



# WHEEL

THE NEWSLETTER 2015  
ST CATHARINE'S COLLEGE, CAMBRIDGE



IN THIS ISSUE:

THE ADDENBROOKE CONNECTION | NEW GRADUATE BURSARIES | MEMORIES FROM ST CHAD'S



FROM THE MASTER

**PROFESSOR DAME JEAN THOMAS (2007)**

As I write, we are still coming to terms with the sad news of Chris Bayly's death in Chicago in April. Chris was not only a world-famous historian but a familiar and well-loved figure in College, and we will all miss him greatly. You can read a short tribute to Chris on the facing page.

Our major focus in this year's *Wheel* is on Medicine at St Catharine's, including the College's link with John Addenbrooke (d. 1719), who left £4,500 in his will to found a hospital for the poor. This hospital became Addenbrooke's Hospital in Cambridge, now a major Teaching Hospital. The articles create a picture of medical studies at St Catharine's both in Addenbrooke's time here as an undergraduate (and later Bursar), and now. The feature also marks the new display of John Addenbrooke's library in a handsome purpose-built bookcase in our recently refurbished Ramsden Room.

Amongst other offerings we bring you: an article by our Fellow in Economics, Dr Sriya Iyer, who was awarded a Cambridge University Pilkington Prize for Teaching Excellence last year; reminiscences from alumni who lived in St Chad's; and interviews with our current JCR and MCR Presidents about their responsibilities and aims in office. We're also very pleased to feature our new graduate bursaries, which have been funded by generous alumni and will enable many outstanding graduate students to come to St Catharine's in years to come.

Happy reading!

NEWS HIGHLIGHTS

**The College has a new website!**

Launched in May, the site (pictured) boasts a bright, clean design, beautiful new photography, a streamlined and improved calendar, and a new alumni booking console. Visit [www.caths.cam.ac.uk](http://www.caths.cam.ac.uk) to take a look.



**Professor Eilís Ferran (1980; Fellow, 1987)**

has been appointed one of the University's new Pro-Vice-Chancellors, focusing on human resources and the University's international affairs, with effect from 1 October 2015. Professor Ferran is a St Catharine's alumna and Professorial Fellow, and has previously been Chair of the Law Faculty, where she is a Professor of Company and Securities Law.

We are very pleased that, from next academic year, our second-year accommodation at **St Chad's** will have its own Porters' Lodge, staffed 7 days a week. You can read reminiscences of life in St Chad's on pages 10–11.

Graduate student **Richard Dent (2013)** hit the news in March when he set up a crowd-funding venture to help athlete Jimmy Thoronka of Sierra Leone, who did not return home after the Commonwealth Games last year because of the Ebola crisis. The fund hit its £20,000 target within 48 hours and raised a total of £30,000.

We will be holding a **1473 Foundation Gala in Hong Kong** on Saturday 9 April 2016 to celebrate the generous donations of our Members in the Asia Pacific region and to welcome them to the 1473 Foundation. If you would like more details about the 1473 Foundation, please contact the Alumni and Development Office.

We would like to congratulate current graduate student **Priya Crosby (2010)**, and current undergraduate **Sarah Lucas (2011)**, who were part of the winning Women's Lightweights at this year's Henley

Boat Races, as well as undergraduate **Alistair Nelson (2011)**, who coxed the Men's Lightweights to victory!

Our **Admissions and Access team** will be running an Access Bus scheme in June, visiting schools around Suffolk with student volunteers to give talks and answer questions about studying at Cambridge. We are hoping to run future schemes in Cambridgeshire and Rutland too.

**The College Choirs** will be launching a new CD of seasonal music (an ideal Christmas present!) with a concert on Tuesday 8 December, at 6.30pm at The Guild Church of Saint Martin within Ludgate, London. Tickets can be booked via the College website.

This year marks three hundred years since the death of **Adam Buddle (1678; Fellow, 1681)**, cleric, botanist, and student and Fellow of St Catharine's. The buddleia plant was named after him, and to commemorate his achievement we have installed a special plaque in the College gardens (pictured).



**PROFESSOR SIR CHRISTOPHER  
ALAN BAYLY, 1945–2015**



We were shocked and saddened to hear of the death of Chris Bayly, longstanding St Catharine's Fellow and Honorary

Fellow since 2014, who died on Sunday 19 April of a heart attack whilst on one of his annual spring visits to the University of Chicago, where he was the Swami Vivekananda Visiting Professor.

Chris took his BA and DPhil at Oxford, before being elected in 1970 to the Fellowship at St Catharine's, where he was Director of Studies in History until 1992. During these years, he researched and wrote the works on South Asian history that established his scholarly reputation. In 1981, he was elected to the Smuts Readership in Commonwealth Studies, and thereafter held a succession of posts in the Faculty of History, culminating in his election as Vere Harmsworth Professor of Imperial and Naval History in 1992. In 2005, he won the Wolfson Prize for History for his lifetime achievements and in 2007 was knighted for services to history outside of Europe. He retired from the Faculty in 2013, and since then had held a professorship at Queen Mary University of London.

Tributes to Chris as a person and to his scholarship have been published in many countries, and it is clear that he was held in high esteem not only in Cambridge and St Catharine's, but around the world. His influence was not confined to his scholarly work, but also came from his role in guiding and nurturing younger scholars. We have lost a friend and valued colleague, and he will be sorely missed.

*Chris Clark, Jean Thomas and  
John Thompson*

## SPORTS HIGHLIGHTS

### **Badminton** Captain **Rachel Marshall (2013)**

#### WOMEN'S

- Maintained position in bottom half of Division 1 in the league this year
- Some very close matches in Cuppers thanks to enthusiasm of both old and new players

### **Basketball** Captain **Aaron Critch (2010)**

- League: Finished top of Division 4 in Lent to gain promotion back to Division 3
- Cuppers: Catz 44–42 Wolfson in the round of 16; Catz 57–41 Trinity in quarter-finals
- Will face St Edmund's in Cuppers semi-finals in Easter Term

### **Football** Captain **Stuart Cummings (2012)**

#### MEN'S

- League: 1st team (Premier League) won 1 (Catz 3–2 King's), lost 8; 2nd team (Division 5) won 1 (Catz 4–1 King's), drew 1, lost 6
- Cuppers: Catz 3–4 Girton in first round
- 5-a-side (Division A): Catz lost both matches

### **Hockey** Captains **Juliet Michel (2013), Sam Cole (2013) and Matt Diesel (2013)**

#### WOMEN'S

- Finished second in league (Division 1), including a 5–1 victory against Murray Edwards
- Reached Cuppers semi-final (to be played in Easter Term)

#### MEN'S

- League: During whole season played 12, won 5, drew 1 (and won 2 by default – opposition forfeited)
- Season top scorers: Scott McKechnie and Sam Cole (6 goals each)

#### MIXED

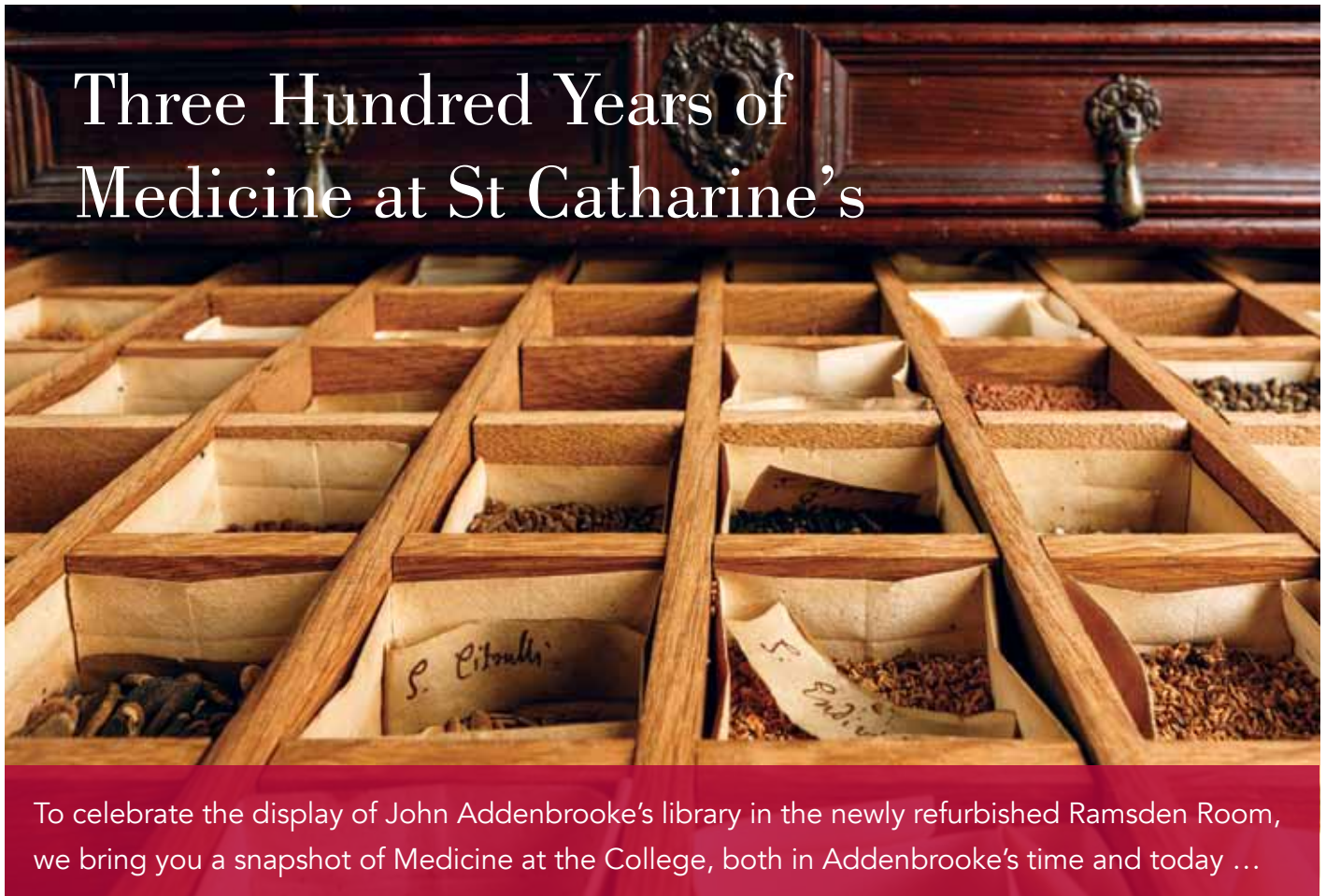
- Cuppers: bye against Churchill/Trinity Hall in first round; Catz 0–1 Emmanuel in second round

### **Rowing** Captain **Jonathan McCree-Grey (2012)**

- Lent Bumps: men's and women's 1st Vllls were bumped every day (–4); men's 2nd VIII (sandwich boat) rowed over twice and were bumped three times (–3); women's 2nd VIII bumped once, rowed over once, were bumped twice (–1); men's 3rd VIII missed out on qualifying by 3 seconds
- Head of the Nene: men's 1st VIII placed 4th in Intermediate 3; women's 1st VIII placed 3rd in Novices
- Head of the River Race: men's 1st VIII placed 254th (London); women's 1st VIII placed 253rd (Tideway)

### **Water Polo** Captain **Emma Tarrant (2012)**

- Michaelmas: Catz 5–3 Emmanuel, Catz 2–6 Magdalene, plus automatic win against Caius (forfeited)
- Lent: Catz 4–4 Trinity Hall, plus automatic win against Caius and Emmanuel (forfeited)



To celebrate the display of John Addenbrooke's library in the newly refurbished Ramsden Room, we bring you a snapshot of Medicine at the College, both in Addenbrooke's time and today ...

**Professor Nick Morrell (Fellow, 2013) looks at the life of our most famous medical alumnus, and the world-famous hospital which bears his name**

John Addenbrooke, founder of Addenbrooke's Hospital, was born in Staffordshire in 1680. Little is known about his early life before his arrival at Cambridge and admission to Catharine Hall in 1697. At Catharine Hall he joined a community of forty scholars comprising the Master, Fellows, and students, and would have shared a room with three or four others. It is likely that Addenbrooke had originally intended to enter the Church and later decided to study Medicine: he took an Arts degree (BA) in 1701–2 and then an MA in 1704, before embarking on his medical degree, assisted by a series of scholarships. Medical students would have studied the traditional medical texts and sought out medical Fellows for

private tuition, supplemented by visits to the apothecary. For the fortunate student, colleges provided rooms for dissections and chemistry experiments.

Cambridge produced a number of distinguished physicians during this time, but the teaching was not well-organised. Regius Professors of Physic of the time never lectured regularly and the University did not appoint professors of anatomy, chemistry and botany until the early eighteenth century. The University Calendar for 1702 states, "A student of medicine in this University is not required to attend any lectures but is left to acquire his knowledge from such sources as his discretion may point out." Not a recommended approach today!

Shortly after receiving his MA, Addenbrooke was elected a Fellow of Catharine Hall. He received, in 1706, his licence to practise medicine from the College of Physicians,

and instead of taking the MB degree, he proceeded directly to the MD in 1710, perhaps because of his standing as a Fellow.

Addenbrooke was particularly interested in *materia medica* and he lectured on the subject in Catharine Hall from 1705. He amassed a large collection of specimens, which he presented to the College. His chest (pictured above) is now in the Armitage Room and still contains a wide variety of drugs and medicines of the time from around the world, some labelled by Addenbrooke himself. He also donated a number of his classical medical texts and more recent works to the College Library (see page 8 for more details).

In 1711, Addenbrooke married and left Cambridge to practise near London; however, ill health forced him to retire to Hertfordshire, where he died in Buntingford in June 1719, aged thirty-nine. He was

buried in the Chapel of Catharine Hall, where the tomb and its inscription can still be seen.

Although there are no surviving portraits, contemporary accounts describe John Addenbrooke as tall and thin with a wig, of a studious bearing, and with a retiring, serious, somewhat austere disposition. However, there is no doubting his vision and generosity. Presumably his medical practice amongst the poor revealed to him the inadequacy of parish relief for the sick: in his will he left £4,500 (perhaps £520,000 today), "to hire, fit-up, purchase or erect a building fit for a small physicall hospital for poor people" from any parish or county.

Addenbrooke's Hospital opened its doors on 13 October 1766, comprising twenty beds, with a staff of three physicians, three surgeons and one matron. It was originally located on Trumpington Street, Cambridge, opposite the Fitzwilliam Museum, until the demands of the NHS outgrew the old buildings and the hospital relocated to the southern edge of the city in 1976. The modern Addenbrooke's, with over 1,000 beds, lies at the heart of the Cambridge Biomedical Campus, one of the largest centres of health science and medical research in Europe, and the home of Cambridge University School of Clinical Medicine. It is surely John Addenbrooke who laid the foundation stone for Cambridge to become the world-class centre of medical research it is today.



**The blue plaque at the modern Addenbrooke's site marks its link to St Catharine's**



## From one Director of Studies to another

**Professor John Pickard FMedSci (1964; Fellow, 1990), Director of Studies in Clinical Medicine at St Catharine's (1993–2013)**

I came up to Cambridge in 1964 to read Natural Sciences as there was no Medical and Veterinary Sciences Tripos. I was fortunate to be supervised by **Robert Comline (Fellow, 1951), Michael Message (1953; Fellow, 1962), Chris Thorne (Fellow, 1963), Donald Kellaway (1959; Fellow, 1964)** and Bill Grundy. For Part II, I took the new Physiology and Biophysics option which included small group teaching by Alan Hodgkin (Nobel Prize in 1963). Stage 1 of the new Addenbrooke's Hospital had been opened in 1962 and included the new Regional Neurosciences and Trauma Units. There was no Clinical School until 1976 so I moved to Kings College Hospital for my clinical

training. I enjoyed both neurosciences and the surgical life so neurosurgery was the obvious career choice, with training in Glasgow and Philadelphia. I became Consultant Neurosurgeon (1979), and later the first Professor of Clinical Neurological Sciences at the Wessex Neurological Centre in Southampton, before moving back to Cambridge in 1991 as the first Professor of Neurosurgery.

My research has involved much multidisciplinary team-building and has focused on advancing the care of patients with acute brain injury, hydrocephalus and prolonged disorders of consciousness through functional brain imaging, studies of pathophysiology of our 'floating brains', and new treatments and consideration of the relevant economics and ethics. With colleagues, I established and was the first chairman/clinical director of the Wolfson

*... Continued*

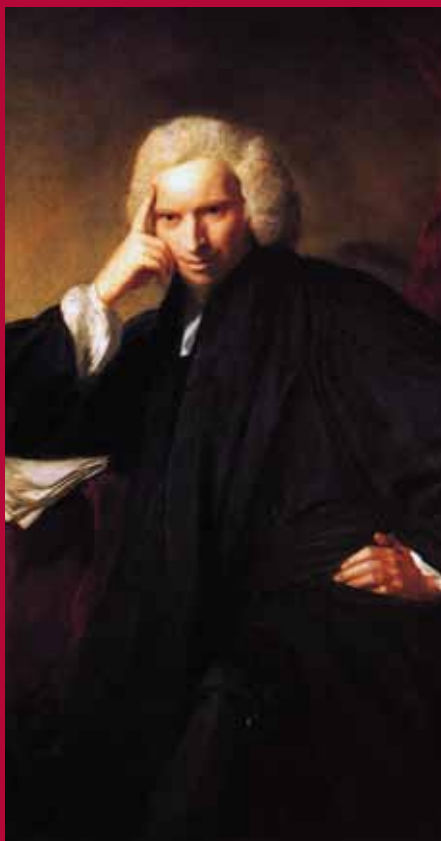
Brain Imaging Centre that is unique worldwide in being built as part of the Neurosciences Critical Care Unit. Following retirement in 2013, I secured the funding for, and became the first Director (Honorary) of, the National Institute of Health Research Brain Injury Healthcare Technology Cooperative, which identifies unmet needs amongst patients and carers that might be susceptible to a technology-based solution. The HTC encourages inventors, small companies and business angels to become involved in finding solutions.

**Professor Nick Morrell (Fellow, 2013),  
Director of Studies in Clinical Medicine  
at St Catharine's since 2013**

I was appointed Director of Studies in Clinical Medicine and Professorial Fellow at St Catharine's following John Pickard's retirement. I was delighted to be

approached to take up the baton from John. I had been working as a clinical academic in Cambridge since 2000 but had never sought a College affiliation before this opportunity came along, partly because I had been kept more than busy teaching, seeing patients at Papworth and Addenbrooke's Hospitals, and leading a growing research lab. However, the challenges of the Clinical DoS's role appealed to me greatly in these changing times. One big change is that until quite recently the majority of medical students read Natural Sciences in Cambridge for their first three years, and many then went on to other Clinical Schools in London or Oxford to complete their clinical student training. However, since October 2014, all students admitted to study undergraduate Medicine at Cambridge will now be granted direct entry into the Cambridge University Clinical School, based at the

growing Addenbrooke's Hospital campus. This is a testament to the way the Clinical School has grown in stature, reputation and size over the last 20 years. The Biomedical Campus, as it is also known, is expanding rapidly and will become the largest such campus in Europe when Papworth Hospital relocates there and the pharmaceutical giant AstraZeneca moves its Global Research and Development headquarters to the same site. The next few years will be exciting times for our students and I hope to help them get as much out of the experience as possible, both during their time as undergraduates at Catz and when they move on to the Clinical School. I sometimes like to think that Dr John Addenbrooke, founder of the hospital that bears his name and Fellow of St Catharine's, although a taciturn and austere man by contemporary accounts, would be proud of his remarkable legacy.



## A 'slice' of history ...

The land that now forms the Master's Lodge Garden and the Fellows' car park was once the site of the University Anatomy School where students were taught in the manner of Versalius: through dissection of cadavers by the University Professor of Anatomy, with a student audience. (Before the establishment of the University School in 1707, anatomy was taught within the Colleges by the eminent medical practitioners David Edwardes and John Caius.) The cadavers would have been delivered to the School by cart in true Hunterian manner: no questions, no provenance (there being no Human Tissue Act to limit such transactions). However, in 1768 a body was delivered from London that was recognised. It was the corpse of Laurence Sterne, most famous for *The Life and Opinions of Tristram Shandy, Gentleman* (1759). Sterne,

a student at Jesus College, had been a notable literatus in the London scene but suffered from consumption (TB), died in London on 18 March 1768, and was buried in the grounds of St George's, Hanover Square, London. In the time it took the relics of St James to reach Santiago de Compostela, the body of Sterne arrived in Queens Lane for dissection. When the body was uncovered and the first cuts made, he was recognised by Charles Collignon, one of the dissectors. Here the stories diverge. It is commonly held that his body was returned to St George's, where it was interred in a pauper's grave; when the graveyard was dug up in 1969 there were many skulls that exhibited the marks of dissection. Others maintain that the skeleton is still held at Addenbrooke's Hospital.

**Dr Philp Oliver (Fellow, 1988)**

*We asked some of our other Fellows in Medicine to explain their research in under 100 words ...*

**Dr John Xuereb (Fellow, 1994)**

I began investigating the neuropathological basis of dementia at a time when two neurodegenerative diseases of the cerebral cortex could be distinguished using the light microscope: Alzheimer's disease and Pick's disease. It became clear that several patients with dementia had neither disease, clinically or pathologically. Over two decades, I have contributed to the clinical, pathological and molecular characterisation of these atypical disorders, which are known collectively as frontotemporal dementia. In doing so, we have identified the perirhinal cortex as the basis for semantic memory (knowledge of the meaning of things).

**Dr Anthony Davenport (Fellow, 1995)**

My research concentrates on understanding the role of receptors, specialised proteins on cells that bind chemical messenger molecules in the human cardiovascular system. The aim is to determine how these are altered with

disease, such as hardening of the arteries, heart attacks and strokes, and to discover new medicines to treat these conditions. My research group are currently testing in volunteers a potential new medicine for treating pulmonary hypertension with a novel mechanism of action.

**Dr Matt Mason (Fellow, 2001)**

I study the structure, function and evolution of the ear, looking in particular at some of the most unusual ears found in mammals. I have recently been working on moles with enormous ear-bones, used to detect ground-borne vibrations, and elephant shrews with middle ears larger than their brains! These bizarre ears are of intrinsic zoological interest, but studying them also helps to show us what is possible in auditory physiology, which animals might be suitable as experimental models of human hearing, and how we might better design prostheses to help people with conductive hearing loss.

**Dr Jeff Dalley (Fellow, 2007)**

My research focuses mainly on the brain and psychological mechanisms of drug addiction, and specifically the difficult

problem of understanding why some people, but not all, become strongly dependent on alcohol and other drugs. My group is particularly interested in deciphering the biological origins of impulsiveness, sensation-seeking, and other personality styles, which many now agree are major causal variables in addiction. Our research is guided by state-of-the-art brain imaging and genetic screening to predict individuals most at risk of this brain disorder, and by the recent discovery of several novel biomarkers for early intervention and treatment development.

**Dr Stefan Marciniak (Fellow, 2011)**

Proteins must be folded properly to function. If this becomes defective, cells experience stress and respond by clearing away these misfolded proteins for destruction. We are interested in the control of this stress response and its importance during development, cell growth and death. We focus on both mammals and fly models with the aim of understanding how this pathway is regulated in different animals and might be targeted to prevent unwanted cell death in disease.



**A nurse in the Gaborone clinic testing the Peek camera on Nisha**

## Graduate research

*Clinical medic Nisha Nesaratnam (2009) also told us a little about her research*

One of the highlights of being a clinical medical student is the elective, a six-week block where we are allowed to go anywhere in the world to explore any aspect of medicine that interests us. I chose to carry out an Addenbrooke's Abroad research project, and was based in a Diabetic Retinopathy Clinic in Gaborone, Botswana, carrying out a pilot study of the Portable Eye Examination Kit (Peek). Developed two years ago at the International Centre for Eye Health, Peek is a smartphone-based system comprising both software and hardware components which enable users to perform comprehensive eye examinations without the need for high levels of training. Excitingly, this inexpensive and portable system means we can perform funduscopy (viewing the back of the eye, the retina, which can be damaged by diabetes); it may thus provide an easy and affordable solution for diabetic retinopathy screening, particularly in rural parts of Botswana.

# John Addenbrooke's Library

Colin Higgins, Librarian

Addenbrooke donated his library of 184 volumes to St Catharine's the year before his death. Approximately three quarters of the books, many of which are lavishly illustrated, are on medical topics. The remainder are a mixture of natural science, history and philosophy.

We've recently rehoused the collection in a purpose-built bookcase in the redeveloped Ramsden Room. This allows us to store the books in sympathetic environmental conditions, display some of our finest treasures, and enable greater access to College Members and the worldwide community of scholars. Among the books in Addenbrooke's library are...

**Thomas Bartholin. Acta Medica et Philosophica Hafniensia. Copenhagen, 1673–1677.**

This journal is often considered to be the first medical periodical. It was founded and edited by Thomas Bartholin (1616–80), a Danish physician whose father, Caspar Bartholin, had been a professor of medicine at the University of Copenhagen. Thomas's revision of his father's anatomical work, *Anatomicae Institutiones Corporis Humani* (first published in 1611), was the standard reference text on anatomy in the late eighteenth century.

Under the younger Bartholin's influence, several Copenhagen biologists contributed to producing five volumes of the *Acta Medica et Philosophica Hafniensia* between 1673 and 1680. Four of the five published volumes are contained in the Addenbrooke's copy.

In describing the content of the journal, historian Lynn Thorndike has written that 'In the case of many of their observations the interest is rather in the odd and

curious, the astounding and marvellous, the unnatural and abnormal'. The illustration below depicts an individual referred to as the 'Norwegian monster'.



**Wilhelm Fabry. Opera Observationum et Curationum Medico-Chirurgicarum quae extant Omnia. Frankfurt, 1646.**

Wilhelm Fabry (1560–1634) was a German surgeon who sought to raise the intellectual rigour of training in surgery, arguing that a thorough knowledge of anatomy was essential to the profession. He began his career as a barber's apprentice, but in 1615 was appointed Surgeon of the City of Berne, a position he held until his death.

Addenbrooke's volume contains Fabry's collected works and letters. It includes 600 case studies, with descriptions of the methods used to treat each patient, and numerous copperplate illustrations of surgical instruments, many of which were invented by Fabry himself.

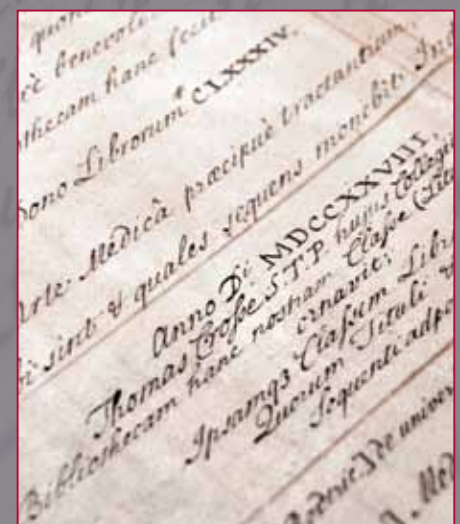


The accompanying image (bottom left) shows the sleeve Fabry devised for use in leg amputations. Made of sheep leather, it had a cord at the bottom, which both closed the sleeve and pulled skin and muscle away from the bone, allowing the surgeon to saw through the bone as high up as possible. The risk to the soft tissues was thus minimized, and excess skin could be used to cover and protect the stump.

**'Neale & Addenbrooke Books'. 18th century. (MS.Cat.3)**

The Addenbrooke donation was recorded in a vellum catalogue (below). This manuscript contains four lists: a) the books bequeathed by Thomas Neale in 1705; b) a copy of the library's 1698 catalogue, with hand-written updates to 1771; c) Addenbrooke's 1718 donation; and d) the Thomas Crosse bequest of 1728 (pictured).

The Addenbrooke books were ordered by size, and shelved in their own sequence of five sections. These books were integrated into the main library sequence after the Sherlock bequest of the mid-eighteenth century. When rehousing Addenbrooke's library in the renovated Ramsden Room, we've restored the original sequence, which may reflect the way Addenbrooke arranged the books on his own shelves.





## Temples and Economists

*Bibby Teaching Fellow and College Lecturer*  
**Dr Sriya Iyer (Fellow, 2000)** explores the  
*economics of religion in India*

It is 6am in the South Indian temple town of Swamimalai. The temple is buzzing – priests chant scriptures in harmony, sandalwood incense sticks and oil lamps glow brightly, and shop vendors hawk their wares loudly, selling fruits and flower garlands to adorn the temple idols. The idols are bathed in milk and honey and dressed for the day in beautiful rainbow-coloured silks, bedecked with sparkling jewels. The smell of sweet rice, brown sugar and cardamom cooking together fills the air. And yet, for all its beauty, the sights and smells of a South Indian temple at dawn are just another early-morning ritual for the residents on the banks of the River Cauvery – a cocktail of prayer, jasmine, roses, sandalwood, oil and ghee, believed to preserve and protect them forever.

Religion is the spiritual expression of a race and a record of its social evolution. Scholars have grappled for centuries with its complexity and persistence: religion has been a force throughout human history, in all corners of the globe, and continues to exercise influence over individuals and their minds. Over 84% of the world's population report a religious affiliation, and the median age of the world's religious population is young at 28 years. Although there is often a perceived epistemological conflict between science and religion, to an economist researching poverty and piety it seems obvious that religion must have economic consequences. And yet economists have had relatively little to say about religion in society, especially in developing countries.

Although Adam Smith first made reference to religious competition in *The Wealth of Nations*, the economic approach to the study of religion highlights religious markets, the socio-economic attributes of



religious communities, how religion affects public goods, and how religious norms increase trust and incentives or impose social sanctions, especially in the absence of well-developed legal systems and property rights. By using economic theory and statistical techniques, and combining them with a deep regard for history and policy, economics can bring insight to evaluations of the role of religion in society.

In my research, I draw upon the first large-scale economic survey of religious organisations, which I led in India between 2006 and 2010, and which I am writing about in a research monograph to be published by Harvard University Press. This research examines how religious organisations across five religions and seven states in India provide religious and non-religious services, in response to income inequality and the competition for adherents.

My findings show that propagating the faith and religious education are key religious services and that technology and the media, including mobile phones, are used innovatively to promote them. Non-religious service provision includes education, health, employment, childcare, food distribution and other services. I find striking variations across religious groups in their provision of blood donation and other

medical camps, flood relief, old-age homes, innovative microfinance schemes and cow-lending schemes. One temple even provides aerobics classes! As Indian society becomes more aspirational, wealthy and unequal, limited secular provision of public services, especially in poorer regions, is offset by religious organisations and others providing education and healthcare.

---

... global data demonstrate clearly that as rich countries are becoming more secular, the world overall is becoming more religious

---

Today, global data demonstrate that as rich countries become more secular, the world overall is becoming more religious. This is linked to religious pluralism and participation, religious freedom and persecution, and the growth of religious fundamentalism. Economists must engage more with these contemporary debates for development policy. We need to ask questions about what it means to be 'religious' – is it intrinsic or socially driven? In non-Christian and non-Western societies, what makes the nature of religion there similar or different to the UK or the US? We must further understand the economics of Islam, Hinduism, Buddhism, Jainism, Sikhism, and tribal religions, especially in Africa, the Middle East and South Asia.

In the end, understanding the links between prosperity, poverty and piety will provide this economist, at least, with years of research and reflection. And in the meantime, the rituals of a South Indian temple at dawn, oblivious to all its wider repercussions, will continue as ever – exotic, colourful, calm and serene.

LIVING IN ...

# ST CHAD'S

**Zig Hathorn (1965):** "I arrived at St Chad's in early January 1966, having endured the rigours of a three-week voyage from my then home in South Africa. My keenest recollection of that time was of how early it got dark and how incredibly cold it seemed. Although my room had a gas fire, this was a shilling a pop, so other strategies were clearly needed. I discovered that there was an abundance of hot water available, so my evening routine went something like this: I would run a pleasantly hot bath and lie there soaking, all the while adding more hot water, until I was a robust cherry red. I would then leap out, towel off, don my woolly pyjamas and long socks, put on my dressing gown and roar downstairs to my room and into bed. This would allow me six or so hours of warm, uninterrupted sleep. By about 7am things would have cooled off markedly and I had to repeat the above procedure prior to cycling off to work."



**Zig was also kind enough to send us this image of the original St Chad's house, taken in early 1966. He describes his room as "a cavern of Downton Abbey-esque proportions, complete with 10-foot ceilings".**

**Mark Watson (1979):** "As one of the class of '79 I was fortunate to live in St Chad's in the first year of the new flats with my three flatmates, Mark Langham, Mark Amos and Andrew McMillan (all 1979). They fondly recall (or say they do) Sunday roast sessions at 2am and attempts to defrost and grill frozen chops in one blast, resulting in unusual black-and-pink cross sections. My own enduring memory is of when the Queen officially opened Robinson College in May 1981. I was standing outside near the corner of West Road as she departed – the car swept past and turned the corner, all shiny black paintwork and fluttering Royal Standard."

The St Chad's complex on Grange Road started life as a large student house, before blocks of flats were opened in 1980. Many of you got in touch to share your memories of living there ...

**Alison Lamb (1986):** "I studied MML but my friends were mainly scientists and so I ended up sharing a Chad's flat with a natsci, a medic and a vet, all keen rugby players, back in 1989. I don't recall ever fighting for long soaks in the bath, but I do remember the muddy residue after their matches. (I was happier rowing than fighting it out in scrums.) One day, as I wafted about the flat learning quotations from Goethe and Schiller (permit me a little poetic licence there...), I was taken aback to find a brace of dead pheasants hanging in the tiny kitchen, dripping blood. It turned out that our resident vet-to-be had brought her 'work' home with her!"

**Robert Mason (1987)** supplied this picture of **Nick Sales (1987)** (L) and himself (R), and said: "I mainly remember the good view of rugby matches from the top floor and garden parties in the sun."



**Helen Gee (née Semple) (1997):**

"I shared one of the 2-person flats in the old part of the building with a music student: she needed a keyboard, but because access was via a narrow flight of steps and numerous corridors, we couldn't have a piano. Rather than an electronic keyboard, we had a clavichord. One of my best memories is of waking up to the sound of Bach being played in the hallway outside – a very gentle tinkling, like rain."

**Emma Close-Brooks (2009):**

"Chad's was lovely. I remember lots of sunny reading, building snowmen, inadvisable early morning exercise regimes (short-lived) and al-fresco suppers. At one point we had an infestation of clothes-moths in our flat which led to **Fran Boyd-Hill (2009)** and me shutting ourselves and all our clothes, garments, bedding, rugs, everything, in the bathroom, where we vacuumed our belongings obsessively and then, after doing the same to every nook and cranny in the whole flat, carried the vacuum down to the bins to empty it ... I have a distinct memory of watching the cloud of moths drifting merrily back up to the lights of our open kitchen window. Character-building stuff, Cambridge."

## 30 MINUTES WITH ...



### THE JCR AND MCR PRESIDENTS

We caught up with the current JCR President, **Eli Bond** (centre; 2013, Philosophy) and the MCR Co-Presidents, **Ellie Chan** (left; 2009, English BA, History of Art PhD) and **Natasha Watts** (right; 2010, Geography BA and PhD), to hear about their experiences in office.

#### What made you run for the post of President?

**Eli:** I was Welfare Officer last year, and really wanted to follow up some of the issues I'd been thinking about, like rent bands and the refurbishment of Chad's. I also wanted to achieve closer coordination between the JCR and MCR.

**Natasha:** That was one of our aims too – as the graduate community expands, its links with College and the JCR have become even more important. Having been at Catz for a while, I thought I was well-placed to represent the MCR. I really like having someone to share the job with so we can bounce ideas off each other. I know Eli does the same thing with the JCR Vice-President.

**Ellie:** I noticed that a lot of graduates were coming here for a 'Cambridge experience'

but weren't always aware of the wealth of resources in College they could tap into, like the financial support available. I wanted to make sure all the relevant information was there for to those who might not know where to look.

#### How is your year in post going?

**Eli:** I've only been in post since mid-Michaelmas, but I think it's going well!

**Ellie:** We've been in post about nine months now [in March 2015]. I think we've definitely improved our relationship with the JCR.

**Natasha:** Yes, we now coordinate in meetings so we can align our agendas, and we have some joint projects on the go, including a JCR/MCR garden party. Ellie has also set up a series of 'Heritage Talks' for both JCR and MCR members – last week Professor Chris Clark did an informal pre-dinner talk, which was great.

**Ellie:** We're hoping the Heritage Talks will complement the existing Research Seminars. We want to make sure that even one-year MPhil students are getting as intellectually rich an experience as possible.

#### What are the most exciting developments in College you'd like our alumni to know about?

**Ellie:** People are very excited about the new graduate bursaries (I've been lucky enough to get one for my PhD). It's really hard to get funding as a graduate now, and quite a few of our friends have been able to get support from College when they've run out of money and otherwise would have had to drop out.

**Natasha:** The College also funded me to go to Tanzania on a research trip, which my ESRC (Economic and Social Research Council) funding didn't cover at all. It's very frustrating when a lack of access to money actually limits the work you can do, so it's really important that this College support is there.

**Eli:** We're really proud of the fact that we have a very high ratio of students from state schools to those from private schools compared to many other Colleges. I think we also have the biggest careers society – the network of contacts we can tap into is amazing. We're organising new student events all the time: this year, we held our first consent workshop for our freshers, which was really well received. We also went to our sister college in Worcester, Oxford, for a sports day – they just beat us overall but it was a great day, and we're hoping to welcome them to Cambridge next year.

#### What are your current plans for when you leave Catz?

**Eli:** I think I'd like to do more work around sex education – running the workshop was a great experience for me, so perhaps consulting for NGOs.

**Ellie:** I'd like to stay in academia – if Catz started to take undergraduates for History of Art again, I'd stay here!

**Natasha:** I'm hoping to stay in academia too. I could definitely see myself getting experience at another institution, then coming back to College later in my career. Catz is a hard place to leave!

## Funding Graduate Bursaries



The graduates at St Catharine's play a prominent role in our College community. Whether pursuing cutting-edge research, training for a specific profession like teaching, or deepening their knowledge to find high-level employment, our graduate students are equally at home leading a supervision for our undergraduates as they are alongside them on the sports field.

Thanks to the generosity of our alumni, we are delighted to have increased the number of bursaries available to our graduate community. Graduate bursaries are particularly important since the thought of an ever-growing student loan can deter some of our top students from considering postgraduate study. Funding has always been harder to secure in the Arts and Humanities, so we have prioritised these subjects when endowing new awards.

In addition to the established support in Law and Management Studies, endowed through the Jacobson and Benavitch bequests, we can now offer full funding for several new PhD candidates every year, thanks to a tremendous benefaction from **Peter (1974)** and **Christina Dawson**. Support for graduate studies in History has been generously offered by some of our previous historians, and **Jas Bains (1998)** and **Will Bratton (1996)** have

each provided generous support for MPhil students in any subject. Together with the bursaries made possible from our Annual Fund, including the Easter Telephone Campaign, we are now able to offer better support for our graduates than ever before.

*Dr Peter Wothers (1988; Fellow, 1997)*  
*Graduate Financial Tutor*

### WE NOW PROVIDE:

- Four MPhil bursaries of up to £10,000 each, with preference given to existing St Catharine's students, including the **Jas Bains Bursary** and the **Will Bratton Bursary**
- An additional bursary for an MPhil student in History of up to £10,000, established from gifts totalling £50,000 from two Members
- One full PhD bursary (up to £20,000pa) available annually, for a St Catharine's student in Arts, Humanities or Social Sciences
- One or two PhD bursaries of up to £10,000pa, for students in any subject

### CASE STUDY



**Massimo Lando (2013)**, a PhD student in Law who also completed his LLM at St Catharine's, received a Jacobson Scholarship, available to those studying International Law at the College. He told us more about the difference this had made:

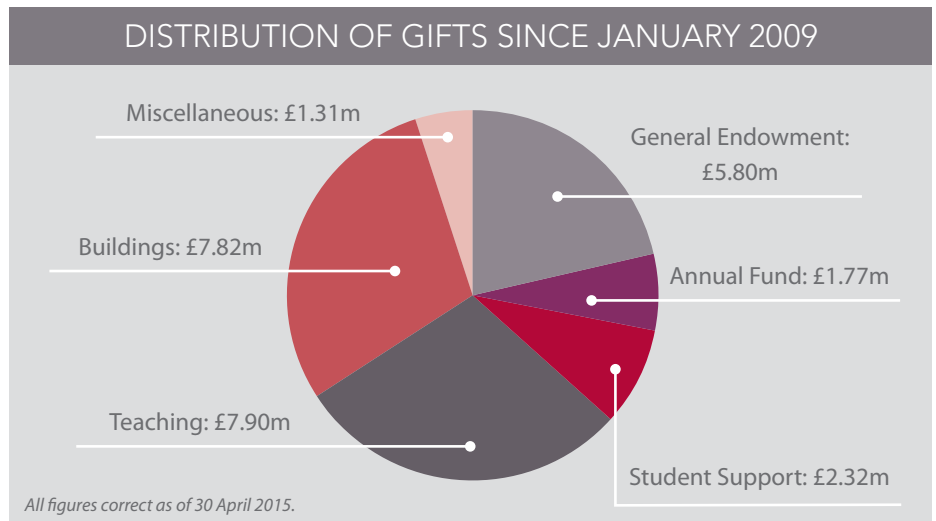
"I was awarded the Jacobson Scholarship for my LLM and re-awarded it this year for my PhD, which looks at the way maritime legal disputes are settled and which I hope to publish as a monograph once it's finished. My fees were, fortunately, covered by a grant from the Cambridge Commonwealth, European and International Trust, but without the Jacobson Scholarship to cover my maintenance expenses, I wouldn't have been able to continue to a PhD, and would have had to interrupt my studies either to train for the Bar in the UK or to return to Italy. The Scholarship is very substantial (£10,000), but even this does not quite cover the actual living expenses in Cambridge (estimated at around £12,000), and if I couldn't supplement the Scholarship with my own savings I would still have faced hardship problems. Applicants want to be reassured that they won't struggle financially during their graduate studies, so financial support is one of the first things they look at when choosing a College. My graduate bursary has made a substantial difference to me, and the provision of more graduate bursaries at St Catharine's is very good news."

## FROM THE DEVELOPMENT DIRECTOR

I am delighted to report that the St Catharine's Campaign, launched in 2009, has so far raised £26.92 million and is nearing its target of £30 million. You can see how Members have chosen to designate these gifts in the pie chart on the right; some additional funds designated for the General Endowment (unrestricted gifts) has been directed towards our current priorities, including Teaching and Student Support.

41% of Members who made a gift to the College this year did so for the first time, meaning overall around 17% of Members have donated to St Catharine's in the last twelve months – a clear endorsement of our values and ambitions for the outstanding education we provide. If you are considering making a philanthropic gift this year, I would urge you to consider giving to St Catharine's. Our alumni take up leading roles in all walks of life, and by donating, you will be investing in the future of the world's economy, arts, healthcare, science, and much more.

A wide range of gifts has brought us to this total, including several transformative gifts totalling £3.5 million towards Teaching and Student Support. This includes a new range of funded graduate bursaries, which



are detailed on page 13. Our Telephone Campaign has also brought our Annual Fund total to £148,000, pledged over the next three years. Most of this money will be awarded to students in the form of bursaries or grants for hardship, research, travel and sports participation, and we are now able to provide financial support for the academic and extra-curricular life of the College to a greater extent than ever before.

In January we were pleased to welcome four new Members to the 1473 Foundation, which exists to recognise those who have given in excess of £50,000 to the College. I am also delighted to tell you that for the first time we are holding a 1473 Foundation Gala in Hong Kong in April 2016, to

celebrate a number of major gifts from our Members in the Asia Pacific region.

We run a busy programme of both regular and new events for our Members. I would particularly like to highlight our two drinks and supper parties in the USA, hosted by the Master: at the Penn Club in New York on Monday 30 November, and at the Battery in San Francisco on Saturday 5 December. In addition, **Professor Ron Martin FBA (Fellow, 1974)** will be our speaker at our reception at the British Academy on Monday 16 November, which promises to be a very special event.

*Deborah Loveluck (Fellow, 2007)*



## SOCIETY NEWS

The College Society – the club for all College alumni and with **Lord Horam (1957; Fellow Commoner, 2010)** as this year's President – continues from strength to strength, with some 8,000 members worldwide. Currently our 11 branches (now covering the whole of the UK and Ireland) are organising over two dozen events in locations ranging from Glasgow to Dartmoor, from Dublin to Lincoln, in College and in London including the House of Lords – see the current list at [www.caths.cam.ac.uk/society-events](http://www.caths.cam.ac.uk/society-events). Members and guests are welcome at all branch events, and should keep an eye particularly on those in neighbouring branches. Every branch would welcome new committee members and suggestions for events. Full contact details on the website.

Our grand Annual Reunion in College is on 26–27 September – see details on the back flap!

Student applications for the Society's 2014–15 grants are still being received but last year we awarded: £810 to support music tuition; £450 for theatre; £2,000 to support rugby, hockey and Christian Union tours; £1,485 for work experience; and a total of £4,506 to 161 students to help with sporting costs. We also work with the Careers Society to bring alumni and students together; and we liaise with the JCR and MCR whenever possible.

We are most grateful for the generous donations given by our Members over many years. If you wish to contribute to our work in helping students, do contact our Treasurer, **Dr John Little (1972; Fellow, 1980)** at [society.treasurer@caths.cam.ac.uk](mailto:society.treasurer@caths.cam.ac.uk) or 01223 338357.

In November every year you receive the St Catharine's Magazine, published by the Society, a further example of the ongoing collaboration between the College and all of us who have studied here.

*David Peace (1966)*  
Secretary, St Catharine's Society



Guests at the Members' Reunion for 1963–66 matriculands gathered on Main Court on 28 March

## RECENT ALUMNI EVENTS

### Geography Reunion Dinner, 8 November 2014

We were delighted to be invited back to College on a wild and wet afternoon in November, for many the first chance for to take part in an event at the McGrath Centre. Over 120 Geographers past and present attended as **Professor Ron Martin (Fellow, 1974)** kicked off the proceedings talking about how economic growth had not been equally shared amongst the UK's regions, and **Dr Ivan Scales (Fellow, 2008)** talked about African agriculture over the last century. The photos of Greenland and the sinkholes in the ice sheet from **Dr Ian Willis (Fellow, 1989)** were also stunning. It was great to see Emeritus Fellows **Professor Michael Chisholm (1951; Fellow, 1976)** and **Dr David Keeble (1958; Fellow, 1964)** in the audience and we later appreciated Ron's work as Wine Steward at the College at a dinner to round off the day's events.

*Stuart Condie (1976)*

### Law Reunion Dinner, 22 November 2014

The Master and over 100 members of St Catharine's Law community, including Fellows, current students, alumni, friends and supporters, gathered in College in November to mark **Professor Sir John Baker's (Fellow, 1971; Honorary Fellow, 2012)** 70th birthday. Sir John was made to sing for his supper, however, having been asked to give the pre-dinner lecture. With the 800th anniversary of Magna Carta

looming, his topic came as no surprise, and he brought his customary blend of formidable erudition and gentle humour to the question – was the famous charter of liberties a statute? After a convivial dinner, **Rona Fairhead CBE (1980; Honorary Fellow, 2012)** spoke about the power of institutions like the College to forge links between their members. This was reflected in the initiative proposed by **Tim Kenefick (1991), James Pereira QC (1990)** and **André Pretorius (1997)** to facilitate contact between current law students and their predecessors, both to encourage present academic ambition and to demonstrate the breadth of opportunities open to Catz lawyers.

*Dr Rose Melikan (Fellow, 1993)*

### Ten Years On, 6 February 2015

On 6th February, 63 young-ish men and women had the pleasure of returning for a ten-year reunion dinner. A decade is a sobering thought, but happily a pre-dinner drinks reception in the SCR helped lessen the trauma, and we quickly agreed that "no-one has changed at all!" A sea of happy faces swapped news over dinner, and eleven Fellows joined us – which, considering they had already endured years of our lateness, wrong answers and occasionally dubious attitude to learning, simply shows what big-hearted souls they are. Our warmest thanks go to the Development Office for organising such a wonderful event.

*Becky Seales (2004)*

## UPCOMING EVENTS

### 2015

SATURDAY 19 SEPTEMBER

Members' Reunion (1996–98), *College*

SATURDAY 26 SEPTEMBER

College Society Annual Reunion and Dinner, *College*

MONDAY 16 NOVEMBER

St Catharine's at the British Academy, *London*

MONDAY 30 NOVEMBER

Drinks reception and supper party, *The Penn Club, New York*

SATURDAY 5 DECEMBER

Afternoon reception and optional supper, *The Battery, San Francisco*

TUESDAY 8 DECEMBER

College Choir concert and CD launch, *Ludgate Hill, London*

### 2016

SATURDAY 2 APRIL

Members' Reunion (1982–84), *College*

SATURDAY 9 APRIL

1473 Foundation Gala (Asia Pacific), *Hong Kong*

SATURDAY 11 JUNE

Garden Party (by invitation), *College*

SATURDAY 11 JUNE

Marquee at the Bumps, *Fen Ditton, Cambridge*

SATURDAY 17 SEPTEMBER

Members' Reunion (1967–70), *College*

## LOOKING FOR A SPECIAL GIFT?



These stunning lapel pins and earrings, crafted in sterling silver and gold, are on sale from

the Alumni and Development Office. Get in touch using the details on the right, or visit our website to find out more.

## MEMBERS' REUNIONS

Please find below the dates for your reunions until the end of 2018. Members' reunions are complimentary and include a black tie dinner in Hall, with accommodation available in College.

### Year Cohorts

2016 Spring: 1982–84 (2 April) Autumn: 1967–70 (17 September)

2017 Spring: 1990–2001 (25 March) Autumn: 1975–78 (16 September)

2018 Spring: 1979–81 (date TBC) Autumn: 1985–87 (date TBC)

*If it is a while until your next reunion, why not join us at the College Society Reunion, to which all alumni and Associate Members are welcome with a guest? See the back flap for details.*





St Catharine's has two beautiful rooms, the SCR (the former Hall) and the OCR, where we can host intimate dinners for our alumni. If you have taken your MA or equivalent from St Catharine's, we would be delighted to welcome you back to take up your dining rights as a group of friends. To enquire about this or about dining at High Table, please contact the Alumni and Development Office.



Additionally, if you are thinking of holding an event in Cambridge, why not consider the wide range of facilities available at St Catharine's, including our stunning McGrath Centre? Contact the Conference Office on +44 (0) 1223 338323 or [conference@caths.cam.ac.uk](mailto:conference@caths.cam.ac.uk)

## FIND US ONLINE

 [www.facebook.com/stcatharines.cambridge](http://www.facebook.com/stcatharines.cambridge)

 [www.twitter.com/catz\\_cambridge](http://www.twitter.com/catz_cambridge)

 LinkedIn: search for 'St Catharine's College'

## CONTACT INFORMATION

ST CATHARINE'S COLLEGE  
Trumpington Street  
Cambridge CB2 1RL  
+44 (0) 1223 338300  
[www.caths.cam.ac.uk](http://www.caths.cam.ac.uk)  
Registered Charity No 1137463

DEBORAH LOVELUCK (2007)  
Fellow and Director of Development  
+44 (0) 1223 337914  
[development.director@caths.cam.ac.uk](mailto:development.director@caths.cam.ac.uk)

ALUMNI AND DEVELOPMENT OFFICE  
+44 (0) 1223 338337  
[alumni@caths.cam.ac.uk](mailto:alumni@caths.cam.ac.uk)

 **THE WHEEL**

THE NEWSLETTER 2015  
ST CATHARINE'S COLLEGE, CAMBRIDGE

EDITOR  
Rosalind Brown | [wheel@caths.cam.ac.uk](mailto:wheel@caths.cam.ac.uk)

PHOTOGRAPHY  
Danielle Bradshaw, Colin Higgins, Tim Rawle,  
Louis Sinclair, and Jamie Tilley

DESIGN & PRINT MANAGEMENT  
H2 Associates (Cambridge)