005**

Ted Wragg suffered a cardiac arrest while out running and died on 10 November. During his 34 years at St Luke's, Ted Wragg secured millions of pounds worth of research projects and wrote 800 academic articles and 50 books. He made many important contributions to UK education policy, a fact recognised by the award of five honorary degrees. Ted was not only a world class academic, but he was also the life and soul of the University. He had the respect of

teachers, of academics, of policymakers and the media. He cared passionately about children and it angered him when people tried to write them off at an early age. Ted was very much against pomp and circumstance and was a prolific commentator on education matters in newspapers, radio and television. It is hard to think of a more influential or more popular figure in the field of education.

**Professor Michael Winter**, of the School of Geography, Archaeology and Earth Resources, has received an OBE. He is Director of the Centre for Rural Research, a Board member of the Countryside Agency, Chair of the South West Rural Affairs Forum, Chair of the Devon Rural Network, and Vice-Chair of the Hatherleigh Area Project.

**Deputy Vice-Chancellor Professor Roger Kain**, of the School of Geography, Archaeology and Earth Resources, has received a CBE. He is a Fellow of the British Academy and also its Vice-President and Treasurer, and a Fellow of University College London.



## UNIVERSITY CHRISTMAS CARDS NOW ON SALE!

The 2005 University Christmas cards are now on sale. Designed by Delphine Jones in the Design and Publications Office, the card depicts a wintery scene of Northcote House in a Christmas tree bauble.

The cards are sold in packs of ten and cost £3.95 per pack (or £3.50 per pack for purchases of ten packs or more). Cards can be bought at the following locations:

- Reception Northcote House
- Room 210 Northcote House (via Catherine Pierce)
- Streatham campus supermarket
- St Luke's campus supermarket

**All profit goes to the Exeter University Foundation.**

COVER PICTURE *Professor Andrew Hattersley of the Peninsula Medical School examines a diabetes patient. The work of Professor Hattersley and his team has earned the University a third Queen's Anniversary Prize. For full story see page eight.*

# Editorial

Welcome to Exeter News, the new University magazine for staff, alumni and supporters.

Exeter News is an amalgamation of three previous publications – the staff magazine Extra, the alumni magazine Expression and the supporters' newsletter Ex Gratia. By merging these publications we can:

- 1 Produce a bigger and hopefully better publication for about the same cost. Exeter News is 50% bigger than Extra, a third bigger than Expression and six times bigger than Ex Gratia.
- 2 Give readers a wider view of teaching, research, fund raising, sporting developments, alumni activities, Guild goings-on and events.

However, we recognise that our different audiences do have slightly different interests, so there are staff and alumni/donors editions of the magazine each with a different centre section.

Exeter News will be published twice a year. The next edition is due out in June.

## **Golden Jubilee**

This year is of course the University's Golden Jubilee. One of the most exciting Jubilee events takes place on Wednesday 21 December with a firework display in the city centre sponsored by the Princesshay development. The event marks 50 years to the day since the award of the Charter which turned the University College of the South West into the University of Exeter. Alumni from 1950-60 have been invited back to process through the streets prior to the start of the display. Staff and alumni from other years are also very welcome to attend. The fireworks will be fired from the roof of Debenhams at 7.30pm.

For further details see:  
[www.exeter.ac.uk/goldenjubilee/](http://www.exeter.ac.uk/goldenjubilee/)

Exeter news is edited by Stuart Franklin (Head of Press and PR), with contributions from Karen Lippoldt (Alumni Officer) and Jill Baines (Development Officer).

Design and production by the Design and Publications Office.

The University's Golden Jubilee celebration got off to a glittering start with the Exeter Stars dinner on 1 October.



# Starry, starry night

The Exeter Stars Dinner was held to celebrate the contribution made to the University by the many alumni who have given to the Golden Anniversary Fund and other money raising initiatives. More than 1,800 alumni have so far contributed to the Fund which has exceeded its target of £500,000. The money has been used for a wide range of purposes, including equipment for disabled students, 50 new computers for the Library, scholarships, and grants for students to attend national and international conferences. It has been so successful that the initiative is continuing this year under the new name of the Annual Fund.

Also present at the dinner were a number of high profile alumni and honorary graduates, including the former Governor of the Bank of England Lord George, the chef Michael Caines and the Polar explorer Pen Hadow. The event saw the launch of *A Brief History of the University of Exeter*, a special commemorative publication for the Jubilee year. See page 16.

In his speech to the 200 guests the Vice-Chancellor Professor Steve Smith said that the Jubilee celebrated not just 50 years of the University of Exeter but 150 years of higher education development in the city. That process had begun in 1855 with the creation of the School of Art in Exeter, then a School of Science in 1863, Exeter Technical and University Extension College in 1893, the Royal Albert Memorial College in 1900 and the University College of the

South West in 1922. Each stage of development was the result of the efforts of many determined men and women who in their time were determined to push higher education in Exeter on to the next level.

Said Professor Smith: 'If you want an analogy, then think of a relay race. But a relay race lasting 150 years and with thousands of runners. The baton has now passed to us. We're in the race. The question is: how far and how fast can we go?' Professor Smith paid tribute to the vision of important people in the University's development. These include Sir Stafford Northcote, who founded the Schools of Art and Science, Jessie Montgomery, who created the plan for the University Extension College, and Hector Hetherington, the College Principal in the 1920s who secured for the aspirant University the Streatham Estate.

In the 1920s and 1930s, benefactors were vitally important to enable the College to grow. Among these benefactors were Alderman Reed, Henry Lopes, Helen Hope, Evelyn Mardon, Washington Singer, and C V Thomas. Their names live on in the buildings their donations made possible.

Professor Smith said that in the 1960s, 70s and 80s, universities had become too dependent on State funding and had paid the price as their fortunes waxed and waned in line with different governments' education policies. In 2005, successful universities needed support from alumni and other donors to be successful.





# Common law confusion

Six out of ten cohabiting couples think they're in a common law marriage which offers them the same rights as if they were actually man and wife. But the concept hasn't existed in English law since 1753. Is it any wonder they're confused when the law sometimes treats people as if they were actually married and sometimes as completely separate?

**M**ore and more couples are choosing to cohabit and more than a quarter of all children are born to cohabiting parents. The fact that so many of these couples are confused about their legal rights is, then, a serious problem. The extent of the confusion and the issues surrounding it have now been revealed for the first time by a team led by Professor Anne Barlow in the School of Law.

She said: 'It's very surprising that a notion of common law marriage has survived after so long and that it's still so widely held to be true. It still exists in some countries, such as certain parts of the USA and Canada, but it has been long dead in England and Wales.'

Part of the confusion is undoubtedly caused by the law treating people who cohabit in different ways in different contexts. Married and cohabiting couples are treated exactly the same when it comes to social security. Both, for example, are entitled to Child Tax Credits if they have a child and are treated as married when claiming means-tested benefits. But with important issues like inheritance and state pensions, cohabiting couples are likely to get a much worse deal or nothing. Similarly, when relationships break down, cohabiting couples do not get the family law remedies designed to protect family members on divorce. They are dependant instead on property law which largely ignores the family relationship. It affects not only what adults do, but what standard of living their children can expect if their parents' relationship ends through separation or death.

Added Professor Barlow: 'If you're married and you get divorced then you are entitled to maintenance and some redistribution of family assets in appropriate circumstances. If you're cohabiting you aren't entitled to anything, except for the children if you have any. There is a similar problem with inheritance when one partner dies. If you're married

your partner automatically inherits all or most of the property if you do not leave a will. If you're cohabiting, you have no will and the property is in your partner's name, then you get nothing. Even if the property is in joint names then you may well only get to keep your half with the remainder going to your deceased partner's family.'

The evidence is that cohabiting couples don't look into these issues and blithely assume that if the relationship breaks up they will be looked after by the law as if they were married. So seriously is the research being taken that the Law Commission has begun a study to see if the law needs to be changed to give cohabiting couples more protection. It is due to report in 2007. In the meantime the Department for Constitutional Affairs has set up a website to advise couples on their rights. Called the Living Together Campaign it can be found at:

[www.advicenow.org](http://www.advicenow.org)

The research also discovered some interesting things about why people choose to cohabit rather than get married. The social stigma attached to 'living in sin' appears to have disappeared altogether and whether people cohabit or marry is seen as a lifestyle choice. Often, though, people cohabit as a trial for marriage later on. Getting married is seen as having an opportunity cost with some people saying they would prefer to spend the money on a new car or a conservatory rather than a wedding. In addition, inability to afford a 'proper' wedding with all the cost that implies was ironically found to be a key reason why people were cohabiting rather than marrying. Simple Register Office weddings with a few guests was not something to be countenanced by the majority who planned to marry. Their focus was the desire for a social symbol rather than any need for legal protection.

The project was funded by the Nuffield Foundation.



Two hundred years after his death Lord Nelson is an iconic British hero. Can today's leaders learn anything from his life and career?

# The Nelson touch

**N**elson fan and Director of Exeter's Centre for Leadership Studies Jonathan Gosling has co-authored a new book which looks at how the great seaman led his sailors to success after success. He believes there are ten leadership lessons to be drawn from Nelson's life.

**Lesson 1:** Why be a leader? Simple. Nelson wanted to be the top man in his field and he believed he could do it better than anyone else.

**Lesson 2:** Can you succeed if you're not an expert in the particular field you're working in? Nelson was the ultimate professional, having begun his training whilst still a boy and assuming command in his teens. It's more difficult to carry people along with you if you're not one of them.

**Lesson 3:** Can you make the jump from middle to senior management? The Royal Navy of Nelson's time was extremely good at training lieutenants and captains, but admirals had to find their own way. This is just as true today for leaders of big organisations. Although Nelson was an avid reader of books on naval tactics, big fleet actions were few and far between.

**Lesson 4:** Leading from the front. Nelson was almost fanatical about this, losing various bodily parts in the process. When his ships were under fire and bearing down on the French, ratings were allowed to get under cover but officers were expected to stand up and take their chances. As well as tremendous physical courage, Nelson also had a great deal of moral and mental courage.

**Lesson 5:** Don't compromise. In these days of work-life balance, the reality might be that you are more likely to succeed as a leader if you are single-minded about your objectives. This was certainly the case for Nelson, but it also extended into his private life with his affair with Emma Hamilton.

**Lesson 6:** Teamwork. A great deal has been written about Nelson's devoted sea captains, known as his 'band of brothers.' This was certainly true at the Battle of the Nile in 1798 where he had brought on a group of captains who were at the peak of their powers and with whom he had a real bond. By the time of Trafalgar he had a much larger fleet and shared that bond with only a few others. However, they communicated his orders and spirit to the other officers. This is similar to large organisations today.

**Lesson 7:** Trust. When Nelson's captains disappeared over the horizon he had to trust them to do things as he wanted. Despite email and other modern forms of communication today, leaders of multinational organisations have to rely on their managers to get the job done.

**Lesson 8:** Leading and managing. There is a cliché which says that leaders change things and managers sustain things. Nelson did both. He was a great strategist, but he also spent a great deal of time trying to make sure his sailors had the right food and equipment. He was once lampooned for talking about the supply of cabbages in the House of Lords, although the point he was making was that dockyard corruption was preventing proper supply of foodstuffs to the navy. Respected leaders today are often diligent about the detail as well as the bigger picture.

**Lesson 9:** Why should others follow you? It's not just because it says so in your contract. There is no set formula for doing this, but you have to inspire people and make them believe in you. Nelson was a master at this.

**Lesson 10:** What's your legacy? Great leaders are usually very good at articulating how actions taken now will lead to longer term and wider benefits.

*Nelson's Way: Leadership Lessons from the Great Commander* is published by Nicholas Brealey Publishing.

# Rethinking working class 'drop out' from university

**W**orking class 'drop out' from university isn't the disaster it is usually thought to be, according to a new report by an Exeter researcher.

Reducing the number of students who drop out from their courses, particularly from post-1992 universities, is a major concern of policymakers. Exeter has one of the lowest drop-out rates in the country.

Dr Jocey Quinn, of the School of Education and Lifelong Learning, found that students usually had sound reasons for dropping out and nearly all of them intended to return to education. However, universities were not set up to encourage

the flexible learning opportunities that would allow people to come and go.

Said Dr Quinn: 'So-called university drop-outs are often portrayed as a total loss to education, but that simply isn't the case. In many ways these young people are ahead of the policymakers in demanding a much more flexible system than we have at present. In other countries, such as Germany, longer periods of non-study are allowed before a student is deemed to have dropped out.'

The research also found that the constant emphasis on dropping out by the media and policymakers could become a self fulfilling prophecy,

colouring the way young people view higher education. On the whole, universities did not encourage students to change courses, go part-time or drop out. A wide range of stakeholders were also questioned about their perspectives on the issue, including university staff, employers, employment agencies and representatives of local communities.

The research was conducted with colleagues from the University of Staffordshire and funded by the Joseph Rowntree Foundation. Students were interviewed at four post-1992 universities in England, Scotland, Wales and Northern Ireland.

## Top awards for stargazing duo

**T**wo Exeter astrophysicists have been named amongst the brightest and best young researchers in Europe.

Dr Matthew Bate has won a prestigious award worth around £800,000 to create a world-class research team which will investigate how planets and stars form. Dr Bate beat more than 500 applicants from across Europe to win one of the 25 European Young Investigator Awards, which are given to help outstanding scientists carry out cutting edge research. By using computer simulations the group will expand their work modelling the birth of groups of stars in clouds of gas and dust light-years across,

and study how young planets evolve as they are assembled in the discs of gas and dust around newly born stars.

Dr Andy Bunker has won a £50,000 Philip Leverhulme Prize, one of just 20 awarded each year to young researchers whose work is already of international quality. He has developed techniques using the Hubble Space Telescope and the largest telescopes on the ground to discover the most distant objects yet seen in the universe. These are about 12 thousand million years away – so light has been travelling more than twice the Earth's age to reach us.

## Sea temperature threat to coral reefs

**H**alf of the Caribbean's coral reefs could be in imminent danger of destruction according to research by an Exeter scientist. Unprecedented rises in sea temperature in eastern parts of the Caribbean have been observed which Dr Peter Mumby and colleagues believe will cause massive damage to reef ecosystems in Puerto Rico and the US Virgin Islands. Increases in sea temperature cause the microscopic algae which live inside the coral to be damaged, causing the animal to lose its colour and 'bleach' white. If the temperature stays high for long enough the coral is killed.

Dr Mumby, of the School of Biosciences, said: 'It's too early to tell how much

damage has been done but the last time we witnessed an event on such a large scale vast areas were unable to recover and a quarter of the world's coral was lost.'

Dr Mumby and his team are leading an international effort to create a satellite system to monitor these changes from space by observing colour changes taking place underwater. The project, funded with a contribution of \$14 million from the Global Environmental Facility and World Bank, is the largest research initiative ever undertaken on coral reefs. Scientists from the University of Exeter are collaborating with the US National Oceanic and Atmospheric Administration.

## Mum's the word – birdsongs are nurture not nature

**E**xeter biologists have discovered that some birds learn the calls that help them recognise their family – instead of inheriting them. Previously it was thought that avian calls were genetically determined, but Dr Andrew McGowan, who is based at the Tremough Campus in Penryn, has found that it's nurture not nature that helps chicks identify their kin. Dr McGowan and colleagues at the University of Sheffield looked at 24 long-tailed tit nests in woods just outside Doncaster. They colour marked chicks and swapped half of the brood from their parents' nest with half of the brood of unrelated birds. The next breeding season researchers went back to the woods. They found chicks that had been swapped adopted the calls of their foster family, and not their biological parents, leading to the conclusion that these birds had learned their calls rather than inheriting them. The results were published in the prestigious journal *Nature*.



# Fun and it does you good

Having to jump through hoops and climb over the backs of fellow freshers might not sound like the ideal start to student life. But over 1,000 first years have done just that – and claim to have enjoyed the experience.

**A** growing number of first years are taking part in special induction events early on in their first term. These involve a number of exercises and presentations which help them get to know one another faster and to develop skills like team work and problem solving. It also links to personal development planning which encourages students to think about how to get the most out of their course and a job at the end of it.

University Learning and Teaching Adviser Liz Dunne said: 'The team development programme started off in a small way but has grown each year as more and more of the University's academic schools come on board. Next year we hope to involve the entire the first year.' The Exeter University Foundation helped to support this event following a generous donation from the AF Trust.



Pioneering work to transform the treatment of hundreds of diabetes patients has earned the University its third Queen's Anniversary Prize.

# The genetic

**S**cientists are in the business of making discoveries. But Andrew Hattersley, of the Peninsula Medical School, has turned his discoveries into treatments and trained healthcare staff to use them.

He and his staff at the Diabetes Genetics Centre have discovered new diabetes-causing genes and then used that knowledge to directly improve patient care.

Professor Hattersley's field of expertise centres on diabetes caused by a change in a single gene known as "monogenic diabetes". Less common than Type 1 and Type 2 diabetes, which affects 200 million people around the world, it nevertheless affects up to 50,000 people in the UK alone. Often patients have received an incorrect diagnosis and treatment. Many sufferers are babies or children and the requirement for daily injections of insulin and the difficulties of stabilising diabetes in the very young have a serious effect on their quality of life. Professor Hattersley and his team have worked to understand the precise genetic mutations which cause the disease in individual patients and found that this can have a marked effect on the type of treatment required.

In particular, the Centre's work showed that drugs which are effective in patients with the normal form of Type 2 diabetes could be four times more effective in patients with the most common genetic form of monogenic diabetes. This discovery has released hundreds of patients from the need to inject insulin. They have been able to transfer from injections to tablets even after many years of injecting. Similarly, some patients, diagnosed with diabetes in the first six months of life who produce very little insulin, can be treated with sulphonylurea tablets instead of insulin injections. The transfer from injections has transformed the lives of these patients and their families who can now avoid blood sugar values that are both too high and too low.

One mother of a diabetic child, Emma Neighbour, said: 'He'd gone from a child who was either completely manic because his sugars were through the roof or lethargic and grumpy because he was having a hypo, to a normal child. I really can't believe it ... It's made a huge difference.'

Patient Mary Lee said: 'I refer to it as the best blood test I ever had – the one that was to liberate me from the restraints of insulin injections. After 27 years of insulin



# key to diabetes

injections I began to take tablets instead. The benefits have been quite profound – it's so much easier to take tablets rather than having to inject with all the inconvenience and discomfort that it used to entail and eating out, once dictated by when I last had my insulin, is now always a pleasure.'

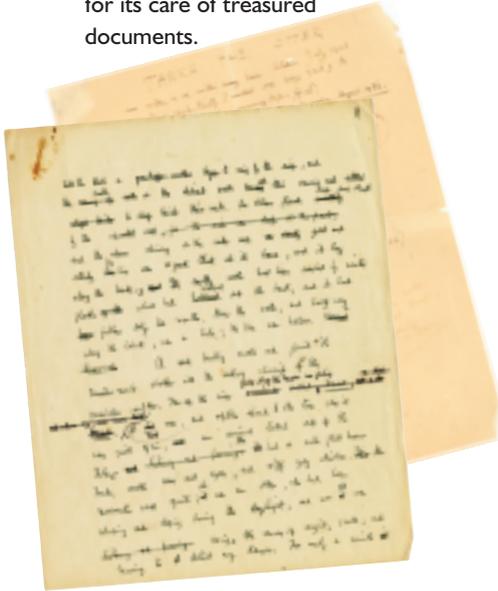
As the genetic subtypes of diabetes were unknown until the 1990s, integrating this new genetic knowledge into clinical care is a major educational problem. Most healthcare professionals have had little or no training in genetics. In order to increase the recognition of patients with genetic subtypes of diabetes and provide appropriate treatment, Professor Hattersley and colleagues have launched a variety of educational initiatives. These include a website for patients and healthcare professionals ([www.diabetesgenes.org](http://www.diabetesgenes.org)) and educational programmes for doctors and nurses. Most importantly, with funding from the Department of Health, Maggie Shepherd, the lead research nurse, and Dr Sian Ellard, who runs the laboratory testing, have set up an innovative programme to train diabetes specialist nurses throughout the UK in genetic diabetes. The nurses then act as regional coordinators for the education and management of patients.

Future work, for which funding has already been obtained, will support major new initiatives. The Centre will continue its studies in monogenic diabetes including identifying new genetic subtypes of diabetes and the development of individualised treatment based on the gene that is mutated and the characteristics of this mutation. A major future challenge is to define the genetic susceptibility to Type 2 diabetes, the commonest form of diabetes, and to use this information to improve both treatment and prevention. This will only be achieved if studies can be performed with a large enough sample size to enable the multiple genetic components to be defined. The Centre has collaborated with colleagues in Oxford, Imperial College, Queen Elizabeth College, London, Cambridge and Newcastle to establish a unique collection of DNA from patients with diabetes and has played a central role in collaborations both within the UK and internationally.

This trailblazing work is important because it points to the next phase of medicine. Rather than trying to define what is best for a group of patients with a condition such as diabetes it becomes important to subdivide this group so that doctors can make a more individualised choice on medicines that are best for each individual patient.

## 'Weedkiller no good –suggest cyanide'

The University has joined only a handful of academic institutions to be recognised by The National Archives for its care of treasured documents.



Part of the Library, the University archive is made up of more than 280 different collections of material. These include a set of twelve priceless medieval manuscripts deposited by Syon Abbey and the UK's largest public collection of papers from writers associated with the South West, including original handwritten manuscripts from Henry Williamson's *Tarka the Otter* and Daphne du Maurier's *Rebecca*. One of the most entertaining items in the archives is a letter from Agatha Christie to her literary agent written in 1949, advising on a choice of poison, her most common murder weapon: 'Everyone knows the symptoms of weedkiller far too well – death after hours or days of vomiting etc. Suggest cyanide. Miss M[arple] always had it handy for wasps' nests (right time of year).'

Dr Jessica Gardner, the Library's Head of Special Collections, said: 'Exeter's quality of archival care has met with the approval of the highest authority in the UK, the National Archives. This outstanding external recognition has been achieved in a very short space of time, about five years, and is a tribute to the University Librarian's vision and the sheer hard work and professionalism of the Special Collections team, of which I am rightly proud.'

Approval status from The National Archives will give donors and funding bodies external assurance of the very high standard of archival care at Exeter and this will boost the University's ability to attract new research collections and the funding to make them accessible to all.

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## Devon disaster inspires University playwright

An infamous Devon disaster in which an entire village was suddenly washed away by the sea has inspired a new play by University Drama lecturer William Stanton.

His play *Foul Tide* was inspired by the plight of villagers in Hallsands who campaigned unsuccessfully to prevent the excavation of shingle from their foreshore to make concrete for the extension of Devonport Dockyard in the period leading up to World War I. After 650,000 tons of shingle had been

removed, the entire village was destroyed in a violent storm.

Mr Stanton, who is a lecturer in the School of Performance Arts, said: 'I was fascinated by the story of Hallsands, but my play isn't intended to be a faithful chronicle of those events. Rather I wanted to examine the issues they raise, of greed and helplessness, and what is sometimes sacrificed to the perceived greater good, in this case national security.'

*Foul Tide* won the prize of runner-up in the Kings Cross New Writing Award at the Courtyard Theatre in London. It was selected from a total entry of almost 300 plays by writers across Britain and Ireland. The Courtyard Theatre will now look to stage *Foul Tide* as a co-production with another company and, because of the Devon connection, they will begin by approaching venues in the Westcountry.

Mr Stanton writes plays for radio as well as for the stage.

## 'Iraqi' scholarships boost widening access efforts

SIXTY new students at the University of Exeter have each received a £1,000 bursary thanks to the generosity of an Iraqi businessman who has made the UK his home.

Mr Naim Dangoor came to England from Iraq more than 70 years ago to study engineering. He settled here in the 1960s and decided to give something back to the country that befriended him. This year he donated £1 million to be shared amongst members of the 1994 Group of universities, to which Exeter belongs. Exeter's Vice-Chancellor Professor Steve

Smith said: 'Thanks to Naim Dangoor, 60 students have received financial assistance, enabling them to study at the University of Exeter. In keeping with Mr Dangoor's mission to help all students get a fresh start in life, these awards have been made to people who might not have thought of coming to university at all. Many have come from families where there is no history of school leavers going on to higher education.'

Mr Dangoor decided that all universities in the 1994 Group should receive scholarships to help incoming first year

students. As a result, one thousand awards of £1,000 each have been made this month. As one of the most popular universities in the UK, Exeter received about nine applications for every new undergraduate place this year. Competition for scholarships was tough, with the Dangoor family making the final decision on scholarship applications.

The 1994 Group of universities are 16 research-led institutions of international standing. A ceremony hosted by Professor Smith, was held on 12 October to celebrate the awards.

# A new way of thinking for Hospitality Services



A quiet revolution has been taking place in the University's catering, cleaning, portering, security and accommodation services.

**H**ospitality Services is big business. It has over 600 staff and a turnover of £25 million. It's there to run high quality services for University staff and students and to do the same for a variety of external customers. Break-even budgets are operated for accommodation services for students and portering and cleaning. The rest is expected to make a profit which is used to support the University's core activities. When the new Director Simon Malloy arrived in October 2004, Hospitality Services was making a loss. It now makes a profit of £500,000 and the aim is to significantly improve on this as the business develops.

To support greater profitability, Mr Malloy has put into action measures to improve Hospitality Services' performance in five key areas. These are financial awareness, customer focus, leadership, staff development and communication.

The biggest single change has been in financial awareness. Managers are now given monthly trading figures for their part of the business showing actual results against targets. This has been backed up by training.

Said Mr Malloy: 'Better is good (obviously!) but when the monthly figures are worse than expected managers are now in a position to first of all know this is the case and secondly to decide what can be done to bring things back on track. Managers are also expected to let their teams know how things are doing.'

It's not just the way that staff do business that is changing. Hospitality Services has also signalled major future changes to the services themselves. These are contained in its new Strategy Plan and cover retail and residential services, security and facilities management, commercial venues, and sales and marketing. Many parts of the plan have not yet become official University policy, but are designed to flag up areas needing improvement and potential solutions.

Possible future changes to retail services focus on the operation of Cornwall House and Devonshire House, retail shops, and external commercial catering contracts like Devon County Show and Haldon racecourse. Changes have already been brought in to Cornwall House where a private

company, Scolarest, has been given a contract to operate some of the catering services in return for an investment of £150,000 in facilities.

Devonshire House is due for refurbishment next summer and a review of customer use of the building is to be undertaken before plans are finalised. Access to and around the building will be a key issue as will 'back of house' facilities, particularly the main kitchen which is in need of modernisation.

Retail shops operated by Hospitality Services are, in the main, profitable but need better branding and a wider range of 'grab and go' food sales. A longer-term plan is to review the selection of shops on campus. Is there demand for a chemist or a hairdressers, for example? To expand services it might be necessary to build a new shopping centre, perhaps by adding an additional storey to the existing row of shops which would be accessible from Devonshire House.

Commercial catering activities are profitable, but are expected to be much more profitable in the future. Some detailed analysis is to be undertaken to decide whether commercial contracts deliver enough profit to justify the time required to manage them.

Residential Services have also been subject to change, initially by merging the Northcote House and Cornwall House accommodation offices to provide improved customer focus and a one-stop shop for students. Meal packages in catered halls are to be the subject of review with a suggested reduction to 14 meals per week to include five breakfasts, two weekend brunches and seven suppers. This would reduce the problems of unpredictability caused by the voucher system whereby students in catered halls can lunch at any Hospitality Services outlet or hall. Students would become cash paying customers Monday to Friday lunchtimes.

A premises refurbishment programme is to be designed and future off-campus new build projects are likely to be with the help of third party developers who would design, build and finance residences to the University's specifications. This is similar to the arrangements already in place at King Edward's Studios. It would reduce the need for the University to borrow more money. The need for welfare provision in self-catering accommodation is also to be examined. At present catered halls have wardens,



but self-catering students don't enjoy the same level of support.

Conference activities are to be more thoroughly costed to improve profitability and thus increase the contribution they can make to subsidising student rents.

Security is another area for review with a suggestion on the table to move it to the edge of campus. When combined with a one-way system and allocated visitor parking, it would ensure that visitors can be better directed to where they need to go. An external review of portering and cleaning has been undertaken and suggests the University is overstaffed in these areas. A reduction in the number of staff is taking place, mainly through staff turnover.

In terms of commercial venues, Crossmead Conference Centre is being sold for housing development. Subject to planning permission, Thomas Hall is to be refurbished and developed as a five star residential conference centre. It will complement the University's existing conference trade. Reed Hall, which is in need of refurbishment, is to undergo a business evaluation study to see how it can best be developed.

*Is there demand for a chemist or a hairdressers, for example?*

# Grants: 04.05 - 09.05

The following externally funded grants and contracts have been reported in the period 1 April to 30 September 2005. This list is compiled by the Research Accounting Section.

- Professor JD Armstrong, School of Humanities and Social Sciences: £136,337 from European Commission (Global Governance, Regionalisation and Regulation: the Role of the EU (GARNET))
- Professor PB Ashwin, School of Engineering, Computer Science and Mathematics: £15,043 from Engineering and Physical Sciences Research Council (Workshop: Geometric Dynamics with Singularities)
- Dr SJ Aves, School of Biosciences: £2,000 from Genetics Society (Is a PIB-Type ATPase Involved in Copper Tolerance in *Mimulus guttatus*? (Vacation Studentship for James Pring))
- Dr A Barlow, School of Law: £4,729 from Economic and Social Research Council (Financial Management Practices in Non-Traditional Heterosexual Couples (Joint grant with School of Psychology, total value £47,293)); £4,200 from Nuffield Foundation (Community of Property: a Regime for England and Wales? [additional funds])
- Professor WL Barnes, School of Physics: £1,500 from Rank Prize Funds (New Resonant Optical Microstructures: the Fabrication and Characterisation of Novel Metal-Dielectric-Metal Layered Structures [Vacation Studentship for J.A.M. Tyler])
- Dr J Barry, School of Humanities and Social Sciences: £275,000 from Blavatisky Trust (Establishing a Chair in Western Esotericism); £78,716 from Institute of Historical Research (England's Past for Everyone); £29,333 from Victoria County History of Cornwall (England's Past for Everyone: Study Editor)
- Mr A Barton, Peninsula Medical School: £6,135 from Devon & Cornwall Safety Camera Partnership (Safety Camera Project [extension])
- Dr JC Bayo Julve, School of Modern Languages: £200 from British Academy (Calderon and the Cultural and Ideological Thinking of his Time - 14th Anglo-German Colloquium on Calderon)
- Dr C Bennetts, School of Education and Lifelong Learning: £18,000 from Esmeé Fairbairn Foundation (Adult Life Transformations)
- Dr A Bleakley, Peninsula Medical School: £10,000 from Arts Council of England (Ambiguous by Nature); £4,600 from National Audit Office (NAO's NHS Trust Team Self Review Follow Up)
- Professor J Bligh, Peninsula Medical School: £4,000 from Institute of Medical Ethics (Survey of Ethics in Undergraduate Medical Education)
- Dr J Blount, School of Biosciences: £196,179 from Royal Society (Royal Society Fellowship Award)
- Dr DA Bradley, School of Physics: with Professor CP Winlove £73,003 from DAART Foundation (The Microcirculation of the Intervertebral Disc: its Physiological Role and Involvement in Disease)
- Professor DC Braund, School of Humanities and Social Sciences: from British Academy (The Emergence of the Hellenistic Black Sea and Caucasus)
- Professor N Britten, Peninsula Medical School: £54,706 from Department of Health (Diabetes Care in the NHS in the 21st Century - the Role of the Consultant Diabetologist and Specialist Services)
- Dr AC Broderick, School of Biosciences: with Dr BJ Godley £97,140 from Department for International Development (OTEP Graduate Research Fellows: Building Capacity for Conservation)
- Professor AG Brown, School of Geography, Archaeology and Earth Resources: £202,664 from English Heritage (Predictive Modelling of Multi-Period Geoarchaeological Resources at a River Confluence [Phase I])
- Ms AF Busman, School of Psychology: £5,060 from Government Office South West (Women and Sentencing Options)
- Dr CB Burgoyne, School of Psychology: with Dr SJ Sonnenberg £42,564 from Economic and Social Research Council (Fabrication Management Practices in Non-Traditional Heterosexual Couples (Joint grant with School of Law, total value £47,293))
- Professor J Campbell, Peninsula Medical School: £177,858 from Department of Health (NCCRC CAM Award Studentship); £160,483 from University of Bristol (A Pragmatic Randomised Controlled Trial to Evaluate Exercise Prescription as a Treatment for Depression); £10,610 from Royal College of GPs (Tamar Faculty Administrator)
- Professor CJ Caseldine, School of Geography, Archaeology and Earth Resources: £5,442 from Exmoor National Park Authority (The Palaeoecological Potential of Exmoor's Moorlands)
- Dr D Castiglione, School of Humanities and Social Sciences: £14,112 from European Commission (New Modes of Governance (NEWGOV))
- Dr RJ Chapman, School of Engineering, Computer Science and Mathematics: with Professor KE Evans £55,569 from Government Communications Headquarters (Secondment of Academic to Heilbronn Institute for Mathematical Research)
- Dr ML Chatzisarantis, School of Sport and Health Sciences: £1,979 from Oxford Brookes University (The Impact of Schmidt's Teaching Method on Motivation to Study Statistics)
- Dr S Childs, School of Engineering, Computer Science and Mathematics: with Dr M Jenkins & Mr AT Alexander £67,044 from Momena & £32,000 from Amtek Precision Engineers Ltd (Knowledge Transfer Partnership with Amtek Precision Engineers Ltd); £9,000 from Society of British Aerospace (SBAC Process Excellence Project (Joint grant with School of Business and Economics, total value £18,000))
- Professor MC Cook, School of Modern Languages: £5,000 from British Academy (The Correspondence of Bernardin de Saint-Pierre, 1737-1814 [extension])
- Dr M Cramp, Peninsula Medical School: £5,000 from Plymouth Hospitals NHS Trust (Hepatology Research Group)
- Professor GRC Davie, School of Humanities and Social Sciences: £15,695 from The Leverhulme Trust (Religion in Britain and Europe: an External View)
- Dr BW Deacon, School of Humanities and Social Sciences: £76,927 from European Social Fund (Contrasting Migrations: Communities and Heritage in Cornwall)
- Dr A Dean, School of Education and Lifelong Learning: with Mr B Neild £4,272 from South East England Development Agency (Evaluation of Action 1 Activities for the Cultural Shift)
- Dr A Demaine, Peninsula Medical School: £16,500 from Plymouth Hospitals NHS Trust (Molecular and Cellular Basis for Renal Disease in Man); £26,247 from Plymouth Hospitals NHS Trust (The Role of Hypoxia-Inducible Factors in Renal Carcinoma in Man)
- Dr SJ Dixon, School of Sport and Health Sciences: £42,020 from Engineering and Physical Sciences Research Council (Engineering Sustainable Sports Surfaces: Investigating Human-Sport Surface Interactions)
- Dr M Duffy, School of Humanities and Social Sciences: £4,500 from Navy Records Society, £2,500 from Society for Nautical Research, & £30,000 from Oxford Maritime Trust (Naval History in Britain Project [extension])
- Dr MRT Dumper, School of Humanities and Social Sciences: £93,500 from International Development Research Centre (Conference, Book and Campaign on a Rights-based Approach to the Israeli-Palestine Conflict)
- Professor J Dupre, School of Humanities and Social Sciences: £3,000 from British Council (The Gene and its Legacy: Historical and Philosophical Issues in Genetics and Genomics)
- Dr P Eggleton, Peninsula Medical School: with Professor PG Winyard £30,500 from Arthritis Research Campaign (Identification of Mechanisms of Dysfunctional Apoptosis in SLE); £10,845 from LUPUS UK (Lupus Specialist Clinical Research Nurse); £8,650 from Northcott Devon Medical Foundation (Potential use of the Human Recombinant Protein Calreticulin as an Anti-Angiogenic Compound to Prevent Neovascularization and Tumour Spread)
- Professor E Ernst, Peninsula Medical School: £27,500 from Dr Willmar Schwabe GmbH & Co (Schwabe Research Assistant in Complementary Medicine [extension]); £10,000 from Peninsula Medical School Foundation (Light Box Research Assistant Interim Funding [extension])
- Professor KE Evans, School of Engineering, Computer Science and Mathematics: with Mr JR Wright £71,000 from University of Plymouth (Broadband4Devon (Work Package E)); with Dr L Savage £49,036 from Engineering and Physical Sciences Research Council (Auxetic Blast Protection Textiles - Crime Feasibility Study)
- Dr M Evans, School of Biosciences: £8,203 from International Fund for Animal Welfare (Cat Predation Impact on Small Mammal and Bird Populations (Studentship for MM MacLean) [extension])
- Dr RM Everson, School of Engineering, Computer Science and Mathematics: £134,088 from Momena & £64,000 from AI Corporation Limited (Knowledge Transfer Partnership with The AI Corporation Ltd); with Mr AT Alexander £67,044 from Momena & £32,000 from Lineal Software Solutions Limited (Knowledge Transfer Partnership with Lineal Software Solutions Ltd); £20,890 from Motorola Limited (CDMA/UMTS Performance Analysis [extension]) Dr NJ Ford, School of Geography, Archaeology and Earth Resources: £8,857 from Wellcome Trust (The Theorisation and Sexual and Reproductive Health Implications of Youth Sexual Lifestyles in Urban, Central Java, Indonesia [additional funds])
- Dr PJ Foster, School of Geography, Archaeology and Earth Resources: £117,327 from Momena & £36,000 from Mines Rescue Service Limited (Knowledge Transfer Partnership with Mines Rescue Service Ltd); £800 from Royal Academy of Engineering (International Travel Grant towards Visit to Australia)
- Dr P Foxall, Peninsula Medical School: £10,000 from NHSU (The Learning Journey) Dr T Frayling, Peninsula Medical School: with Professor A Hattersley £229,532 from Medical Research Council (Regulation of Fasting Glucose and Birth Weight: the Impact of Variation in the Glucokinase Gene)
- Dr P Frisco, School of Engineering, Computer Science and Mathematics: £5,000 from Nuffield Foundation (Cell-Modelling with Conforon-P Systems)
- Dr RM Fyfe, School of Geography, Archaeology and Earth Resources: £700 from Oxford Archaeology (Assessment of Pollen from Kings Lynn); £650 from Exeter City Council (Kents Cavern Pollen Analysis)
- Dr MH Gibson, School of English: £14,013 from Arts and Humanities Research Board (America's Witchcraft Myths: Culture and Gender Politics in the American Literature of Witchcraft)
- Dr AD Gilbert, School of Engineering, Computer Science and Mathematics: with Professor PB Ashwin & Professor J Thuburn £164,115 from Engineering and Physical Sciences Research Council (Mixing and Diffusion in Coherent Vortices)
- Mr NP Givens, School of Education and Lifelong Learning: £11,610 from Teacher Training Agency (Minority Ethnic Recruitment and Retention 2005/06)
- Professor HJ Glass, School of Geography, Archaeology and Earth Resources: £16,200 from Rio Tinto Technical Services Ltd (Sensor-based Sorting of Ores and Minerals [CASE Top-up for R Fitzpatrick])
- Dr BJ Godley, School of Biosciences: £178,822 from Department for Environment, Food and Rural Affairs (In Ivan's Wake: Darwin Initiative Biodiversity Action Plan for the Cayman Islands); £22,799 from European Social Fund (Understanding the Ecological Relationships between Jellyfish, Leatherback Turtles and Bottom-set Static Gear Fisheries in Cornwall); with Dr AC Broderick £10,000 from People's Trust for Endangered Species (Cape Verde Tracking Project)
- Dr K Gooding, Peninsula Medical School: £8,300 from Northcott Devon Medical Foundation (Development and Validation of an In Vitro Haemodynamic Model System)
- Professor JR Gosling, School of Business and Economics: with Dr R Bolden £95,000 from Leadership Foundation for Higher Education (Developing Collective Leadership Capability in Higher Education: Processes, Practices and Performance); with Dr R Bolden £27,000 from British Council (Insights into Leadership and the Processes of Developing Leaders Engaged in Working for Beneficial Social Change)
- Dr NJ Gutowski, Peninsula Medical School: £96,170 from Wellcome Trust (Wiring the Extra Ocular Muscles: Mechanisms Underlying Normal & Abnormal Innervation)
- Ms HA Hallam, Communication and Partnership: £79,600 from STEP Enterprise (STEP (Shell Technology Enterprises Programme) 2005)
- Dr HM Hanson, School of English: £14,013 from Arts and Humanities Research Board (Hollywood's Gothic Heroines: Gender and Genre 1940-2000); £400 from British Academy (South Atlantic Modern Language Association Annual Conference 2005)
- Dr AJ Harcourt, School of Humanities and Social Sciences: £58,564 from Economic and Social Research Council (Globalization, Regulatory Competition and Audiovisual Regulation in Five Countries)
- Professor A Hattersley, Peninsula Medical School: £46,000 from University of Washington (Research Sequencing of the MODY2, MODY3 and Kir6.2 Genes in Collaboration with the Research Study, SEARCH for Diabetes in Youth (Northwest Lipid Research Laboratories)); £7,500 from Royal Devon and Exeter Healthcare Trust (Support for Research [extension 2])
- Dr C Hauskeller, School of Humanities and Social Sciences: £500 from British Academy (International Society for the History, Philosophy and Social Studies of Biology Biannual Conference 2005)
- Dr MA Highton, School of Humanities and Social Sciences: £400 from British Academy (American Academy of Religion Annual Meeting 2005)
- Dr DJ Hodgson, School of Biosciences: £51,707 from Natural Environment Research Council (Predicting Population Dynamic Responses to Life Cycle Perturbations)
- Dr D Horrell, School of Humanities and Social Sciences: £300 from British Academy (Unity and Diversity in New Testament Ecclesiology: Third East-Western Symposium of European New Testament Scholars)
- Dr DW Horsell, School of Physics: £915 from Royal Society (Transport in Interacting and Disordered Systems II)
- Dr KS Howe, School of Geography, Archaeology and Earth Resources: £5,500 from Department for Environment, Food and Rural Affairs (Appraisal of Cost-Benefit Analyses for the DEFRA Animal Health and Welfare Strategy)
- Professor M Jackson, School of Humanities and Social Sciences: £11,522 from Wellcome Trust (Hans Selye and the Biology of Stress)
- Dr E Jones, School of English: £820 from Sussex Archaeological Society (The Hermits and Anchorites of Sussex)
- Professor R Jones, School of Physics: £210,349 from Engineering and Physical Sciences Research Council (Transfer Dopants for Wide Band Gap Semiconductors)
- Dr RCM Jones, Peninsula Medical School: £16,000 from Boehringer Ingelheim (Concordance in COPD Study [extension]); £5,623 from In 2 FOCUS (Funding for Research Assistant - COPD)
- Dr RT Jones, School of Geography, Archaeology and Earth Resources: £4,802 from Royal Society (The Development of Quantitative Climate Records for the Holocene in SW China)
- Dr E Kaminski, Peninsula Medical School: with Professor N Morgan £25,000 from Plymouth Hospitals NHS Trust (A Study of the Role of Interleukin-4 in Protecting Pancreatic Beta Cells from Apoptosis)
- Dr J Kearns, School of Modern Languages: £21,952 from The Leverhulme Trust (Critical Edition of Theophile Gautier, Salon de 1848, Salon de 1849)
- Dr AC King, School of Humanities and Social Sciences: £46,640 from Economic & Social Research Council (Europe's Rapid Reaction Forces: an Institutional & Interactional Sociology)
- Dr L V Knight, Peninsula Medical School: £12,000 from Nuffield Foundation (Personal Epistemologies and Approaches to Learning: a Longitudinal Study)
- Dr W Kuyken, School of Psychology: with Dr ER Watkins £217,640 from Medical Research Council (TP80 Trial Platform: Preventing Depression Relapse in NHS Practice Using MBCT (Joint grant with School of Engineering, Computer Science and Mathematics, total value £217,640))
- Dr HTO Lambert, School of Law: £5,602 from Nuffield Foundation (Judicial Attitudes to Asylum in France and the United Kingdom)

Please note. With multiple grant holder grants the amount quoted is the sum of individual grant holder awards. In all other cases the amount quoted is the individual sponsor award.

# Grants: 04.05 - 09.05 CONTINUED

Professor HM Lappin-Scott, School of Biosciences: £15,000 from Schlumberger Cambridge Research Ltd (Persistence, Bioremediation and Fate of Undefined Complex Hydrocarbons in the Environment); with Dr PJ Mumby & Dr SK Burton £1,676 from Society for General Microbiology (Coral Pathogen Control by Bacterial Community Constituents [Vacation Studentship for Verity Hockey])

Professor JA Littlechild, School of Biosciences: £202,240 from Biotechnology and Biological Sciences Research Councils (Baeyer-Villiger Enzymes and Application in Biotransformations); £187,814 from Engineering and Physical Sciences Research Council (HighThroughput Biocatalytic Synthesis and Screening in Micro Reactors); £11,700 from Chirotech Technology Ltd (Optimisation of the Use of Thermophilic Alcohol Dehydrogenase Enzymes [CASE Award Top-Up for S Willies])

Dr M Loble, School of Geography, Archaeology and Earth Resources: with Dr AJ Butler £4,357 from Duchy College (Rural Progress: Evaluation Data Analysis and Report)

Rev AHB Logan, School of Humanities and Social Sciences: £14,013 from Arts and Humanities Research Board (Early Christian Communities in Rome and their Burial Sites)

Professor S Logan, Peninsula Medical School: £105,052 from Peninsula Medical School Foundation (Preventing Obesity in Children)

Dr RM Loukes, School of Performance Arts: £2,967 from Arts and Humanities Research Board (Charlotte Selver (1901-2003) and Sensory Awareness: Her Legacy in Training and Performance)

Dr J Love, School of Biosciences: £1,400 from Nuffield Trust (Endogenous 3' UTRs as Transgene Terminator Sequences in Arabidopsis Thaliana)

Dr KM Macleod, Peninsula Medical School: £54,731 from Department of Health (Diabetes Care in the NHS in the 21st Century)

Dr B Maiguashca, School of Humanities and Social Sciences: £14,112 from Economic and Social Research Council (Making Feminist Sense of 'The Anti Globalisation Movement')

Dr JA Mark, School of Humanities and Social Sciences: £1,900 from British Academy (Remembering Communism)

Dr RS Maull, School of Business and Economics: with Dr A Smart £9,000 from Society of British Aerospace (SBAC Process Excellence Project (Joint grant with School of Engineering, Computer Science and Mathematics, total value

Professor VA Maxfield, School of Geography, Archaeology and Earth Resources: £5,595 from British Academy (Mons Porphyrites Post-Excavation Project)

Dr JL Melling, School of Humanities and Social Sciences: £19,182 from Wellcome Trust (MA in Medicine, Occupation and Health in Historical Perspective (Studentship for Ms Hannah Newton))

Mr DL Millar, School of Geography, Archaeology and Earth Resources: with Mr NA Wood £316,242 from Sea Fish Industry Authority (Bio-Fuels for the Fishing Industry)

Professor S Mitchell, School of Humanities and Social Sciences: £2,000 from Arts and Humanities Research Board (Funding for Annual Meeting of UK Postgraduates in Ancient History (AMPAH 2006))

Professor N Morgan, Peninsula Medical School: £93,468 from Wellcome Trust (Cellular Pharmacology of the Newly Discovered Endogenous Imidazole Receptor Ligand, Imidazole 4-Acetic Ribotide, in the Endocrine Pancreas); £4,250 from Plymouth Hospitals NHS Trust (Regulation of Pancreatic Beta Cell Viability)

Dr PJ Mumby, School of Biosciences: £106,652 from Resources for the Future (The Impact of Climate Change on Coral Reef Ecosystem Services); £85,568 from University of Queensland (Coral Reef Targeted Research and Capacity Building for Management); £28,074 from University of Queensland (Monitoring Reefs Cost-Effectively and Enhancing the Use of Habitat Maps for Managing Biodiversity); £16,628 from Wildlife Conservation Society (GIS Database in Belize [Year 3 funding]); £7,692 from University of Queensland (Coral Reef Targeted Research and Capacity Building for Management [additional funds])

Professor DA Myhill, School of Education and Lifelong Learning: £26,032 from Teacher Training Agency (Developing Effective Quality Assurance Procedures for ITT in Schools)

Ms PTS Nash, School of Humanities and Social Sciences: £15,000 from Childrens Hospice SW (Diversity)

Professor T Naylor, School of Physics: £94,472 from Particle Physics and Astronomy Research Council (eSTAR: Grid Enabled Telescopes - Exeter Component)

Mr B Neild, School of Education and Lifelong Learning: £225,000 from South West Regional Development Agency, £30,000 from Learning & Skills Development Agency, & £60,000 from Learning & Skills Council (SWESA, Research and Knowledge [Match Funding]); £257,727 from European Social Fund (SWESA - Research and Knowledge); £60,798 from European Social Fund & £35,000 from South West Regional Development Agency (SW Opportunities for Older People (SWOOP) - Action 1)

Dr MA O'Malley, School of Humanities and Social Sciences: £500 from British Academy (International Society for the History, Philosophy and Social Studies of Biology Biannual Conference 2005)

Professor M Overton, School of Humanities and Social Sciences: £101,111 from Economic and Social Research Council (Farming to Halves: the Hidden History of Sharefarming in England (Joint grant with School of Geography, Archaeology and Earth Resources, total value £126,389))

Mr AT Paterson, Library: £185,180 from European Commission (KNOWLEDGE: Kuzbass Network for Electronic Online Working in Libraries)

Dr Y Plumley, School of Modern Languages: £200 from British Academy (Medieval and Renaissance Music Annual Conference 2005)

Dr ME Portnoi, School of Physics: £700 from Royal Society (International Summer School and Conference on Arrays of Quantum Dots and Josephson Junctions)

Professor T Postmes, School of Psychology: with Dr J Oldmeadow £3,630 from British Academy (Status in Interaction: the Effect of Social Interaction on Existing Status Beliefs)

Dr SJ Prince, School of Law: £32,436 from Department for Constitutional Affairs (Exeter Small Claims Mediation Pilot); £1,590 from Canadian High Commission (Canadian Studies Faculty Research Award)

Dr J Quinn, School of Education and Lifelong Learning: £8,357 from Joseph Rowntree Foundation (Falling Down Ladders and Charming Snakes)

Professor C Radaelli, School of Humanities and Social Sciences: £178,949 from Economic and Social Research Council (Quality of Regulatory Governance: Impact Assessment in Comparative Perspective)

Dr A Renfrew, School of Modern Languages: £6,170 from British Academy (Russian and Soviet Cinema)

Dr SJK Ritchie, School of Engineering, Computer Science and Mathematics: with Dr G Foster £12,580 from Birkbeck College (Monitoring of Damage in Historic Tapestries)

Dr L Sadiki, School of Humanities and Social Sciences: £20,838 from The Leverhulme Trust (Salon Democracy: Rethinking Arab Democratisation)

Professor JR Sambles, School of Physics: with Professor WL Barnes £850,831 from Engineering and Physical Sciences Research Council (2D Attogram Surface Plasmon Imaging (Joint grant with School of Biosciences, total value £1,514,262)); £18,200 from Royal Society (Dynamics of Ferroelectric Liquid Crystals Using Optical Guided Mode Techniques); £4,225 from Royal Society (Optical Study of Liquid Crystal Cell Dynamics (Year 3))

Professor A Savchenko, School of Physics: £502,628 from Engineering and Physical Sciences Research Council (Disorder Controlled Quantum Transport in Carbon Nanotubes)

Dr AM Shaw, School of Biosciences: £663,431 from Engineering and Physical Sciences Research Council (2D Attogram Surface Plasmon Imaging (Joint grant with School of Physics, total value £1,514,262))

Professor AC Shore, Peninsula Medical School: £125,000 from Engineering and Physical Sciences Research Council (RCUK Neurosciences Post); £3,900 from European Foundation for the Study of Diabetes (Albert Renold Travel Fellowships for Young Scientist)

Mr JW Somers, School of Performance Arts: £2,895 from Exstream Theatre Company (On the Edge: an Interactive Theatre Programme of Young People on Early Intervention in First Episode Psychosis)

Dr SJ Sonnenberg, School of Psychology: £28,873 from Economic and Social Research Council (A Social-Identity Approach to Economic Psychology)

Professor GR Srivastava, School of Physics: £23,689 from Engineering and Physical Sciences Research Council (Ab Initio Investigations of Phonon Modes and Electron-Phonon Interaction); £1,100 from Royal Society (European Conference on Surface Science: International Workshop on Semiconductor Surface Passivation)

Dr GRV Stanfield, School of Humanities and Social Sciences: £20,988 from United States Institute of Peace (Political Mobilization in Iraqi Kurdistan: Reconsidering Tribes, Religion and Ethnicity); £400 from British Academy (Middle East Studies Association 39th Annual Meeting 2005)

Dr IR Summers, School of Physics: £10,725 from DAART Foundation (Cortical Changes and Musculoskeletal Pain [additional funds] (Joint grant with School of Psychology, total value £21,450))

Professor NJ Talbot, School of Biosciences: £179,456 from Biotechnology and Biological Sciences Research Councils (Analysis of Magnaporthe Grisea Pathogenicity by Insertional Mutagenesis and Hierarchical Metabolomics)

Professor H Taylor, School of English: with Mr A Brown £53,400 from Arts Council of England (Creative Writing and Arts Programme); £14,013 from Arts and Humanities Research Board (Storyville and the Transatlantic Cultural Legacy of Prostitution in New Orleans)

Dr MC Thomas, School of Humanities and Social Sciences: £400 from British Academy (American Political Science Association Annual Meeting 2005)

Dr CR Thornton, School of Biosciences: £69,000 from Eco Diagnostics Ltd (Lateral Flow Devices for Plant Pathogens)

Professor J Thuburn, School of Engineering, Computer Science and Mathematics: £16,950 from Met Office (Relating Forced Climate Change to Internal Variability: an Alternative to the Fluctuation-Dissipation Theorem [CASE Top-up for Owen Kellie-Smith]); £4,500 from Met Office (Folding Timescales for Atmospheric Lagrangian Surfaces (CTA Studentship for James Kent))

Dr SD Toulalan, School of Humanities and Social Sciences: £5,877 from British Academy (Bodies, Sex and Health in Seventeenth-Century England)

Professor SB Towmley, School of Engineering, Computer Science and Mathematics: £21,519 from The Leverhulme Trust (Robustness Tools for Ecology and Biology)

Dr T Tregenza, School of Biosciences: £171,000 from Royal Society (Royal Society Research Fellowship [extension])

Mr MM Turner, School of Geography, Archaeology and Earth Resources: £40,145 from IBM Business Consulting Services (Southwest Livestock Pilot: Desk Study to Inform the 'Farmer's Business Case'); £5,000 from South West Food and Drink (A Review of the Perceived Barriers to Improved Competitiveness in the Dairy Industry of South West England); £4,500 from South West Food and Drink (A Review of the Perceived

Barriers to Improved Competitiveness in the Bakery Industry of South West England); £1,200 from Dartmoor National Park Authority (Dartmoor Farm Statistics)

Dr P Turnpenny, Peninsula Medical School: £11,962 from Northcott Devon Medical Foundation (The Genetic Basis of Short Rib Polydactyly (SRP) Type III Syndrome)

Dr R Van Aerle, School of Biosciences: £133,100 from Natural Environment Research Council (Unravelling the Molecular Mechanisms of Disruption of Sexual Differentiation in Fish Exposed to Oestrogenic and Androgenic Pollutants)

Dr LA Wade, School of Performance Arts: £14,013 from Arts and Humanities Research Board (Slovenian Drama Post Independence - Four Plays [Research Leave Scheme]); £2,080 from Arts and Humanities Research Board (Slovenian Drama Post Independence - Four Plays)

Professor DE Walling, School of Geography, Archaeology and Earth Resources: £409,227 from Department for Environment, Food and Rural Affairs (Documenting Soil Erosion Rates on Agricultural Land in England and Wales: Phase 2); £1,800 from British Council (Ms Ximera Maria Videla Study Visit)

Professor BW Webb, School of Geography, Archaeology and Earth Resources: £5,000 from Exeter University Foundation (Equipment Grant for Cycleau Project)

Professor P Webley, School of Psychology: with Mr WWM Wong £32,000 from University of Plymouth (Broadband4Devon)

Dr M Whalan, School of English: £14,013 from Arts and Humanities Research Board (Soldiers of Democracy: the Great War and the Culture of the New Negro)

Dr J Whatmore, Peninsula Medical School: £10,000 from Peninsula Medical School Foundation (Research into Diseases Susceptible in Women Using Electrophoresis Equipment)

Professor JM Wilkins, School of Humanities and Social Sciences: £14,013 from Arts and Humanities Research Board (An Edition of Galen, de Alimentorum Facultatibus (On the Powers of Food))

Professor SRM Wilks, School of Humanities and Social Sciences: £109,676 from European Commission (European Social Democracy and Competition Policy 1945-2005 (Marie Curie Fellowship for Yannis Karagiannis))

Professor AM Williams, School of Geography, Archaeology and Earth Resources: £46,597 from Engineering and Physical Sciences Research Council (Knowledge, Skills and Productivity in Retailing); £11,552 from Engineering and Physical Sciences Research Council (The Unintended and Indirect Effects of Performance Measurement and Regulation on UK Productivity: a Multidisciplinary Overview - Closing the Gap)

Dr CA Williams, School of Sport and Health Sciences: £30,181 from Glaxosmithkline Research & Development Ltd (Taste Perception, Hydration and Fluid Balance in Children)

Dr H Williams, School of Psychology: with Dr TL Hodgson £10,725 from DAART Foundation (Cortical Changes and Musculoskeletal Pain [additional funds] (Joint grant with School of Physics, total value £21,450))

Dr HMR Williams, School of Geography, Archaeology and Earth Resources: £494 from Medieval Settlement Research Group (Stokenham Archaeological Project 2005)

Dr RW Wilson, School of Biosciences: £243,355 from Biotechnology and Biological Sciences Research Councils (Novel Intergration of Gas Exchange, Osmotic and Acid-base Regulatory Functions of the Gill and Gut of Fish in Hypersalinity); £1,703 from The Fisheries Society of the British Isles (Are There Physiological Costs of Dominance Hierarchies in Wild Fish?); £1,320 from Wellcome Trust (Epithelial Bicarbonate Secretion in the Intestine of Marine Fish - Role in Removal of Calcium by Carbonate Precipitation and Comparison with Mammalian Pancreatic Stone Formation [Vacation Scholarship for Thomas Clark])

Professor M Winter, School of Geography, Archaeology and Earth Resources: £138,268 from Economic and Social Research Council (Sustainable and Holistic Food Chains for Recycling Livestock Waste to Land); £25,278 from Economic and Social Research Council (Farming to Halves: the Hidden History of Sharefarming in England (Joint grant with School of Humanities and Social Sciences, total value £126,389)); with Dr M Loble £22,230 from Royal Society for the Protection of Birds (Improved Grasslands in South West England - Effective Delivery Solutions for Environmental Problems); with Dr M Loble £4,500 from Department for Environment, Food and Rural Affairs (The Wider Social Impacts of Changes in the Structure of Agricultural Businesses [extension])

Professor PG Winyard, Peninsula Medical School: £1,320 from Wellcome Trust (Vacation Studentship for Brent Ryan) Dr ME Wood, School of Biosciences: £20,100 from AstraZeneca UK Ltd (New Heterocyclic Routes to Protected Isocyanates and Ketenes (CASE Award for Victoria Annis))

Professor SJQ Wren-Lewis, School of Business and Economics: £53,912 from Economic and Social Research Council (Reinstating Fiscal Policy as a Stabilisation Device)

Dr PJ Young, Peninsula Medical School: £28,354 from Andrews Buddies (Characterisation of a Functional Interaction between the Spinal Muscular Atrophy Determining Protein, Survival Motor Neuron (SMN) and Ewing's Sarcoma (EWS) protein)

Dr J Zajicek, Peninsula Medical School: £2,064,000 from Medical Research Council (Cannabinoids in Progressive Inflammatory Disease (CUPID)); £69,973 from Peninsula Medical School Foundation (South West Impact of MS [extension])

Professor DZ Zhang, School of Engineering, Computer Science and Mathematics: £115,470 from Engineering and Physical Sciences Research Council (X Impact Platform)

Professor K Zhang, School of Engineering, Computer Science and Mathematics: £21,519 from The Leverhulme Trust (Unite the Theories of Oscillation and Thermal Instabilities in Rotating Systems)

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The process of restructuring the University is over but higher education continues to change and Exeter has to change with it. Vice-Chancellor Steve Smith explains the University's priorities for the next 12 months.

# So what happens next?

**T**he University starts the new academic year with plenty of reasons to be cheerful.

Research income increased by nearly 70 per cent last year to £19 million. Three years ago it was just £9 million. On top of that we have secured £14 million funding for a research alliance between ourselves, Bath and Bristol. The National Student Survey published in October rated us tenth in the country for student satisfaction.

Undergraduate student recruitment this year was strong with the best-qualified group of students we have ever admitted. Postgraduate and international recruitment flatlined in what has been a difficult market for all universities.

Last year was a difficult year, but I am pleased to say the restructuring is over. We now need to make the most of the opportunities for growth this presents. The University's Council has set us the very clear target of being a top 20 university by the end of the decade. We will be developing a range of performance measures this year so we can tell whether we are making progress towards that target. Our initial thoughts on these targets relate to our ranking in the

Research Assessment Exercise, undergraduate applications, drop out rates and qualifications on entry, employability, and our performance in the National Student Survey.

Underpinning these targets is the need to develop more control over our own destiny. We get 49 per cent of our funding from the Higher Education Funding Council which is more than some of our peers. It means that we are more vulnerable to changes in government policy such as the likely continuing reduction in the unit of resource for home undergraduate students.

So there are a number of areas on which we need to concentrate this year if we are to develop what an academic author has called 'self-directed autonomy.'

**I Developing an entrepreneurial culture.** In particular we are trying to do away with the 'them and us' division between our academic Schools and Professional Services by creating School Planning Groups. These will consist of the Head of School, the School Manager, the line managing Deputy Vice-Chancellor, and representatives of Personnel, Planning and Finance. They will take decisions together based on the same set of shared data.





## working to develop the University's entrepreneurial spirit

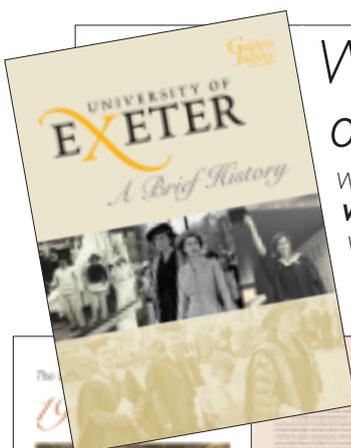
We will also be taking a look at whether particular aspects of Professional Services need to be reorganised to better support Schools and whether Council, which is being reduced to 25 members in line with national recommendations, has the right skills set. We need to develop our relationships with key stakeholders such as the Regional Development Agency and the Royal Devon and Exeter Hospital and make the Bath/Bristol/Exeter research alliance work for us. Finally, we need to look at how we manage undergraduate quota, which might mean awarding more student numbers to our highest performing academic Schools.

- 2 Growing non-State income.** We need to increase the level of support from our alumni. This doesn't mean going to them with a 'hard luck story', but asking them to support genuinely high quality initiatives. Following the Golden Jubilee we will launch a major new fund raising initiative and have invested in our Development and Alumni Relations Office to support this. Hospitality Services, which provides catering, accommodation and security services, has made great strides under its new Director Simon Malloy, moving from loss to surplus, but we need to further improve its profitability.
- 3 Uneven School performance.** You would expect some Schools to do better on some things than others, but the

gap in some instances is too wide. Although we did well overall on the National Student Survey, some Schools performed less well. This is also the case with the recruitment of international and postgraduate students and engagement with business.

- 4 Cross-cutting investment.** There are some big bills coming our way as we uprate our IT systems and the quality of our buildings. Students paying £3,000 a year in tuition fees will expect even higher quality facilities.
- 5 The student experience.** We need to improve on employability and to make sure we continue to perform highly in the National Student Survey. Our Education Strategy needs to bring more best practice into the lecture room and we need to improve our performance on Widening Participation.
- 6 Sustainability.** We have to make all our activities sustainable. We have to deliver a major improvement in the Research Assessment Exercise. Science must be successful at Exeter and we are investing in areas like Bioscience.

Last year was about changing the structure of the University. This year we will be working to develop its entrepreneurial spirit. We need to embed that spirit in everything we do.



## What happened when the students occupied the Vice-Chancellor's office?

*When did the College's future hang upon the efforts of a 'Polish don, three medical women and a demented man'?*

**Why were new students regularly 'beaten' with hockey sticks?**

*Who won RAG's 'most boring lecturer' competition a record number of times?*

**Where did the University's 'gentlemen' live?**

*Which Vice-Chancellor was known behind his back as Black Jack?*

The answers to these questions and more can be found in

### **The University of Exeter – a Brief History**

It details the University's growth from Victorian Art College to the present day with many contributions from students and pictures of past events.

The University of Exeter – A Brief History costs £5.00.

Please send cheques made payable to **The University of Exeter** to:

The University of Exeter – A Brief History, Press and PR Office, The University of Exeter, Northcote House, The Queen's Drive, Exeter EX4 4QJ

For further details contact Liz Hull on 01392 262359. Email: [e.a.hull@exeter.ac.uk](mailto:e.a.hull@exeter.ac.uk)

A trio of Exeter alumni are hoping to turn their sporting success at University into medals at the Beijing Olympics in 2008.



# Sailing towards the Olympics

**A**ndy Walsh, Ed Barney and Alison Knowles share the same ambition of being selected for the 2008 British Olympic Team.

Alison (Law and Geography 2003) took up rowing in 2000 while she was studying Law and Geography at Exeter. Sailors Andy and Ed met at Exeter whilst studying Sports Science and are currently campaigning the Olympic Tornado Class.

Alison Knowles' first sporting competitions took place in the water rather than on it. 'I'd been a competitive swimmer since I was young and was ready for a change when I arrived at Exeter,' she said. 'I'd been told I'd make a good rower so took the opportunity to give it a go and joined the Boat Club. I enjoyed it from the word go.'

After graduating, Alison moved to London and joined the Thames Rowing Club where she is part of the successful High Performance Programme. She is supported by a grant from the National Lottery Sports Fund as part of the UK Sport World Class Performance Programme. In 2004 Alison became World Under-23 Champion in the women's four. 2005 has also been a successful year. Together with her pairs partner Beth Rodford, she won the GB Rowing Senior Trials. Her greatest achievement of the year was coming fifth at the World Championships in Japan where she was part of the Women's eight.

As Team Walsh-Barney, Andy (Exercise and Sport Sciences 2003) and Ed (Exercise and Sport Sciences 2004) have

topped the UK National Ranking system for nearly two years. Recent success has seen them emerge as one of the front-runners for the 2008 British Olympic Sailing team. This was highlighted when they won the 2005 UK Tornado National Championships.

Their international results are as impressive. The Tornado World and European Championships not only established them as front-runners for 2008 Olympic selection, but were also the basis for the level of funding the team receives from the Royal Yachting Association and UK Sport.

Andy, who was a Sports Scholar for three years at Exeter, said: 'Our education at Exeter has played a large part in our campaign. Staff were very supportive of what we were trying to achieve .... we received the support that allowed Ed to receive a First Class degree. There is a wealth of elite athletes at Exeter and that is where we met and set our sights on Beijing 2008.'

Andy and Ed are training and living in Weymouth. At the end of the year their boats will be shipped to America where they will start training for the Miami Olympic Class Regatta and the North American Tornado Championships. Their key focus for next year is to qualify for the Pre Olympics in Beijing in August 2006.

More information on Team Walsh-Barney and how to support their campaign can be found at:

[www.teamwalsh-barney.com/](http://www.teamwalsh-barney.com/)

## Preaching the law

A scholarship set up in memory of one of Exeter's best-loved Law lecturers is helping a new generation of lawyers to succeed.

'Studying Law with Clifford Parker was demanding but it was never dull... he liked to let his enthusiasm for whatever he was teaching come across in a forceful style of delivery which he himself compared to the hwyf of a Welsh revivalist preacher.'

This was how one of Professor Parker's students and former colleagues, David Perrott, described the man whose many friends and colleagues joined his family in endowing a scholarship to honour his

memory after his death in 1996. Clifford Parker was Bracton Chair of English Law and Head of the Department of Law at Exeter from 1957 to 1985. The scholarship offers the opportunity for a new generation of legal scholars to follow in his footsteps into the academic teaching of Law.

Clifford Parker scholar Lisa Yarwood found out about the scholarship on the web. 'I wanted to combine field work with teaching, something I've always tried to do,' she said. 'It's so important for a lawyer working in an academic environment to retain contact with what's going on and not become isolated.'

After her first degree from the University of Canterbury in Christchurch, New Zealand, Ms Yarwood worked in tax law at PricewaterhouseCoopers for a couple of years before moving to London to do corporate law at Freshfields. At Exeter she intends to use the doctoral scholarship to focus on international human rights, building on her experiences on field placements with the United Nations and the Red Cross in Central America. She is not the first member of her family to come to Exeter. Her grandfather, a Professor of Music, came here on an exchange in the 1960s.

## Scholarships for Cornwall

Cornish couple Terence and Margaret Trevorrow have set up a new fund in memory of their two children to help students at the University's Tremough campus in Cornwall. The Carolyn and Andrew Trevorrow Memorial Fund provides grants towards the cost of home and overseas fields trips.

Mrs Trevorrow said, 'Having lost both our children, we wanted a memorial that would do good for other young people. The establishment of the new University campus in Tremough offered a nice way to do that. As time passes, the memorial and what it achieves will carry on.'

The bursaries helped students to participate in field trips to supplement and enrich their understanding of their

coursework. Five awards were made this summer to students on Applied Geology and Renewable Energy courses, with a further two funded from a bequest from another Cornishwoman, Mrs Joan Hain.

They give practical opportunities for students to put what they have learnt into practice. Project subjects ranged from renewable energy usage in Iceland to solar thermal power in Greece.



## Help others choose

When it comes to making decisions about higher education, young people need all the support they can get.

Alumni are an increasingly important source of that support through the Graduate Case Studies project. Part of the Aimhigher Peninsula Programmes initiative, the project aims to encourage wider participation in higher education in the South West by providing real life examples of people who have completed a degree and gone to enjoy a successful career. The project has had a successful

beginning and now requires more alumni who are willing to have their profiles put on the Case Studies website.

Project coordinator Sarah Proudfoot said: 'Many young people do not consider higher education as a real option or leave within the first year of starting university because they do not see what it is leading to. Graduate Case Studies is designed to provide that link by showing how real people have used their degree as a stepping stone to greater things. Many Exeter alumni

have already volunteered to join the project and their case studies are starting to make an impact. In effect they are acting as role models for young people in the region.'

Graduate Case Studies is increasingly being used in secondary schools around Somerset, Devon and Cornwall.

Complete your own profile by logging onto [www.exeter.ac.uk/cas/gcs](http://www.exeter.ac.uk/cas/gcs) or contacting Sarah Proudfoot on 01392 262462. Email: [s.proudfoot@exeter.ac.uk](mailto:s.proudfoot@exeter.ac.uk)



- 1 Shock treatment set from the 1880s for treating paralysis and chorea.
- 2 Trocar set for draining cysts.
- 3 Roman medical instruments.
- 4 The induction coil from Exeter's first x-ray machine, 1898.
- 5 Early stethoscopes.
- 6 Maxim's Pipe of Peace, used in the 1880s for treating conditions like asthma.

# I bet that hurt!

A gruesome, groundbreaking and occasionally bizarre collection of defunct medical instruments is to go on public display for the first time.

Most people collect stamps or teapots. Doctors are different – they like to collect old medical instruments. Over the years Devon doctors have amassed a collection of over 6,000 different items. Now those instruments are being brought together for research and teaching purposes by the University's Centre for Medical History. The collection includes a Victorian 'Vee Dee electro-massage machine', razor sharp scarificators for blood-letting, Exeter's first X-ray machine, trepanning drills for boring into patients' skulls and a sinister-looking amputation set. The instruments range in age from Roman times right up to the present day.



Consultant neurologist Dr Christopher Gardner-Thorpe, of Devon and Exeter Medical Society, said: 'Often it is equipment doctors have used themselves for many years, items picked up as curiosities, or things with sentimental value such as an old medical bag from the 1920s which was passed from father to son. This stuff has built up over the years and the Society has acted as the custodian of the collection. We're delighted that the University has found an educational use for it.'

The University has obtained a grant from the Wellcome Trust to catalogue the collection, put it on the web and

organise a programme of school visits to educate pupils about the past and present of medicine. It is also hoping to attract funding from other sources to enable the collection to be put on permanent display. The work has been carried out by Project Manager Dominic Prosser and the Centre's Outreach Officer Mary Carter.

Professor Mark Jackson, Director of the Centre for Medical History, said: 'We believe the collection compares very well with any in the country; it is a real find. Some of the instruments would be familiar to doctors working today, but others are weird and wonderful such as the allergy testing kit from the 1950s which uses electricity to absorb allergens into the skin. The Victorians were very interested in the supposed healing powers of electricity and that tradition is continued in modern medicine today with the tens machines used by pregnant women to relieve birthing pains.'

The schools programme has been designed to fit in with GCSE teaching in secondary schools. Pupils will be able to handle some of the (non-lethal) instruments. The programme is designed to look at medicine's past and also to spark off debate about current healthcare issues. It has been organised around different themes, including public health and vaccination, surgery and anatomy, common ailments and treatments, childbirth and children.



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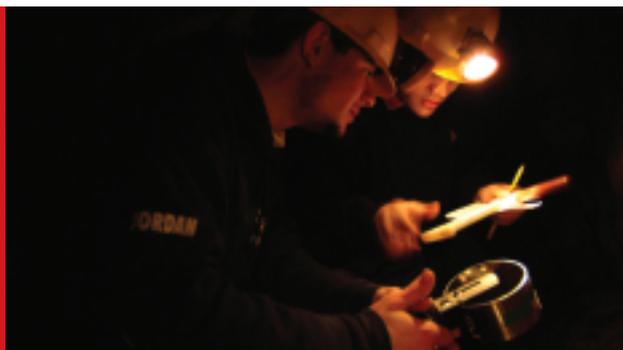


5



6

# Research - making the jump from academia to industry



The University is making great strides in turning its ideas into products and services.

**P**rojects to help mine rescue workers communicate underground, to enable air traffic control systems to make fewer false alerts and to design a new generation of waste recycling vehicles might not seem to have very much in common. However, they are all part of the University's growing efforts to translate academic research into solutions for UK businesses.

Known as Knowledge Transfer Partnerships (KTP) these projects are typically worth up to £150,000, last one to three years and are designed to turn a completed piece of research into a marketable product or process for a business. They are funded with help from the DTI who provide up to 60% of the project cost. Since the University created its own Knowledge Transfer Programme Office in February this year, the number of projects has grown to 13 and the ambition is to have a rolling programme of up to 24.

Some of the University's projects include:

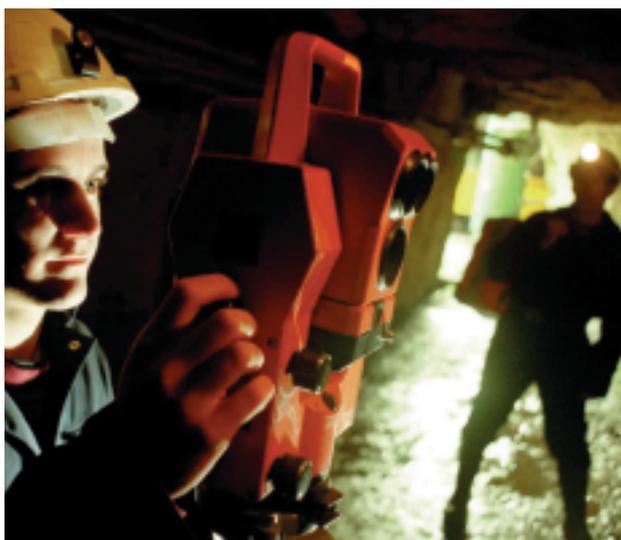
- A partnership between the Mines Rescue Services Ltd and the Camborne School of Mines to develop a wireless communications network that works underground. The system would be used for tracking miners while they work underground and will be developed at CSM's own test mine in Cornwall.
- Work by the Department of Computer Science to embed 'multi objective optimisation' techniques into next generation software to improve air traffic control systems and credit card authorisation protocol. In both cases there is a room for improvement with the current computer systems used erring on the side of caution. This can lead to a tendency to 'cry wolf' rather too often. Computer scientists will be developing highly complex mathematical models to enable the systems used to better distinguish between real and potential problems.
- Developing a new fleet of kerbside collection vehicles to cope with the ever-increasing range of materials collected for recycling from UK homes.

- Helping Crediton-based printed circuit board manufacturers Graphic plc to meet the exacting criteria laid down by the American aerospace industry.
- A strategy and market development project for a supply organisation working in the offshore oil and gas markets. The project will help the company expand across international markets.

Allen Alexander, the University's Senior KT Programme Manager, said there is no shortage of ideas coming forward. He added: 'Whichever way they happen, KTPs are proven to be a very effective way of getting ideas generated in universities out into the marketplace.'

KTPs also have other benefits for the University and its students. For the University they provide a source of research accredited income with 20 per cent of the total project cost going to University overheads. This is coupled with flexible income for academic supervisors directly aimed at stimulating new research. Graduates are appointed to undertake the projects, as full-time employees of the University but working within the company and in the process are provided with training, the opportunity to register for a 'free' masters degree or doctorate and to receive a realistic salary and training allowance.

To find out more contact Allen Alexander or Shamala Govindasamy in the KT Programme Office on 01392 262397.





# Join up and join in

More students than ever before are signing up for activities run by the Students' Guild, says President Alain Desmier.

**A** new executive, new staff, a brand new nightclub and record levels of interest in Guild activities have made term one busier than ever before.

The start of September saw the Students' Guild relaunch its website. The £1 million refit of the Lemon Grove (the student nightclub in Cornwall House) was completed just in time for a launch party the Friday before welcome week. The same day the Guild and the University opened 'the works' – an employment shop designed to find students part-time work at University and also to provide them with information about careers. The works has been hugely successful and has exceeded its annual targets in just one month!

We had a great welcome week for new first year students thanks to a superb team effort from all involved and this has really set the tone for the term. It has been a tremendously busy start to the year for student activities in the Guild with RAG, Community Action, Student Media and Societies getting record numbers of students inducted, involved and working on the wide range of activities on offer.

More than 8,500 students have signed up to 90 different Guild-affiliated societies at the Freshers' Squash. This is 2,000 more than the same time last year. All of the Societies have had active starts to the year and the music societies have had success in securing extra funding from the University to compensate for the phasing out of the music department.

RAG has started the year in rude health, with a record-breaking 2,000 people signing up to take part in their fundraising activities. Events so far include huge 'raids' in Liverpool, Dublin, Guildford and Newquay. They raised many thousands of pounds for Cancer Research, Cornwall Air Ambulance and other charities. RAG Week took place in Week 4 of term and included a massive three-legged pub crawl, a pool competition, a club tour and a scavenger hunt in the campus halls. With the

legendary Safer Sex Ball (the largest World AIDS Day event outside of London) and the Fashion Show still to come, this year's RAG Committee will certainly have a hectic fundraising schedule on their hands.

Community Action exists to provide placements for any student who wishes to volunteer in the outside world. Exeter boasts the highest number of student-led projects in the country and over 500 students have signed up so far this year. A number of major events have already taken place including the Volunteer Fair, with over 30 local organisations attending, and hundreds of students getting involved in a variety of different projects. Community Action have ten student-led projects and over 100 community partnerships on the go.

X-Media (the student media department) has had a record breaking start to the year, too, with over 600 students signing themselves up to write for *Exeposé* (the students newspaper), *Xnet* (online news and views), *Xpression FM* (the radio station) and *XTV* (the tv station).

On top of all of this, the Executive have been busy working on a number of projects for the coming year and are spending lots of time finding out student opinion on a whole range of issues ranging from accommodation to what students would like to see from the Students' Guild. We are all focused on making sure the Guild can provide the best service it can for Exeter students and rising to meet the challenges of a 'top up fee' higher education climate.





# Meeting Africa

Playing bass with a jazz group, performing solos with a classical orchestra, or working with drummers from Zimbabwe are all part of the extraordinary musical repertoire of Joseph Matare. Karen Lippoldt finds out how he does it.

**First met** Joseph Matare in February 2005, when he came back to Exeter to receive his PhD in Music Education.

A man of many talents, Dr Matare is a musician, educator and cultural ambassador, currently teaching African Music at the Music Academy in Basel, Switzerland. Born and raised in Zimbabwe, he has dedicated his life to making his African heritage accessible to people from different cultural backgrounds. His motivation and ambition is for the people of Europe to meet, experience, and enjoy the vibrant and diverse cultures of Africa.

**KL:** *You play a multitude of African instruments. You have also had classical training and studied jazz, playing the double bass, the piano, and the trombone. How has the combination of the musical styles shaped your life?*

**JM:** It has opened and broadened my musical horizons and enabled me to work and perform with people and musicians from different cultures and different music styles. For example, I can play as a bassist with a group of jazz musicians, or as a soloist with a classical orchestra, and the next day you could see me with master drummers from Zimbabwe. This also relates to my work as a lecturer at the University of Regensburg where I give seminars to students training to become teachers. My day starts with teaching African music in a classroom situation. The next seminar is on improvisation with voice and instrument and the third seminar is on ethnomusicology, which explores systematic methods of looking at music in the classroom aimed at high school teachers.

Learning Western music and instruments has increased my awareness of the importance of traditional Zimbabwe music and the value of its traditional instruments, such as the mbira (finger piano), ngoma (the drums), and chipendani (mouth bow).

Twelve years ago I started the musical exchange project 'Meeting Africa' with a Swiss classical music conductor friend. The idea was to expose young classical musicians to African music. We resumed the programme in 2004 in Switzerland, using a 70-piece classical orchestra, a big band, a choir, and percussion playing African music.

The project has now expanded to Germany where the third 'Meeting Africa' was realised in Munich.



**KL:** *One of the overriding themes in your work is the role of music in education. What is the concept and how do you utilize it in teaching children and adults African music?*

**JM:** The role of music in education is about integration and inclusion. To accommodate many individuals in a classroom situation is not an easy task, but music can be used to deal with differences amongst children of different races. I'm just starting a programme entitled 'Integration through Music' for teachers with an institute in Basel. How do I teach African music? My concept of teaching African music in the classroom is labelled 'Belief System Approach to Teaching Music.' It includes what our forefathers or elders believed in and how they saw music in their lives. In other words, the concept is based on the African philosophy of music in everyday life. I look at African music with all its important elements of song/melody, rhythm, and movement/dance and its aesthetics, and apply these in the classroom.

**KL:** *Access to education is a vital element in fostering progress in African countries. You joined forces with Tambanevana, a welfare organisation in Zimbabwe, and secured support from Germany, Switzerland and the UK? Could you tell us about this project?*

**JM:** For the past couple of years, my elder sister and I, plus some Swiss friends, have undertaken a project to allow children in Murehwa in Zimbabwe to have pre-school education before starting their main primary education. The project is called Tambanevana and has developed into a great success. It is also a success story in co-operation, as we now have both Swiss and German support associations, plus the School of Education at the University of Exeter has provided us with computers to train people in rural areas of Murehwa where the project is situated. We still need support to give children a better future, a chance, and the right to education. More information about the Tambanevana Project is available on our website [www.tambanevana.org/](http://www.tambanevana.org/) or contact me personally at [j.matare@swissonline.ch](mailto:j.matare@swissonline.ch) or 0041-61-6834746.

**KL:** *What do you want your students and your audience to take home with them after a lesson or a concert?*

**JM:** My message to my students and my audience is you are welcome to visit Africa. Africa is the future, you are welcome and also at home in Africa, so why not make a visit. Go with respect and they will respect you.

# Parasites, popstars & strumpets

Books by Exeter alumni and former staff

**T**he works of a famous Elizabethan historian with terrible handwriting have been 'translated' for the first time. Dr Todd Gray (PhD History 1983) spent nine years deciphering *The Chronicle of Exeter* which was written by Exeter's Chamberlain John Hooker in the 16th Century. Hooker was the first person to gather together civic documents from which he wrote the city's first history. Said Dr Gray: 'Hooker had tiny writing, he was very mean with paper and was prone to smudging. It's an awful text to try and decipher, but very rewarding when you get to the end of it.'

Riots, plague, fire and war are among many of the subjects that Hooker recorded. One of the most colourful comes from 1524 when a local woman, Joan Luter, was arrested after considerable public pressure. She was described as a 'well-favoured woman and sweet fair' who had attracted many admirers but the mayor and his councillors were concerned that she had fallen into bad ways – she had become, in Hooker's words, 'a very strumpet and a harlot'. More modern interpretations of Ms Luter might weigh her case differently but Hooker (pictured below) presented it as a moral tale. For the most part, he wrote, her followers came to a 'bad end'.

Published by the Mint Press



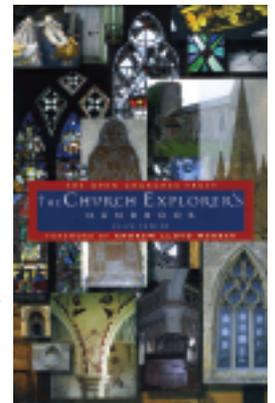
**H**eat & Soul, by Chris Bradford (English 1995) offers access to the words and wisdom of the most successful songwriters of the last 100 years. An official publication of the British Academy of Composers & Songwriters, the book features exclusive interviews with top songwriters including Don Black, Wayne Hector, and The Darkness. Chris Bradford is a professional songwriter, author and lecturer at the Academy of Contemporary Music, Guildford. For more information visit: [www.burningcandlemusic.co.uk](http://www.burningcandlemusic.co.uk) Published by Sanctuary, 2005

**P**arasitology, edited by Professor Frank Cox (Zoology 1958), with Derek Wakelin, Stephen Gillespie and Dickson Despommier, covers all the known parasitic infections of humans in terms of their biology, pathology, epidemiology and control. Professor Cox specialized in parasitology at Exeter and went on to the University of London where he completed his PhD and DSc in this field. Formerly Professor of Parasite Immunology at King's College, London he is now officially retired but continues to work as a Senior Visiting Research Fellow at the London School of Hygiene and Tropical Medicine. Published by Hodder Arnold 2005

**O**vercoming Loneliness and Making Friends is Márianna Csóti's (Physics with Medical Physics 1985) first adult self-help book. Her previous books were for the professional/parenting market with courses on social skills for children and young adults with mild learning difficulties; for personal, social and health education in secondary schools; and for adults helping children aged five to sixteen with school phobia. Márianna Csóti's website: [www.mariannacsoti.co.uk](http://www.mariannacsoti.co.uk) Published by Sheldon Press, 2005.

**A**n account of academic life during the early days of the University can be found in a 'long memoir' of the life of Robin Fox. Professor Fox, an academic at Exeter from 1959 to 1964, writes in *Participant Observer: Memoir of a Transatlantic Life* of the Erratics cricket team and the many 'eccentrics' that made up the teaching staff. 'The older ones (lecturers) carried their eccentricity to stupefying lengths. One lady lecturer...used to come to lectures in a taxi, leave it outside with the meter running, and depart the minute the bell rang. Most of her salary must have gone on these quick trips, but then it was rumoured she had means – true of so many it seemed.' Published by Transaction Publishers, 2004

**A**s an undergraduate at Exeter Clive Fewins (English 1966) became an enthusiastic 'church crawler'. The phrase was coined by John Betjeman – the doyen of all present day enthusiasts for church exploring. He began to travel the country as a journalist and realised that church exploring encompasses the best bits of many other hobbies. It involves a certain amount of exercise, it gets the mind working, and it gets you to places where you might well not normally go. It is also a hobby that satisfies anyone with a strong interest in local history. The 340 page *Church Explorer's Handbook* resulted from an initiative by Andrew Lloyd-Webber's Open Churches Trust. Published by Canterbury Press, 2005.



**C**ontemporary Creed by Dr John Morris (PhD English 1988) translates ancient beliefs into today's language and marries science with faith. It is written for those who, like the author, do not find it easy to believe but he points an intelligent pathway through 60 intellectual problems of traditional Christian ideas. Dr Morris was a teacher and lecturer for 35 years before being ordained as an unpaid Anglican clergyman in 1995. Published by John Hunt Publishing Ltd, 2005.

# Diary

2005

**From 25 November 2005 until 31 January 2006**

## **Your University exhibition**

The University from Foundation to the present day.  
Royal Albert Memorial Museum, Queen Street, Exeter  
Open Monday to Saturday 10am to 5pm.

**Wednesday 21 December**

## **Charter Day fireworks in Exeter city centre**

Celebrate 50 years to the day since the granting of the Royal Charter which turned the University College of the South West into the University of Exeter. The highlight of the evening will be a fireworks display preceded by a torch-lit academic procession in Exeter city centre. The Procession departs the Southgate Hotel at 6.45pm and fireworks, fired from the roof of Debenhams, go off at 7.30pm.

2006

**Monday 6 March, 8.30pm**

Cafe Scientifique  
**Complementary Medicine: Does it work?**  
Prof Edzard Ernst, Peninsula Medical School  
Exeter Phoenix Arts Centre. Free entry. No need to book.

**Saturday 11 March, 2 pm**

**The Paddon Award**  
All alumni, students, and staff (past and present) are invited to cheer for the winners at the finals of the Paddon Award.  
Parker Moot Room, Amory Building.

**April, date to be confirmed**

## **Bridget Riley exhibition**

**Monday 3 April, 8.30pm**

Cafe Scientifique **Title to be confirmed**  
Dr Marina Morgan  
Exeter Phoenix Arts Centre. Free entry. No need to book.

**Friday 7 April, 6pm**

Convocation Andrew Stratton Lecture  
**Enchanted Islands: In Shackleton's Steps Across South Georgia**  
Parker Moot Room, Amory Building  
The lecture is followed by a question & answer session with Alexandra Shackleton, granddaughter to Ernest Shackleton.

**Friday 7 April to Tuesday 11 April**

**Convocation Spring Reunion, University of Exeter**  
Incorporating Convocation AGM on Saturday 8 April at 2.30pm in Hope Hall  
Contact: Mike Aspray 01884 242606  
Email: LandM@pad13.fsnet.co.uk

**Sunday 23 April**

**Jubilee Parents Day**  
See and hear about latest developments at the University.  
Event details to be finalised. Will include lunch.

**Thursday 4 May, 6.15pm**

Jubilee Shaping the Future lecture **Title to be confirmed**  
Lord Robert Winston

**Monday 8 May, 8.30pm**

Cafe Scientifique **Title to be confirmed**  
Prof John Bryant, School of Biosciences, University of Exeter  
Exeter Phoenix Arts Centre  
Free entry. No need to book.

**Wednesday 17 and Thursday 18 May and Wednesday 24 and Thursday 25 May, 6pm**

Prideaux theological lectures **Title to be confirmed**  
Professor James Dunn, Venue to be confirmed.  
Contact: Mary MacNeill: 01392 264241.  
Email: m.e.macneill@exeter.ac.uk

**Sunday 28 May**

**Crossmead Hall Alumni Reunion**  
Probably the last chance for the 'Jentlemen' of Crossmead to meet at Crossmead as it is being sold by the University for housing development.  
Contact: Paul Sandy (Geography 1976) at:  
[www.paulsandy.co.uk/reunion](http://www.paulsandy.co.uk/reunion)

**Saturday 17 June and Sunday 18 June** PLEASE NOTE CHANGE OF DATE

## **Jubilee Arts Festival and Alumni Reunion**

The grand finale of a year of celebrations with a weekend programme full of concerts, lectures, sport, comedy performance, and appearances from some very special alumni. Please save the date, spread the word, and visit [www.exeter.ac.uk/alumni](http://www.exeter.ac.uk/alumni) as further programme and booking details will be posted there as soon as possible.

**Sunday 21 June**

**Jubilee concert by the Bournemouth Symphony Orchestra**  
Great Hall, University of Exeter. Programme details to be confirmed.

A full and regularly updated list of events can be found on the University website's What's On page: [www.exeter.ac.uk/news/whatson.shtml](http://www.exeter.ac.uk/news/whatson.shtml)

For further information about Jubilee, Shaping the Future and Cafe Scientifique events contact Liz Hull on 01392 262359 or email [e.a.hull@exeter.ac.uk](mailto:e.a.hull@exeter.ac.uk). Full details of Jubilee events are at: [www.exeter.ac.uk/goldenjubilee](http://www.exeter.ac.uk/goldenjubilee)

For further information about Alumni events contact Zoe Longridge-Berry on 01392 263141 or email [z.e.longridge-berry@exeter.ac.uk](mailto:z.e.longridge-berry@exeter.ac.uk)

## Art

Forthcoming Exhibitions – all start on 30 January 2006  
Northcote House Gallery – Architectural Plans 50th Anniversary  
Reed Hall Gallery – CanzArt collective exhibition  
Atelier Gallery, Queens – John Moat "Blackness"  
See: [www.exeter.ac.uk/fine.art](http://www.exeter.ac.uk/fine.art) or [www.exeter.ac.uk/sculpture](http://www.exeter.ac.uk/sculpture)