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# NEWSLETTER

THE MAGAZINE FOR THE STAFF OF THE UNIVERSITY OF CAMBRIDGE



UNIVERSITY OF  
CAMBRIDGE



## Cambridge Christmas

**Christmas music | Ethical gifts | Staff chaplain | Vet school | Who's new**

# SNAPSHOT

**Mesolithic manna** Members of the University's Geography and Archaeology Departments have helped Ray Mears and the BBC make a TV programme about ancient food, to be broadcast this January. They supplied their expertise and an enormous drill to reach deep-down into the sediments of Hockham Mere, Norfolk, to gather evidence of what food was available to hunter-gatherers 10,000 years ago. With Ray Mears (second right) are Dr Steve Boreham, Julie Miller and Chris Rolfe.



**Reality TV** Watch a new building being erected live before your eyes thanks to a web cam trained onto the Department of Architecture where a new studio extension is being built. Visitors to the EMBS site can watch the £1.4m project in progress at Scroope Terrace, Trumpington Street. The architects are Mole Architects and Freeland Rees Roberts (the people behind the toilets on Parker's Piece). The camera updates each hour. [www.cam.ac.uk/building](http://www.cam.ac.uk/building). Click on the web cams link.



**Film fans** A new film project organised by the University's Faculty of Social and Political Sciences has given Cambridge audiences a rare glimpse into peasant life in remote rural China, at recent screenings at the Cambridge Arts Picturehouse. Farmers and ethnic Tibetans were trained to use a camcorder and asked to make films about their lives on the theme of self-governance. Many of them had never used a camera before. The films are also showing at Leeds, Oxford and Cardiff Universities.



**Abstraction** A collection of more than 20 abstract aluminium sculptures are arousing curiosity in the tranquil confines of Trinity Hall. The sculptures are on show at the college – which has a strong tradition in the arts – until 21 December and are part of a touring exhibition by artist Jonathan Clarke. Academics have been puzzling as to the meaning of the shapes: some say they resemble stations of the cross; students described them as “ethereal animals grazing”. Open daily, 10–12 and 2–5. Tel: (3)322500.



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King's choristers change for a service. Photo: Andrew Houston. With kind permission of the Provost and Scholars of King's College

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## NEWSLETTER

The Newsletter is published for the staff of the University of Cambridge and is produced by the Office of Communications.

Please send in ideas for the content and other ways we can improve the publication.

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## Call for firm focus on teaching



UNDERGRADUATE education, and the challenges that face teaching within a research-intensive university, were the theme of the annual Vice-Chancellor's address in the Senate House at the start of the Michaelmas term.

Professor Richard began her address by drawing attention to the fact that rankings, prestige and investments are strongly weighted towards research, making it increasingly difficult for research-intensive universities to give serious attention to education of undergraduates.

She pointed out, however, that the University of Cambridge has an advantage over many of its peers. The collegiate system fosters an atmosphere where tutors and students talk across academic boundaries, and helps support small-group teaching by academics who are leaders in their fields, so that students are educated "up to and beyond the frontiers of knowledge".

Looking back to the ideas of great educationalists in the 19th century, Professor Richard explored the concept of a university as a place where professors both advance ideas and teach students – a notion that has been debated ever since. While acknowledging the tension between the two, she refuted the notion that

they were incompatible: "At its very best, teaching invigorates research," she said.

Professor Richard called for improvements in funding for undergraduate education as well as a change in attitude. She urged the University to promote the "centrality of undergraduate education" in its mission, exploring the debates of 'breadth versus depth' and 'useful' versus 'non-useful' learning. She raised the question of creating further breadth and flexibility within the Tripos system. Finally, she stressed the importance of not losing sight of "what we value most": the focus on depth of knowledge and genuine love of learning.

● In the light of the above, the University has been looking at how it supports learning and teaching activities for its teaching staff.



Alice Sheridan

The General Board's Education Committee, chaired by the Pro-Vice-Chancellor for Education, Professor Melveena McKendrick, has overseen the work of a researcher over the last year, Alice Sheridan. She surveyed current provision and is to make recommendations on how and where support could be introduced or enhanced.

She contacted around 260 teaching officers and attended events and meetings. She reports to the General Board early in 2007. Sheridan will be describing her work at the next Learning and Teaching Support Lunch, open to all: 12:45pm, 11 December, Faculty of English, West Road.

→ [www.admin.cam.ac.uk/offices/education/lts/](http://www.admin.cam.ac.uk/offices/education/lts/) for more details or email [Madeline McKerchar mjm61@cam.ac.uk](mailto:Madeline.McKerchar@mjm61@cam.ac.uk).

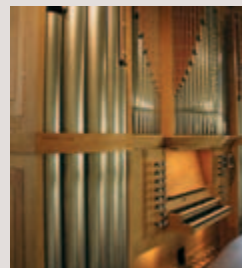
## ALL NEW...

### Accolade



Fenner's cricket pitch, which dates back to 1845, is the finest university cricket pitch in the country, according to the England and Wales Cricket Board. It has awarded Groundsman of the Year 2006 to Fenner's groundsman John Moden. John has been working there since he was 16. He says the biggest challenge is fighting the weather and keeping the pitch dry during summer showers. This is the third time John has won the award.

### Organ



A brand new pipe organ, the first of its kind in the UK, has been installed in Trinity Hall. It was made by Danish builder, Carsten Lund, and designed with help from world famous organist, David Sanger. To allow for a better acoustic, special changes were made to the chapel gallery: the solid oak panel was replaced by an iron and oak balustrade. Jesus College, too, is to replace its organ. Swiss builder Orgelbau Kuhn will install the instrument in time for the Michaelmas Term 2007.

### Price cut

University card holders can currently ride on any of the Citi buses in Cambridge for just 50p a journey. The discount on these Stagecoach-run buses is for a trial period until 31 December and recognises the contribution that the University makes by its funding of the Uni 4 bus service between Maddingley Road Park & Ride, West Cambridge, Silver Street and Addenbrooke's.

● The University recently won an Award for Excellence for its Travel Plan which includes such measures as the Uni 4, the Park and Cycle and the Car Sharing schemes.

→ [www.admin.cam.ac.uk/offices/embs/travell](http://www.admin.cam.ac.uk/offices/embs/travell)

### Winner

Arunas Radkevicius, a Lithuanian student at Westminster College, is winner of the prize of a camcorder for taking part in an online survey about the University website. The survey is part of the current University web review and asked for users' experiences of the site. "Thanks to everyone who participated – the views of everyday users have been invaluable in helping to plan the future development of Cambridge's website," said Melanie Gardner who is helping co-ordinate the review. "Results are expected early next year."

# WHAT'S NEW

## Vocational trainees triumph



AN ADMINISTRATIVE assistant in the Office of Communications, Claire Edwards, has been chosen as the 2006 Trainee of the Year on the University's CareerStart@cam programme (formerly the Young Employees Programme). Claire has excelled in courses in business administration, finance, accounts, and typing over the last five years since joining the Communications Office as a trainee, age 17.

"My first few weeks of work in the real world were pretty scary as

Director of Personnel, Peter Deer, surprises Claire Edwards with the award for Trainee of the Year on the CareerStart@cam scheme

I'd had absolutely no experience with computers," said Claire, "It's hard to believe now." Claire, who was brought up in Cambridge, attending Netherhall School, heard about the programme for young employees through her mother who was working at the University. "I'm really, really glad that I signed up for the programme as it's given me the opportunity to learn such a range of skills," she said. Claire's supervisor commended her "dogged determination".

Seven other participants in the scheme, who gained vocational qualifications in areas ranging from carpentry to accounts, were also recognised at the award ceremony held at the University Centre, presented by Peter Deer, Director of Personnel. They were: Adam Durrant, Cara Geach, Catherine Hall, Douglas Ross, Jamie Secker, Kristy Smalley and Charlie Willers.

"CareerStart@cam provides the opportunity to 'grow our own' employees as well as giving participants a well-supported start to their careers – as well as encouraging recruitment," commented Jenny Tootal, CareerStart@cam co-ordinator.

## Call for staff to compete

UNIVERSITY staff are encouraged to enter their start-up business ideas into competitions run by Cambridge University Entrepreneurs (CUE). These business planning and creation competitions are organised by students but open to both staff and students.

The three main CUE competitions are: the £1k Business Ideas Competition; the 3P competition for social and sustainable for-profit or non-profit enterprise; and the CUEBiC Business Creation competition aimed at high-growth businesses, with three £5,000 prizes and the opportunity to pitch to investors.

University staff are encouraged to enter the latter, in which staff members have a strong record of success. Professor Amaratunga from Engineering won in 2003 with Enecsys, for its cost-effective solar products. And this year Professor Howard Chase of Biochemical Engineering and post-doctoral researcher Dr Carlos Ludlow-Palafox won with a new technology for recycling drink cartons. "We were able to pitch our idea to a group of investors in a Dragons' Den-style event," said Dr Ludlow-Palafox. "The night finished with a hand-shake agreement for a £150,000 investment."

→ [www.cue.org.uk](http://www.cue.org.uk) or [info@cue.org.uk](mailto:info@cue.org.uk)

## Smartened-up GU café welcomes all-comers

THERE'S A NEW reason for graduate students to visit the Graduate Union rooms on Mill Lane thanks to the new-look Cambridge Blue Café there. The Vice-Chancellor, GU Patron, attended the formal opening in the newly refurbished suite of rooms which boast comfy sofas and a variety of meeting areas as well as the shop and café.

Open every day 9.30–7 the café serves healthy meals, sandwiches and hot and cold drinks and is open to all. All coffee is Fairtrade.

While prices are very reasonable, the café managed to break even after



The Vice-Chancellor toasts Beth Bowers, President of the GU Union, with a Fairtrade cuppa

operating for only 11 days. At the opening Alison Richard praised the way that the Union had "breathed life" into the redecorated room to create a superb social space for graduates from across the University.

The Graduate Union is at 17 Mill Lane, behind the Pitt Building on Trumpington Street. The shop, open 10-5 Monday to Friday, offers University-crested stationery, cards, thesis-binding, gown hire, rail cards and inexpensive photocopying. Two meeting rooms are also available for booking, free of charge, for the daytime or evening.



Gerhard Symons speaking at the recent annual lunch of CU Entrepreneurs

→ Your comments and contributions are always welcome. Please send them to the Editor at [university.newsletter@admin.cam.ac.uk](mailto:university.newsletter@admin.cam.ac.uk)  
The deadline for the next issue is 8 December.

## Would you make a good photographic subject?



Portrait of Paul Knights, boatman of Queens' and Magdalene Colleges.

A LOCAL portrait photographer is on the hunt for a variety of staff and students around the University to be photographic subjects for a two-year photography project. It will culminate in an exhibition at the Fitzwilliam Museum in 2008 and a book.

The emphasis of the project of Howard Guest, a former financier turned photographer, based in Cambridge, is to depict people in context in their workplace “to capture views of the University and Colleges not normally accessible to the general public”.

Guest wants to depict the huge range of different jobs involved in the massive task of running the University and Colleges, from academics to cleaners.

Duncan Robinson, Director of The Fitzwilliam Museum said: “We are delighted to co-operate with Howard who has that rare gift of being able to capture something more than a simple likeness”.

Guest will be taking photographs until June 2007. Staff can contact him at [howard@howardguest.co.uk](mailto:howard@howardguest.co.uk) to suggest subjects or locations.

## Design service is re-formatted

CHOICE, QUALITY, cost and speed of delivery are all-important when it comes to the design and production of promotional materials. Last month, the design studio of the University's Office of Publications was replaced by a new roster of selected external suppliers, one of whom is the Cambridge Design Studio, run by former University employee Mark Mniszko.

This move will ensure customers now have available to them a wide range of professional design services

at highly competitive prices.

The Publications Office is now evolving into a new multi-discipline Communications Services group that will provide specialist services in printed materials, web services, broadcast and film. Stephen Jolly, the University's Director of External Affairs and Communications, described the changes as part of “a concerted drive to professionalise the way we communicate”.

→ Contact: [melanie.gardner@admin.cam.ac.uk](mailto:melanie.gardner@admin.cam.ac.uk), tel: (7)64059.

## ALL NEW...

### Umbrella



The Humanitarian Centre, the umbrella organisation for Cambridge initiatives in international relief and development, has a new home. It has moved to premises at Fenner's in Gresham Road, thanks to an Active Community Fund Grant from the University. Set up in 2005, the Centre supports humanitarian initiatives. Organisations already using the Centre include Aidworld, Architectures Sans Frontières, ENghana, Engineers Without Borders, RedR, Shelter Centre and VSO Cambridge. Funding for a manager comes from the local charity, the Sir Halley Stuart Trust. Ian Steed, a graduate from Jesus College, has been appointed to the post.

→ Contact [ian.steed@humanitariancentre.org](mailto:ian.steed@humanitariancentre.org).

### More winners

We are delighted to announce the three winners of the *Newsletter* competition for a copy of the *Wind in the Willows*. CUP won an award for the book's printing. They are: James Sharp, graduate student in Philosophy, Pembroke; Christoph Keate, Head Gardener, Corpus Christi; and Sarah Coppendale, Development Officer, Fitzwilliam.



### Rabbit

Emmanuel College has won the battle of the chefs in a competition revived after 20 years. More than 50 chefs from Cambridge colleges battled it out in the event held at Pembroke College. Overall winner was the team at Emmanuel, led by Head Chef Matt Carter (far right), who competed to prepare a range of dishes including starters, main courses and desserts. The winning dish? Matt's Trio of Autumn Rabbit.

# WHAT'S NEW

## Linguists help solve crimes

A TEAM IN the Department of Linguistics is carrying out innovative research in the fast-growing field of forensic phonetics: the science of identifying people from their voices.

Today a growing number of court cases involve the need to establish the speaker of recorded speech – a hoax emergency call, a fraudulent phone transaction, an obscene voicemail or the planning of a drug deal.

Alongside their research, members of the team also occasionally undertake expert witness work in court cases. Professor Francis Nolan has played a key role in the developing ‘voice parades’, a procedure similar to an identity parade, “but more often we challenge scientifically flawed expert voice evidence being used against defendants, and warn in general of the dangers of convicting people on the basis of voice identification,” says his colleague Dr Kirsty McDougall.

Voices, says McDougall, are not like fingerprints. “Contrary to the impression given by television shows such as the American *Crime Scene Investigation*’, there is no technique for identifying a speaker with 100%



reliability,” she says. The problem is that a person’s voice varies, depending on how tired or emotional they are or on how loud, and fast they are speaking. “What’s more, recordings are usually short, of poor quality and in different speaking styles.”

The team is currently compiling a large-scale controlled database of Southern British English speech as part of an ESRC-funded project to make a forensic phonetic study of British English, by conducting mock police interviews, phone calls and reading tasks, enabling the team to understand individual voice variation.

**Hearing voices**  
Kirsty McDougall and team are leading the way in forensic phonetics

## Academic leads primary review

AN INDEPENDENT inquiry into England’s primary schools – claimed to be the biggest since the 1960s – is being led by a Cambridge academic. The two-year review, led by Professor Robin Alexander of Wolfson College, will look at how to improve teaching.

A team of 60 researchers and a 20-member advisory committee is also to study the impact of government policies over the last 20 years. While the Government says that standards have gone up, particularly since the 1997 strategy, ministers were “never complacent”.

The system under which pupils take national tests at ages 11 and 14 – and until recently age seven – has been criticised for being too target-focused. But ministers say the system, including school league tables based on results, is needed to raise standards.

The review is said to be the most comprehensive of its kind since the Plowden Report of 1967, which called for an emphasis on “children’s intrinsic interest in learning”, instead of using “fear of disapproval or desire for praise” to motivate them.

## Astronaut flies with Cambridge memento

Cambridge graduate Nicholas Patrick (Trinity, 1982) is about to take his first flight as a NASA astronaut on the shuttle Discovery, having made it through the rigorous selection process, to become one of the 321 NASA astronauts. Launch is scheduled for after December 7.

Patrick is taking with him a memento of the University’s Department of Engineering where he was a student: a medal specially etched in the Department. Patrick has logged over 1,900 hours as a pilot and trained as an astronaut since 1998. The mission is a construction and logistics mission to the International Space Station, the manned research space facility currently being assembled 220 miles from Earth.



**Cambridge rules** Watch out for this, one of a set of eye-catching posters advertising the Varsity rugby match against Oxford at Twickenham on December 12. They were created by London advertising agency Lowe, whose brief from the Rugby Football Union was to “fuel the fierce historic rivalry to drive ticket sales”. Three further ads compare the number of Poet Laureates (Oxford 9, Cambridge 7), Prime Ministers (Oxford 26, Cambridge 14) and heads on postage stamps (Oxford 6, Cambridge 11). We are delighted to report that Cambridge wins hands down when all four results are totalled: Oxford 88, Cambridge 113!

A day in the life of Lisa Jolley, Deputy Head Nurse at the Vet School

# Intensive care

IT IS 8.45AM on a frosty morning and Lisa Jolley is arriving for work at the University Veterinary School.

Lisa, 27, is the deputy Head Nurse at the School. She trained as a veterinary nurse there, after gaining a Btec National Diploma at a local further education college and attending the Manor secondary school, Cambridge. She has progressed quickly in her career and is now part of a team of eight nurses.

Today Lisa is based in the Animal Hospital's Intensive Care Unit. There are four patients; all are dogs.

The airy room buzzes with quiet activity as half a dozen vets, students and nurses intently monitor the progress of their canine patients. The dogs are mostly laid out on blanket beds, or pad quietly around the unit.

Tiny, a friendly Great Dane, is in for observation following a problem with a twisted gut. At the other end of the size scale is Toto, a tiny Yorkshire terrier, who is recovering from an operation on his trachea. Both are making their presence felt: Toto is taking himself on a little walk and charming the staff.

Much more subdued are Missie, a Cocker Spaniel, and Bran, a wiry-haired cross-bred. Missie is here for observation: she has been having unexplained seizures. Laid out on a blanket, Bran looks very weak. He arrived yesterday having been in a road traffic accident. He has a pelvic fracture, and has lost blood.

The animals being treated or convalescing at the Veterinary School need 24-hour care and supervision. This is provided by the School's staff of veterinary surgeons and nurses, and by sixth-year veterinary students who are nearing the end of their training. Students were on night shift looking after Bran and twice had to phone the on-call anaesthetist, Marieke de Vries, for advice. Now, at 9am, Marieke crouches on the floor beside the dog.

Aided by Lisa, Marieke has put Bran on a drip, and is monitoring his heart via wires attached to his paw pads. The ECG print-out shows that, although his heart is irregular, his condition is slowly stabilising. He



may be able to go for surgery to repair his pelvis later today. In the meantime, morphine dulls his pain.

While the vets and students are responsible for all medical treatment, Lisa and fellow nurses are responsible for carrying through the individual care plans and ensuring that their charges are secure, clean and well-fed. This means understanding the individual likes



**“One of the exciting things about working here is that some of the top people in the world are doing research here”**

**Above** Yorkshire terrier Toto has just had an operation on his trachea. **Left** It takes three people to lift Bran who has been in a road accident.

and dislikes of a stream of canine visitors. Toto has bonded to a final year student, Lee, deigning to let him wash and blow-dry his hair in advance of being reunited with his owner. Anyone but Lee attempting a cuddle gets a fierce rebuttal.

All the work undertaken at the Queen's Veterinary School Hospital is on patients who have been referred to the School from first opinion veterinary practices. However, three mornings a week the Veterinary School also operates a first opinion clinic from premises off Whitehill Road, Cambridge. Run in conjunction with the RSPCA, this clinic offers subsidised services to pet-owners on benefits, including members of the homeless community. It also provides training in basic diagnosis and care to the students.

Lisa is the nurse at the RSPCA clinic: “It makes an interesting contrast to the hospital, as it's a chance to meet owners and keep up my skills in basic care such as flea control.”

Lisa loves her work. “One of the exciting things about working here is that we have some really advanced facilities, such as a radiotherapy unit for small animals, and MRI scanners for small animals and horses. Some of the top people in the world are doing research here. One research group is collaborating with neurologists in the hospital, and applying their knowledge of spinal injury repair to help dogs with spinal damage,” she says.

“Working with animals and people is never dull. Helping sick animals recover, and easing their suffering, is always rewarding. And making a contribution to the vets of the future by teaching them practical skills and watching them develop as professionals is really satisfying.”

She adds: “I'm so lucky to be doing what I always wanted to do. In fact I can't imagine being happy doing anything else!”

*UPDATE: The three dogs Toto, Tiny and Bran have all made a good recovery. Sadly Missie had to be put down.*

The new chaplain to University staff has had a colourful life working on the frontline in the Iraq war. He says that working with the Cambridge community is, however, not very different ...

# Caring for the troops

THE UNIVERSITY CHAPLAINCY has acquired some new muscle. The Reverend Christian Heycocks, who started earlier this year as the new chaplain to University staff, used to be chaplain to the Royal Marines. This involved tours of duty on the frontline in the wars in Iraq and Afghanistan.

Perhaps the job of ministering to the Cambridge community demands a certain degree of toughness. One thing that is certain is that his past experience has made him forward-looking, worldly, and energetic to widen the remit of the chaplaincy. (Before he was in the forces, Christian was a curate in north Wales and did an MA tracing the Labour movement back to working class Christian communities).

Christian is used to leading the way. As a chaplain to the Royal Marines, an expeditionary force, he was one of the first to arrive in Iraq at the start of the war in 2003.

He remembers holding a huge communion service in the open scrub of the Kuwaiti desert on the eve of war. Hundreds of soldiers prayed for their families back home, while their families prayed for them. "It was tense," says Christian. "One of the hardest moments was the next day though. We said prayers before setting off in helicopters on the first mission. Twenty minutes later one helicopter had crashed. Nine of my friends were dead."

"The soldiers are amazing human beings. They have to continue on their mission, stay professional and deal with their emotions later. It is an extremely difficult thing to do. That is where I come in, to help them try and make sense of it all."

In order not to be a burden on other soldiers, a Royal Marines

chaplain receives full commando training, but is not permitted to carry weapons. It is only in the UK and the US that this is the case: chaplains in the forces of other countries are mostly armed.

Christian is keen to make it clear that war is not what it looks like in the movies. "War is 90% boredom and 10% chaos," he says. "But being a soldier is not just about combat. Much of what they do is to provide humanitarian aid after disasters such as the tsunami." Military chaplains also get basic medical training. "I remember holding the leg artery of an Iraqi man tightly in my hand while a doctor treated him. We managed to save his life."

## Religious calling

Christian knew at the early age of 13 that he wanted to be a priest, and to serve in the armed forces. This was despite the fact that nobody in his family had a connection with either profession. "It was definitely a calling," he says.

He explains how the Royal Marines sometimes suffer from an image problem: "People have a certain perception of them, but they are no different from most people – they are caring, thoughtful individuals who love their families. But they are also prepared to risk their lives for their country."

The University chaplaincy was created in 1996, and Christian is the third person in the post, succeeding Barbara Moss who is now at Gothenburg University. Christian provides both pastoral and spiritual support to staff of all faiths, as well as non-believers. His approach is not to proselytise. "It is important to make friends with people first and

**Men of action** The University Chaplain the Reverend Christian Heycocks, right, pictured with the Assistant Priest to the Parish of Great St Mary's, The Reverend Dr Andreas Loewe. While Christian was in the Royal Marines, Andreas spent two years as an RNLI lifeboat man.



**"We said prayers before setting off in helicopters on the first mission. Twenty minutes later one helicopter had crashed."**

not expect anything from them. Acting as a person of faith is what counts." He is keen to make religion as accessible as possible: "You can't sit back and do the tried and tested but instead you have to reach out to where people are in their lives."

## Reaching out to post docs

He receives 30 to 40 enquiries a week from staff across the University. One of the triggers to the creation of the post was the plight of post docs, who can feel more "out on a limb" than other academics – they are not generally connected to a college so do not have access to college chaplains.

How does working with the Royal Marines compare with working with the staff of Cambridge? "It is surprisingly similar. Both are institutions. In each you have people from all walks of life – both have chefs, engineers, administrators.

"But in my experience people



really are the same wherever you go,” says Christian with feeling. “Every day they are exploring who they are, why they are here and how they can better care for their families. I think most people have a spiritual side even if they don’t want to be slotted into a religion. Ministry is a privilege, and it’s the same wherever you are, it is just the environment that is different. “The main difference for me being in Cambridge is that my wife – who is a nurse at Addenbrooke’s – is very pleased I am home at night!”

#### **Multifaith centre at Merton Hall**

Although he puts a great emphasis on going out to meet people where they are – both spiritually and geographically – Christian has a small office based at the University church Great St Mary’s. His chaplaincy also extends to Merton Hall Farmhouse in West Cambridge, an old farmhouse belonging to the

University that is currently being done up and developed into a multifaith centre with regular meetings and prayer groups. Currently around 20 people a day visit the farmhouse.

The Farmhouse is located next to the West café and is used by local faith groups – currently Christian, Muslim and Baha’i’.

Multifaith and interfaith initiatives are high up Christian’s agenda. Christian recently offered the University Church and Michaelhouse as meeting places for the newly formed student group, the Cambridge University Faith Forum. A series of major addresses by leaders of the three Abrahamic faiths such as Rowan Williams and Sir Jonathan Sacks are also planned.

Christian’s enthusiasm for interfaith activity is shared by his colleague, the Reverend Dr Andreas Loewe, who is at Great St Mary’s as Assistant Priest to the vicar John

Binns: “We have got to get this multifaith thing sorted now,” says Andreas with some urgency. “If we cannot get people from different communities talking to each other – and understanding each other – in the prosperous setting of Cambridge, what hope is there for people in underprivileged areas where people are competing for jobs?”

Christian has ambitions for the role of the University chaplain: “I want to take it a stage further, to establish it as a chaplaincy rather than just one chaplain to the University, a bit like a mini-department”.

Above all he describes his role as one of standing alongside people, and helping them grapple with their faith, which can be a continuous, ongoing process. As one of their 90-year-old parishioners, Nora, said to him recently: “Sometimes we must be patient. We haven’t learnt it all in one day have we?”

## Alone in Cambridge this Christmas?

For students and staff at a loss for what to do this festive period (perhaps you are a long way from your family, and friends have deserted you for theirs) **Christmas College Cambridge** offers a range of activities and a ready-made social scene. Previous years’ events have included a mince pie launch party, ‘solstice snowballs’, films with pizza, indoor skiing, ten pin bowling, climbing St John’s Chapel tower and a trip to Ely. Arrangements will be finalised towards the end of term, but now is the time to join the committee if you have any suggestions or would just like to help out.

→ [soc-xmas-org@lists.cam.ac.uk](mailto:soc-xmas-org@lists.cam.ac.uk)

## Religious and interfaith events for staff

- **Regular services** for University staff take place at Merton Hall Farmhouse (next to West Café on the West Cambridge site): 1pm every Tuesday and 9am every Wednesday.

- **Regular prayer groups** meet: 1pm every Tuesday at Merton Hall Farmhouse; the first Thursday of the month, 1pm, at the University Library; 1pm, the third Wednesday of the month at Great St Mary’s. → Contact Christian Heycock: [chaplain@gsm.cam.ac.uk](mailto:chaplain@gsm.cam.ac.uk), tel: (7)41719 or [www.gsm.cam.ac.uk/chaplaincy](http://www.gsm.cam.ac.uk/chaplaincy)

- A new course **Religion and Belief: Equality in Practice** is launched this January by the Staff Development team. It looks at the main beliefs in England today, and how current legislation in this field will impact our working life. For anyone with an interest in religious harmony.

→ January 22, 10–12, Disability Resource Centre

→ April 16, 10–12, Pavilion Room, Hughes Hall

→ [www.admin.cam.ac.uk/offices/personnel/staffdev/programme/induction/in0536.html](http://www.admin.cam.ac.uk/offices/personnel/staffdev/programme/induction/in0536.html)

- If you want your leave to coincide with a **religious festival**, the BBC publish a useful calendar at [www.bbc.co.uk/religion/tools/calendar/](http://www.bbc.co.uk/religion/tools/calendar/)

- The Cambridge **Inter-Faith Programme** is based at the University’s Faculty of Divinity, and the Cambridge Theological Foundation.

# MAKING A DIFFERENCE

When Dr John van Wyhe found himself thwarted by a lack of access to Darwin's work, he decided to take the matter into his own hands

## Online evolution

LIKE MANY great ideas, the project to put the entire works of Charles Darwin online began almost by accident, and in an unlikely spot.

In 2002, science historian Dr John van Wyhe – now a historian of science at Cambridge – was in Singapore, studying the great naturalist at the National University. But his work hit an unexpected problem. For his research he needed access to the original, 19th-century publications of Darwin's work. The scholarly library at Singapore had just one – a study on worms.

Undeterred, Dr van Wyhe turned to the internet, where to his surprise his efforts proved almost as fruitless. A web search only turned up a far from complete set of electronic texts from which swathes of important information were missing. "For a scholar it was incredibly frustrating," he explains. "What was needed was a comprehensive electronic collection of Darwin's writings." Van Wyhe gradually realised that it was a challenge he could not walk away from.

### Four years' search

So began an historic academic project which, on its release in October this year, also became a massive worldwide hit. Over the past four years, Dr van Wyhe has undertaken a worldwide search for copies of Darwin's own writings, as well as works written about the great scientist and his pioneering ideas. Last year,

**"The aim is to give everyone the chance to see, read or hear Darwin's work unrestricted by the forethought of an editor."**

his project *The Complete Work of Charles Darwin Online*, received a grant of more than £250,000 from the Arts and Humanities Research Council. Having collated the writings, Dr van Wyhe has managed to digitise the entire collection and place it online for the world to see, which, thanks to the grant, is free of charge.

The scope of the project is huge: it currently features 50,000 pages of searchable text and 40,000 images of original publications and handwritten manuscripts, all available at the click of a mouse. Surfers can even access Darwin's works as mp3 audio files created using text-to-speech software. Anyone can download audio versions of famous works like the *Origin Of Species* to their computer, or straight onto an iPod.

"The idea is to make these important works as accessible as possible," says van Wyhe. "The audio files are a fairly new medium and there's no reason why, if you can search and read the text and look at images of the original, you shouldn't be able to download and listen to it as well."

### New manuscripts

*Darwin Online* features many newly-transcribed, or never-before published manuscripts written by the great man. These include a field notebook from his famous Beagle voyage to the Galapagos Islands, where he made observations of the wildlife

that would later become the foundations for some of his most famous theories. The real book was stolen from public display in the 1980s and is still missing, but by transcribing a microfilm copy made two decades earlier, readers can now see it on the web.

Most editions of Darwin's work appear here online for the first time, and most can be viewed either as colour originals written in Darwin's handwriting or as fully-formatted electronic transcriptions, with the two versions comparable side-by-side. German, Danish, Norwegian and Russian editions are also available. The site boasts the largest Darwin bibliography and catalogue of his handwritten manuscripts, more than 150 supplementary texts, a complete collection of published descriptions of Darwin's Beagle specimens ... the list goes on. Nothing like it has ever been published on a single scientist.

### Net worth

More is yet to come, including further published editions and translations, more notes and more transcriptions. But the overwhelming public response to Darwin Online is already beyond doubt. The press coverage of the launch was enormous: it reached 300 million homes round the world thanks to blanket coverage on the BBC and received mentions in about 200 newspapers. Within 24 hours of this the website had received an estimated 10 million hits – plunging



Fig. 16. Cat in an affectionate mood of mind. By W. Wood.



This picture of a cat in affectionate mood demonstrates Darwin's 'principle of Antithesis': this was one of his key innovations which for the first time made profound connections between internal thought and emotions and external behaviour. The cat's posture when affectionate is the opposite of when in an opposite state of mind – when its back will be arched and its hairs bristling (when it is fighting or feeling threatened).

→ If you would like advice on any aspect of research funding, from funding opportunities to financial administration, go to [www.rsd.cam.ac.uk](http://www.rsd.cam.ac.uk)



unsuspecting staff at the University's CARET, the technical team under Dr Antranig Basman responsible for its maintenance, into a sometimes desperate battle to keep *Darwin Online* ... well, online. Although robustly built, the site even crashed, albeit for just a few minutes, that morning as tens of thousands of enthusiastic surfers simultaneously tried to peruse Dr van Wyhe's work.

"The response has been terrific and the figures for the number of hits are absolutely astonishing," he says

now. "One of the main aims of the project is to give everyone the chance to see, read or hear Darwin's work for themselves in ways unrestricted by the forethought of an editor. This shows that we are achieving exactly that."

→ *The Complete Work of Charles Darwin Online can be viewed at [www.darwin-online.org.uk](http://www.darwin-online.org.uk)*

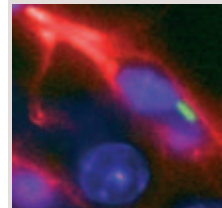
→ *Darwin Online is looking for further funding to complete the project. See [www.darwin-online.org.uk/support.html](http://www.darwin-online.org.uk/support.html)*

## OTHER RECENT FINDINGS

### Artificial pancreas for young diabetics

Research led by Dr Roman Hovorka with the Department of Paediatrics is under way to develop an artificial device which will do the job of the pancreas (regulating insulin levels) for children and adolescents with diabetes. If successful, the mechanism will dramatically improve their quality of life by making it significantly easier to manage the condition and reduce the risk of them becoming hypoglycaemic (low blood sugar).

### How bacteria spread



Researchers Dr Pietro Mastroeni and Professor Duncan Maskell at the Centre for Veterinary Science have discovered a new, more accurate, method of mapping how bacteria spread within the body, a breakthrough that could lead to the more effective treatment of certain bacterial infections. Their teams have pioneered the technique of integrating mathematical models and observational data so they can predict the spread of bacteria within humans.

### Dementia rises before death

In our ageing society, the chances of people developing dementia rises significantly in the last year of life, says a new study. The study, spearheaded by Professor Carol Brayne at the University's Institute of Public Health, who looked for the first time at dementia shortly before death, found that factors believed to protect against dementia in its earlier stages, such as higher levels of education, may not do so at the end of life. 6% of people aged 65–69 have dementia, rising to 58% for those aged 95 and above.

### Students crack cheap space flights



A group of students who aim to launch a rocket into space for less than £1,000 have taken the first steps towards their goal. Carl Morland, Henry Hallam and Robert Fryers, all from the Department of Engineering, have successfully sent a bundle of equipment to the edge of space using a helium balloon. The tiny payload, no bigger than a lunchbox, flew to nearly four times the height of Everest before descending by parachute, taking photographs. The project paves the way for the launch of small payloads for research for just a few hundred pounds.

# PRIZES AWARDS & HONOURS

→ **Professor Quentin Skinner**, Regius Professor of Modern History, has won a prestigious lifetime achievement award for his groundbreaking work on the history of political thought. He received the 2006 Balzan Prize for Political Thought: History and Theory at Milan's Institute for International Political Studies. Professor Skinner, one of the most eminent and influential scholars in his field, was honoured for "his distinctive methodology for the study of the history of ideas ... and his acute reflections on liberty". Four Balzan awards are given out every year by the International Balzan Foundation created to recognise peace initiatives and foster the scientific and cultural world.

→ **Professor Dame Sandra Dawson**, Master of Sidney Sussex, has been awarded the highest honour by The International Women's Forum (IWF). Dame Sandra was inducted to the Hall of Fame in recognition of her position as the first woman to be elected Master of Sidney Sussex College in 1999 and for her work as Director of the Judge Business School 1995–2006. In particular, the IWF cited her development of leadership programmes aiming to increase women's leadership.

→ **Professor David Buckingham**, who has retired from his university position at the Department of Chemistry but still remains active in research, has been awarded the first Ahmed Zewail Prize in Molecular Sciences. The Prize is a new biennial award sponsored by publishers Elsevier in collaboration with the international journal, *Chemical Physics Letters*. It is given to individual scientists who have made significant and creative contributions to disciplines associated with molecular sciences.

→ **Dr Dennis Bray**, a computational cell biologist from the Department of Physiology, Development and Neuroscience, has won one of the largest international prizes in science, the Royal Society and Académie des Sciences Microsoft European Science award. He won the award, funded by Microsoft, for his research using innovative computer simulations of biological systems. His work focuses on the molecular systems that enable bacteria to detect and respond to chemical changes; they swim, for example, towards food and away from poisons – a process known as chemotaxis.

→ **Professor Ekhard Salje**, President of Clare Hall and Head of the Department for Earth Sciences, has been presented



Professor Skinner has been recognised for his groundbreaking work in political thought.



Professor Gilbert Lonzarich has received the Guthrie Medal for this work in experimental physics.



Dr Shai Vyakarnam has been elected as a Fellow of the RSA.



Lisa Jardine, former Cambridge academic, received a Lifetime Achievement Award from the Times Higher.

with an Agricola Medal by the German Mineralogical Society for his leading research into applied mineralogy. He is the first academic at a British institution to be given such an honour. Professor Salje's research has led to the development of materials suitable for the long-term storage of nuclear waste.

→ **Petra Vertes**, a postgraduate student at Trinity Hall, won the Microsoft Research Award for the Best Computational Science Student at the 2006 Student of the Year Awards at SET (Science, Engineering and Technology).

→ **Tom Offord**, a recent graduate from St Catharine's, won the Airbus Award for the Best Aeronautical Engineering Student. The awards were presented at the Royal Courts of Justice in London.

→ **Professor Christopher Lowe** of the Institute for Biotechnology has been named the 'Most Entrepreneurial Scientist of the UK'. The competition aims to demonstrate the importance of academic entrepreneurship for the innovative strength of the UK economy.

→ **Dr Shailendra Vyakarnam**, Director of the Centre for Entrepreneurial Learning at the University, has been elected a Fellow of the Royal Society for the encouragement of Arts, Manufactures and Commerce (RSA).

→ **Gerhard Symons**, a postgraduate at the Institute of biotechnology, has been selected by the National Council for Graduate Entrepreneurship (NCGE) as one of 18 students to take part in the first ever NCGE Fellows Scheme. They were selected from the best of England's Science, Engineering and Technology HEI students. He will spend six months in a US University developing business ideas.

→ The University was well represented among the newly elected members of the European Molecular Biology Organization (EMBO). This organisation works with leading researchers to promote excellence in the molecular life sciences in Europe. Among the 49 new members were:

**Professor Allan Bradley**, Director of the Wellcome Trust Sanger Institute

**Dr Anne Ferguson** from the Department of Physiology, Development and Neuroscience

**Dr Michael Gait** of the Division of Protein and Nucleic Acid Chemistry, MRC Laboratory of Molecular Biology

**Dr Murray Steward** from the Division of Structural Studies, MRC Laboratory of Molecular Biology

→ **Professor Gilbert Lonzarich** and **Dr Nigel Cooper** have been awarded two of Britain's most prestigious physics prizes from The Institute of Physics. Professor Lonzarich was awarded the Guthrie Medal for his work in theoretical and experimental condensed-matter physics. Dr Nigel Cooper will receive the Maxwell Medal for his research into quantum physics. Both are members of the University's Department of Physics, based at the Cavendish Laboratory.

The Department of Physics was also involved in the 'Lab in a Lorry' project, which was devised by Charles Jenkins from the Australian National University and won him the Kelvin Medal for his initiative. "Lab in a Lorry" is a self-contained laboratory in the back of a lorry to give young people the chance to do hands-on science outside of the classroom.

Also honoured was **Dr Kurt Haselwimmer**, formerly at the Cavendish Laboratory, for his work in successfully establishing a scientific instruments company, Cambridge Magnetic Refrigeration Ltd.

## → Times Higher awards



The two young Cambridge researchers, Sam Chamberlain and Danielle Turner, with their supervisor Barbara Sahakian (centre).

Cambridge performed well in these awards, now in their second year: **Dr Danielle Turner** of the Department of Psychiatry won the coveted Young Researcher of the Year Award. Her colleague Sam Chamberlain, also from Psychiatry, was highly commended. **Professor Lisa Jardine**, a former Cambridge academic, received a Lifetime Achievement Award. She is currently Centenary Professor of Renaissance Studies at Queen Mary's College, an honorary fellow of King's College, Cambridge, and was recently elected honorary fellow of Jesus College. **The University** itself came second in the **Best Student experience** as voted by students from around the UK. In first place was Loughborough University.

# PEOPLE

## PEOPLE COMING



DAME PATRICIA HODGSON DBE has been appointed Principal of Newnham College, succeeding Baroness O'Neill of Bengarve. Dame Patricia, who read history at Newnham, until recently chaired the Higher Education Regulation Review Group and is Governor of the Wellcome Trust. She was Director of Policy and Planning at the BBC. From 1970 to 1982 she worked as a producer and broadcaster, initially in radio and then in television and spent many years as a freelance journalist.



SARAH SQUIRE has taken up the post of President of Hughes Hall this term. A graduate of Newnham College, and a long-time resident of Cambridge, Squire has had a distinguished career as a diplomat. She has held posts in Tel Aviv, Senegal and Washington DC. She was Ambassador in Tallinn while Estonia was preparing to join the EU in 2000-3. She spent her final two years in the Foreign and Commonwealth Office as part of the team organising Britain's presidencies of the G8 and the EU.



SIR DAVID WALLACE has been appointed both as Master of Churchill College, where he takes over from Sir John Boyd, and Director of the Isaac Newton Institute for Mathematical Sciences, following the retirement of Sir John Kingman. Sir David studied physics at Edinburgh University then at Princetown University. His career took him to Southampton and Loughborough, where he was Vice-Chancellor. He was awarded a CBE and knighted in 2004 for services to science, technology and engineering.

## PEOPLE GOING



PROFESSOR MALCOLM BOWIE has retired early from the Mastership of Christ's College, a post to which he was elected in 2002, in order to receive further treatment for myeloma, a cancer of the bone marrow. Before returning to Cambridge, he was Marshal Foch Professor of French Literature and a Fellow of All Souls College, Oxford. His teaching career has also taken him to the University of East Anglia, Clare College, and Queen Mary's, London. His research has focused on French literature, psychoanalysis, and the relationship

## IN BRIEF

**Dr Nancy Lane** is to retire in December as Director of WiSETI (Women in Science, Engineering and Technology Initiative) at the University. She has overseen that since its establishment in 1993. WiSETI looks at the recruitment and careers of women in science not just within the University, but also nationally.

**Mel Rouse** has been appointed Schools and Colleges Liaison Officer/GEEMA at Cambridge Admissions Office. GEEMA is the Group for Encouraging Ethnic Minority Applications.



**Kerry Tipping** has been appointed to the newly created role of Communications Manager at the Research Services Division. The role is designed to lead marketing communications for the division.



### OBITUARY: Charles Larkum

It is with great sadness that we report the death of Charles Larkum, Bursar of Sidney Sussex College, in November after a long illness. He had held the post at the College since 1994, where he was a great supporter of the boat club. He was also a member of the University's new investment board. He was previously Bursar at Girton (1990-94) and before that had worked in London and Washington in finance. Donations in memory of Charles can be made to the Arthur Rank Hospice, tel: 354289

### OBITUARY: Dr Tony Holden

We also sadly report the sudden death of Dr Tony Holden, age 47, from a stroke. A lecturer in Engineering, he was also Head of the Decision Support Group in the Department of Engineering. Tony made many contributions during his 21 years at the Department, and was known internationally for his work in artificial intelligence, knowledge management, and the operational control of process plants. Colleagues send their condolences to Tony's family and partner. He will be greatly missed.

AS PREVIOUSLY REPORTED, Sir Alan Wilson has succeeded Professor Haroon Ahmed as Master of Corpus, and Professor Dame Jean Thomas takes over as Master of St Catharines in January 2007.

# ADVERTISEMENTS

Advertising on this page is open to University staff. The cost is £15 for a single insertion or £75 for six insertions (six for the price of five). The deadline for the February/March issue is January 8. Maximum 70 words. Send your copy to the Editor at [university.newsletter@admin.cam.ac.uk](mailto:university.newsletter@admin.cam.ac.uk) or call 01223 332300.

## HOUSES TO RENT

### → France, Chamonix

New, high quality apartment situated in the French village of Les Houches in the Chamonix valley. Good for all types of activity holidays; summer and winter, situated at the bottom of a ski lift. See [www.apartmentkandahar.com](http://www.apartmentkandahar.com) for more details

Contact: [semc2@medschl.cam.ac.uk](mailto:semc2@medschl.cam.ac.uk)

### → France, Chamonix and Megève

Large traditional chalet with wonderful Mont Blanc views – in small village in French Alps ([www.st-nicolas.net](http://www.st-nicolas.net)) close to Megève and Chamonix, one hour from Geneva airport, walking distance to ski slopes & mountain treks for all levels, sleeps up to 11 in five bedrooms, separate kitchen, dining, living, three bathrooms. Suitable for family reunions. From £600/week depending on season.

Contact: 01223 464104 or [fp12@cam.ac.uk](mailto:fp12@cam.ac.uk)

### → France, Nice

Quiet two-room apartment in centre of Nice. Sleeps 2 in d/b + 2 on sofa bed. 10 minutes from airport and short walk from lovely beach. Frequent flights from Stansted.

Contact: Robin Spence on 01223 312254 or [rspence@carltd.com](mailto:rspence@carltd.com)

### → France, Aveyron

Mountain tranquillity only 90km from Med coast. Medieval hamlet in beautiful isolated valley with 3 comfy stone gites each sleeping from 4 to 8, all mod cons. Ideal for walkers and nature lovers, handy for Templar, Hospitaller and Cathar country, Sylvanes Sacred Music Festival, Hérault wine routes.

[www.blancsursanctus.fr](http://www.blancsursanctus.fr)  
Contact: +33 5 6549 3158 or [gites@blancsursanctus.fr](mailto:gites@blancsursanctus.fr)

### → Germany, Black Forest

Traditional wooden house at the foot of the Feldberg mountain in one of the prettiest valleys of the Black Forest. Sleeps up to 8-10. Idyllic setting, suitable for families. Ideal for walking, skiing and relaxing. Direct flights from Stansted and Luton with Ryanair and Easyjet. £275-£375 per week (depending on season). Photographs available.

Contact: [blackforestholidays@googlemail.com](mailto:blackforestholidays@googlemail.com)

### → Italy, Tuscany

18th Century farmhouse with East-facing studio available September to May. Restored to high standard, with writers, artists, academics in mind. Central heating; mod cons; broadband. Beautiful situation above small hamlet 10 miles from Lucca. Sleeps 5. Long term rent discounts. Further information and photographs available.

Contact: [r.gooder@btinternet.com](mailto:r.gooder@btinternet.com)

### → North Yorkshire Moors

Cottage in Low Mill, Farndale, with sitting room, dining room, play room, kitchen, 4 bedrooms, 2

bathrooms and garden with lovely views. Sleeps 7. All mod cons. Fabulous walks in all directions. Near Rievaulx, Castle Howard, Runswick Bay. 2006 rate: £340/week.

Contact: Horace or Miranda Barlow tel: 366618 / 333813 or [hbb10@cam.ac.uk](mailto:hbb10@cam.ac.uk)

### → Spain, Murcia region (Costa Calida)

Superb, 2 bed penthouse flat with magnificent views. Sleeps 6, secure grounds, private indoor & outdoor pools, spa, gym, sauna, children's play area, garage. On beach. Near golf courses, inc La Manga. 30 mins from Murcia airport. Rent 240-530 Euros a week.

Contact: 01480 455391 or [beehouseuk@yahoo.co.uk](mailto:beehouseuk@yahoo.co.uk)

### → Spain, Andalucia

Villa with 2 bedrooms, 2 bathrooms, air-conditioning in Nerja, Costa del Sol, 45 minutes Malaga airport. Wonderful sea views, south facing terrace & garden, large communal pool. Near mountains, cliffs and sandy coves. Granada one hour, Seville & Cordoba two hours. Low Season £345. Mid £395 or high £445 per week.

Contact: [villa@thesmys.co.uk](mailto:villa@thesmys.co.uk)

## VOLUNTEERS WANTED

### → Enterprising staff to help businesses for underprivileged

Staff are needed as advisers to help on five different charitable projects run by the newly-formed Cambridge student branch of SIFE. SIFE is a global organisation active in 1,800 universities in 46 countries; students are guided by university and business advisers to develop projects which create economic opportunity for others. Projects planned in Cambridge include enterprise projects with homeless people and teenagers. Contact: [milena@sifecambridge.org.uk](mailto:milena@sifecambridge.org.uk), tel: 0788 6961430

### → Help disadvantaged adults

Cambridge OnLine/Pathways is a volunteer based charity to help disabled and disadvantaged adults to access computers. We are seeking new volunteers who can give two hours each week or fortnight during the daytime. Our main centre is in Hawthorn Way. If you are interested or want to find out more visit our web sites [www.pathways.org.uk](http://www.pathways.org.uk) and [www.colc.co.uk](http://www.colc.co.uk)  
Contact: 0845 459 0192 or [help@cambridgeonline.org.uk](mailto:help@cambridgeonline.org.uk)

### → SOS – Save our Soles

Volunteers needed to help provide basic foot care to homeless people in Cambridge. Full training & support given. 3 hours per month – monthly visits take place on a rota. If you want to help, or would like more information

Contact: Harvey Levison, St John Ambulance tel: 564830, [hjlevison@yahoo.co.uk](mailto:hjlevison@yahoo.co.uk)

## → Job coaches

Volunteers needed to support homeless people in their transition back into working life. No need for experience, full training given. Looking for excellent communicators, able to deal with challenging situations. Initial period 6 to 8 weeks of regular meetings (half an hour a week) to help coachee with CV, motivation, interview skills and structure their job search.

Contact: Helen Haynes on 01733 244557 or

[helen@positivemedia.org.uk](mailto:helen@positivemedia.org.uk)

### → Volunteer in Mexico/India/ plant trees in Africa?

Non profit-making company working on conservation projects in rain /cloud forests in S and Central America/ humanitarian projects in India/ planting trees in Africa! Needs volunteers, sponsors or even kind benefactors! A means of gaining hands-on conservation work experience. Ideal for gap year or even a break from the office! [www.down2earthdown2us.org/](http://www.down2earthdown2us.org/)  
Contact: [helensd@gmail.com](mailto:helensd@gmail.com)

### → Pregnant?

Are you expecting a baby due between December 06 and early March 07? Would you be interested in taking part in 'Preparing for Patients D', a programme for third-year medical students who visit and talk with women at home to learn about women's experience of pregnancy and childbirth?

Contact: Joanna Griffiths on tel: 586643 or

[jg239@medschl.cam.ac.uk](mailto:jg239@medschl.cam.ac.uk)

### → Could you be anaemic?

Iron deficiency is affecting 10-30% of menstruating women in Europe. We are researching how well iron is absorbed from dietary supplements. If you think your iron levels might be low and you are healthy female aged 18-45 years, willing to attend on four occasions over a 6-weeks period (including 2 visits of 5 hours), willing to give blood samples. Participation and reasonable travel expenses reimbursed.

Contact: Dr Dora Pereira tel: 426356 or [Dora.Pereira@mrc-hnr.cam.ac.uk](mailto:Dora.Pereira@mrc-hnr.cam.ac.uk)

### → Nutrition research

We are running a research study to look at the effects of taking fish oil capsules. If you are: healthy, aged 20-80 years, do not eat oily fish, willing to have 3 fat samples taken and to provide blood samples, willing to take fish oil capsules for 1 year. You will be reimbursed with an honorarium of £150 for participation & reasonable travel expenses.

Contact: Joanna Gambell on tel: 437 523 or [Joanna.Gambell@mrc-hnr.cam.ac.uk](mailto:Joanna.Gambell@mrc-hnr.cam.ac.uk)

## SERVICES

### → Transcription service

An established Cambridge-based service, Academic Transcriptions specialises in the transcription of recorded interviews, lectures, seminars and conference proceedings for academics and researchers. We also undertake research-related data processing tasks and secretarial services. See website:

[www.academictranscriptions.co.uk](http://www.academictranscriptions.co.uk)  
Contact: tel: 872291 or [susan.barnard1@btinternet.com](mailto:susan.barnard1@btinternet.com)

## SPORTS

### → Come and play basketball

Cambridge Cougars – the most successful club in Cambridgeshire – has moved to Chesterton Sports Centre, Cambridge. Practices Wednesday evenings. All ages welcome, juniors to veterans. For more info Contact: Paul tel: 234894

### → Basketball at Comberton

Regular pick-up games for experienced adult players at CB3 Sports & Fitness centre at Comberton Village College, every Saturday from 10am to noon. Cost is £4 per player, with all proceeds towards court fees.

Contact: Rob at [robertwdickinson@yahoo.com](mailto:robertwdickinson@yahoo.com) or just show up!

The University of Cambridge accepts no responsibility for the advertisements or their content.

## CHRISTMAS PUZZLE



Set by the Millennium Maths Project based at the University

120 Christmas trees are planted in a rectangular array of 10 rows and 12 columns. The farmer chooses the shortest tree in each of the columns and then marks the tallest of these 12 shortest trees with a letter A. Then the farmer chooses the tallest tree from each of the rows and marks the shortest of these 10 tallest trees with a letter B. Which is the taller tree, A or B?

Answer: Of the 12 shortest trees, A is the tallest. Nevertheless it is the shortest in its column. Of the 10 tallest trees, B is the shortest. Nevertheless it is the tallest in its row. The row where B is and the column where A is intersect at a tree. Let us call this tree C. Now, C is definitely shorter than B because B is the tallest in C's row. In terms of height, C < B. And of course, A is definitely shorter than C because A is the shortest in C's column. In terms of height, A < C. If A < C and C < B then A < B. So B is taller than A. By Li Xinlin, Tao Nan School, Singapore.

# BACK PAGES



## CHRISTMAS MUSIC AT THE UNIVERSITY

### 3 December, 8.30pm

Advent carol service by candle light; choir of Girton College.

**Great St Mary's Church**

### 7 December, 7.30pm

Mozart's 'Exsultate Jubilate' by the Academy of Ancient Music.

**West Road Concert Hall**

Bookings: Tel: 503333

### 9 December, 8pm

Music by Haydn and Bartok: St John's College Choir and the Britten Sinfonia.

**West Road Concert Hall**

Bookings: Tel: 357851

### 12 December, 6pm

Celebration of Christmas, gala evening. Proceeds to King's College Chapel Foundation.

**King's College Chapel with the Choir of King's College**

Tickets: £30 – £200; bookings: Tel: 331247

### 14 December, 7.30pm

New Cambridge Singers present a seasonal selection.

**Fitzwilliam Museum**

### 16 December, 3pm

Traditional carols and readings for Christmas followed by mulled wine and mince pies.

**Great St Mary's Church**

### 16 December, 7.30pm

Haydn's Creation performed by Collegium Laureatum

**West Road Concert Hall**

Bookings: Tel: 01223 357851, tickets@collegium.org.uk

### 17 December, 6.30pm

Nine Lessons and Carols by Candlelight.

The choirs of Great St Mary's

**Great St Mary's Church**

### 20 December, 3pm

University Staff Christmas Carol Service, followed by mulled wine and mince pies.

**Great St Mary's Church**

### 24 December

4pm Carols for children; 11.30pm

Midnight Mass

**Great St Mary's Church**

### 24 December

Festival of Nine Lessons and Carols, 3pm. For the City of Cambridge and the general public. Those joining queue before 9.30am should gain admission, but can't be guaranteed. Not suitable for young children.

**King's College Chapel**



KING'S COLLEGE/ANDREW HOUSTON

### Christmas Day

8am Holy Communion; 9.30am Festival Parish Communion; 11.15am Choral

Mattins

**Great St Mary's Church**

### Christmas Day, 11am

Carols, sung Eucharist, children welcome. After places have been kept for members of the College and their guests, visitors are welcomed.

**King's College Chapel**

Behind the scenes with the King's choristers.

## NEWS FROM THE 800TH CAMPAIGN



Aniela Shuckburgh of CUDO reports, in the first of a series of regular updates

THE 800TH Cambridge Anniversary Campaign was publicly launched in September 2005 with a goal of raising £1 billion by 2012. The money is to support our students, our staff, our freedom to discover, and our collections and architectural heritage. Over £350 million had been raised at that point.

The University and Colleges have had a very successful first year with the Campaign; a full analysis of its financial progress will follow in a future edition of the Newsletter. This success reflects the fact that for the first time the Colleges and University are working together as one – a gift

to either counts towards the total.

Most recently the Chancellor, HRH The Duke of Edinburgh, hosted a special Campaign event in November in Buckingham Palace. This was to celebrate the first year and to thank Cambridge's most generous benefactors. Some 200 alumni and friends attended from all over the world, including the Far East, North America and the Middle East, as well as senior academics from the Colleges and University.

→ For more information contact Aniela Shuckburgh, Head of Campaign Affairs, tel: 33167 or adw46@cam.ac.uk

## ETHICAL CAMBRIDGE PRESENTS

● A beautiful photographic 2007 calendar, mousemat or jigsaw puzzle in aid of water wells in Africa. Choose from images of either Africa or Cambridge,

many taken by Mark Booth of the Department of Pathology. He set up the Matangini Project with colleagues to raise funds for digging wells in Kenya and Uganda.

→ [www.photoboxgallery.com/matangini](http://www.photoboxgallery.com/matangini)

● Delicious Fairtrade chocolate, plus a huge range of high street products. In aid of Cambridgeshire's HIV and sexual health charity DHIVERSE where

a high proportion of volunteers are University students. It has teamed up with the Ethical Superstore which gives 10% of all purchases to the charity.

→ [www.buy.at/dhiverse](http://www.buy.at/dhiverse)

● Original works of art in aid of Cambridge's hospice, Arthur Rank House, at an art auction of works donated by leading regional artists. Saturday 2 December, 4pm, viewing 2–4 pm. Cripps Court, Chesterton Road (Magdelene College).



Try one of these ten activities, all available within the University, to give a fresh flavour to 2007

# Do something different this New Year

**1** Watch the **Cambridge skyline** changing live before your eyes thanks to a webcam positioned on the top of Keynes House, next to the Judge Business School. The effect of the changing light across the rooftops can be quite magical.

→ [www-building.arct.cam.ac.uk/LCHES/webcams/camwebcam.html](http://www-building.arct.cam.ac.uk/LCHES/webcams/camwebcam.html)

**2** If you ever feel nostalgic about leotards and soft pink leather shoes, why not try the **adult Russian ballet classes** run by the USSC (University Sports and Social Club) on Mill Lane. Also available are darts, cricket, fishing, football, Tai Chi, with many activities free. The swimming section meets every Tuesday 7.15-8.15pm at the Leys School pool with free trial swim.

→ [www.ussc.cam.ac.uk/clubs/russian/russian.shtml](http://www.ussc.cam.ac.uk/clubs/russian/russian.shtml)

**3** Go for a **winter punt** with specially provided hot water bottles and rugs at Scudamore's Punt Hire. Scudamores offers reductions to University staff over the winter period of £10 instead of £14 weekdays, and £12 instead of £16 weekends and bank holidays.

→ Tel: 359750

**4** **Realize your business dreams** on Tuesdays. Every Tuesday until 27 February 2007, would-be entrepreneurs can go along to the Engineering Department to hear the wisdom of experienced entrepreneurs in a series of free talks and networking sessions. 'Enterprise Tuesdays' are open to all, 6-8.30pm, room LTO. These inspiring sessions are organised by the Centre for Entrepreneurial Learning (CfEL). Register your free place:

→ [www.entrepreneurs.jbs.cam.ac.uk](http://www.entrepreneurs.jbs.cam.ac.uk)

**5** **Travel to Europe** more greenly, thanks to a new store on Cambridge station. Staff wanting to avoid the pollution of air travel have had the wheels of their journey oiled. At the Trainseurope store tickets can be bought for train travel throughout Europe and the developed world, as well as cheap Inter-Rail and Eurodomino rail passes for students.

**6** Pick up tips on **women's careers** at one of the events run by the University's Women's Network. Women's careers tend to differ in structure from those of men. In addition, the median salary of female permanent academic staff is still less than that of male academic staff. Future events include:

- Celebrating Women's Careers, 7 December, (4-5.30pm, Corpus Christi)
- Career Building Skills for Women, 7 February, (4-5pm, F&G6 Addenbrooke's). Topics range from negotiating flexible working to applying for promotion.

→ [www.admin.cam.ac.uk/offices/personnellequality/network/index.html](http://www.admin.cam.ac.uk/offices/personnellequality/network/index.html)

**7** **Take up the trumpet**, the violin – or any new instrument – using the 10% discount to University staff on all purchases at Millers Music Centre and Ken Stevens. It might help you get through the dark winter: music has been proven to be effective in improving wellbeing, self-esteem and mood.

→ Ken Stevens, 12 Sussex Street, tel: 354452

**8** **Print on both sides** of paper. If each member of staff followed this simple

operation, suggested by Deborah Whiteland in the Office in Communications, think how many trees the University would collectively save. To set the default setting of your printer to print double-sided: On your desktop right click on >'My Computer' >open >go to 'other places' and click on control panel > select 'printers and other hardware' > then 'printers and faxes' >select your printer and right click >select 'printing preferences' then >'finishing'. >tick 'print on both sides' and >OK. To print single-sided, when you print uncheck 'print both sides' under 'properties'.

**9** **Support recycling** and save money by checking the University website before you shop. Here you may find what you want free or for a very low price. Trade pretty much anything, from bicycles to beard trimmers, and even pick up items for free (a Clangers poster and 145 used Fletton bricks were recently on offer).

→ [www.cam.ac.uk/cambuniv/annevng.html](http://www.cam.ac.uk/cambuniv/annevng.html)

And if you are moving house, and want to get rid of or **acquire furniture**, go to the newly created 'moving sales' section of the Newcomers and Visiting Scholars website.

→ [accommodation\\_service@admin.cam.ac.uk](mailto:accommodation_service@admin.cam.ac.uk)

**10** **Learn Polish** or Ukrainian at the Department of Slavonic Studies which is offering elementary classes to all members of the University. Both are held at the Sidgwick Site.

→ Contact the Departmental Secretary, Ms Masha Sutton, [slavon@hermes.cam.ac.uk](mailto:slavon@hermes.cam.ac.uk).

