

Master and Fellows 2012

MASTER

Professor Roger W Ainsworth, MA, DPhil, FRAeS

FELLOWS

Sudhir Anand, BPhil, MA, DPhil Fellow by Special Election in Economics Professor of Economics

Richard J Parish, MA, DPhil (BA Newc) Tutor in French Philip Spencer Fellow Professor of French (Leave M12)

Fram E Dinshaw, MA, DPhil *Official Fellow Finance Bursar*

Peter D Battle, MA, DPhil Tutor in Inorganic Chemistry Professor of Chemistry

A Gervase Rosser, MA (MA, PhD Lond) Tutor in History of Art Librarian (Leave M12-H13)

John S Foord, MA (MA, PhD Camb) Tutor in Physical Chemistry Professor of Chemistry Vice-Master

Robert A Leese, MA (PhD Durh) Fellow by Special Election in Mathematics Director of the Smith Institute **Louise L Fawcett**, MA, MPhil, DPhil (BA Lond) *Tutor in Politics Wilfrid Knapp Fellow*

Susan C Cooper, MA (BA Collby Maine, PhD California) *Professor of Experimental Physics*

Peter R Franklin, MA (BA, DPhil York) Tutor in Music Professor of Music (Leave M12)

John Charles Smith, MA Tutor in French Linguistics President of the Senior Common Room

Penny A Handford, MA (BSc, PhD S'ton) Tutor in Biochemistry Wolfson Fellow Professor of Biochemistry

Timothy Cook, MA, DPhil *Fellow by Special Election*

Richard I Todd, MA, DPhil (MA Camb) Tutor in Material Sciences Goldsmiths' Fellow Professor of Materials (Leave T13)

Marc Lackenby, MA (PhD Camb) Tutor in Pure Mathematics Leathersellers' Fellow Professor of Mathematics

Marc E Mulholland, MA (BA, MA, PhD Belf) Tutor in History Wolfson Fellow Dean M12 (Leave H13-T13) Gavin Lowe, MA, MSc, DPhil Tutor in Computer Science Professor of Computer Science (Leave T13)

Richard M Berry, MA, DPhil *Tutor in Physics*

Ashok I Handa, MA (MB BS Lond), FRCS Fellow by Special Election in Medicine Reader in Surgery Tutor for Graduates

James L Bennett, MA (BA Reading) Fellow by Special Election Home Bursar

David J Womersley, MA (PhD Camb), FBA Warton Professor of English Literature

Cressida E Chappell, MA (BA, MA Hull) Fellow by Special Election Academic Registrar Secretary to the Governing Body

David R H Gillespie, MA, DPhil Tutor in Engineering Science Rolls-Royce Fellow (Leave T13)

Peter P Edwards, MA (BSc, PhD Salf), FRS *Professor of Inorganic Chemistry* **Patrick S Grant**, MA, DPhil (BEng Nott) FREng *Cookson Professor of Materials*

Justine N Pila, MA (BA, LLB, PhD Melb) Tutor in Law College Counsel

Bart B van Es (BA, MPhil, PhD Camb) *Tutor in English Senior Tutor*

Tommaso Pizzari, MA (BSc Aberd, PhD Shef) *Tutor in Zoology*

Byron W Byrne, MA, DPhil (BCom, BEng Western Australia) Tutor in Engineering Science Tutor for Admissions (Leave M12-H13)

W I F (Bill) David, MA, DPhil Fellow by Special Election in Chemistry

Andrew M Barry (BA Camb, DPhil Sus) Tutor in Geography Professor of Political Geography

Richard M Bailey, MA (BSc Leics, MSc, PhD Lond) Tutor in Geography (Leave M12-H13)

Gaia Scerif (BSc St And, PhD Lond) *Tutor in Psychology*

Karl Sternberg, MA Fellow by Special Election Christoph Reisinger, MA (Dipl Linz, Dr phil Heidelberg) Tutor in Mathematics

Robert E Mabro, CBE, MA (BEng Alexandria, MSc Lond) Fellow by Special Election

Kirsten E Shepherd-Barr, MA, DPhil (Grunnfag Oslo, BA Yale) *Tutor in English*

Angela B Brueggemann, DPhil (BSc St Olaf, MSc Iowa) Fellow by Special Election in Biological Sciences Wellcome Trust Career Development Fellow

James E Thomson, MChem, DPhil Fellow by Special Election in in Chemistry

Andrew J Bunker, MA, DPhil Tutor in Physics Reader in Astrophysics

Adrian L Smith, MA (BSc Keele, MSc Wales, PhD Nott) Tutor in Zoology

Andreas Muench, MA (Dr phil, Dipl TU Munich) Tutor in Mathematics Reader in Applied Mathematics

Kerry M M Walker, DPhil (BSc Memorial, MSc Dalhousie) Fellow by Special Election in Biomedical & Physiological Sciences Udo C T Oppermann (BSc, MSc, PhD Philipps Marburg) Professor of Musculoskeletal Sciences

Alain Goriely, MA (Lic en Sci Phys, PhD Brussels) *Professor of Mathematical Modelling*

Naomi Freud, MA, MSc Fellow by Special Election Director of Studies for Visiting Students

Gordon Gancz, BM BCh, MA *Fellow by Special Election College Doctor*

Geneviève A D M
Helleringer (Maîtrise
ESSEC, JD Columbia,
Maîtrise Sciences Po,
Maîtrise Paris-I PanthéonSorbonne, Maîtrise
Paris-II Panthéon-Assas,
Doctorat Paris-I PanthéonSorbonne)
Junior Research Fellow
in Law

Duncan A Robertson, MA, DPhil (BSc Lond) Fellow by Special Election in Management

Peter T Ireland, MA, DPhil Donald Schultz Professor of Turbomachinery

Katharine E Carr (BSc, PhD Glas), FIBiol Fellow by Special Election in Medicine



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Page Image: The Charter, granted to the College by HM The Queen, in 1963

Photograph by Guy Bell (www.gbphotos.com)

Master's Report



In our fiftieth anniversary year as a College, it is worth reflecting on the paths that have drawn the community of St Catherine's together. Our roots lie in the founding of the Delegacy for Unattached Students in 1868, following the Royal Commission of 1852, which had concluded that Oxford and Cambridge needed opening up to a broader based clientele.

George Kitchin, later Dean Kitchin, Dean of Winchester and then of Durham, had the privilege of being the pilot of this great experiment, taking on the role of first Censor. As part of the research for the book we have recently published about St Catherine's, we uncovered his portrait lying in a basement in Christ Church. He can now be seen in our book alongside his five successors, Censor Bullock being the last of them.

The book also offers a glimpse of the character of JB Baker – known as 'The Jibber' – in the photograph of the 1899 Torpids Four. He appears there as the scruffiest, most nondescript coach, and together with an equally flea-bitten mongrel, poses alongside the proud winners of a prize pewter tankard for their performance on the river.

The Jibber was actually a very popular Senior Tutor from 1891 and, later in the book, he may be seen thirty years on, sporting the same unmistakable luxuriant moustache, but now in smarter attire, as Censor, a post he held from 1919 until 1930. He conducted a much needed reorganisation of the tutors and sowed the seeds for our taking the name 'St Catherine's'.

The moving finger of time shifts now to the last Censor, Bullock, appointed sixty years ago, becoming the first Master eight years later, and the orchestrator of all we see around us today. The Bullock years and characters seem so vibrantly familiar to my generation that it

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feels somewhat unnatural to be considering them in a historical context.

Nova et Vetera – Knapp recruiting Bullock; Bullock, Jacobsen, the key players besides Knapp: Horwood, Davies, Dickson, Tayler, Holmes, Schultz and Simopoulos; the orchestra somehow miraculously playing in the same key. Shaping, debating, passion, vision, politics, arguments. Their legacy for us is both remarkable and distinctive – a forge for our students, a stage for our players, and a board for our pieces.

It is clear that our students have indeed made the most of this forge in our anniversary year. They have teased us in this year of all years by producing 49 Firsts in our 50th year, but we are more than pleased with that. We will take that, because by more than the simple arithmetic, we have had an astonishing year in terms of the quality of performance.

Across thirteen end-of-year examinations, our students secured top Firsts: Geography (Sebastian Koa, Prelims); Human Sciences (Lizzie Wilkins, Prelims; Benjamin Rinck, Finals); Chemistry (Jonathan Mannouch, Part I Finals; David Shepherd, Part II Finals); Materials Science (Frederica Onslow, Prelims; Samuel Tham, Part I Finals; Phei Qi Sim, Part II Finals); Materials, Economics and Management (Brett Nielsen, Part II Finals); Economics and Management (Michael Hill, Finals, and by a large margin over the runner up); Physics (Lo Po Tsui, BA Finals); and Mathematics (Paul Dobson, Mods; Bodan Arsovski, Part I Finals).

Yet in such a remarkable year, we ask too, 'why else are we here'? We can, of course, revel in the achievements of our alumni and our Fellows, by drawing encouragement in the discoveries, writings, honours, medals and prizes with which so many have been associated. We are double the size of the college which Bullock and his team founded, and there are few parts of society that we haven't touched in a significant way during the course of this past year.

Mark Simpson (2008, Music) was commissioned to produce the opening fanfare for the Last Night of the Proms. Andy Triggs Hodge (2004, Geography) secured a gold medal in the London Olympics. Honorary Fellow Professor John Goodenough was elected to the US National Academy of Sciences in recognition of his distinguished and continuing contribution to research. Professor Peter Edwards was awarded an Einstein Professorship of the Chinese Academy of Sciences. Lord Stern (Honorary Fellow) was elected President of the British Academy. Sir Tim Rice (Emeritus Fellow) collected a special Olivier Award for his outstanding contribution to musical theatre.

Dr Gaia Scerif (Tutorial Fellow in Psychology) was nominated by the American Psychological Society for a Rising Star Award; Michael Sullivan (Emeritus Fellow) was invited to open an exhibition of his and his late wife Khoan's collection formed over the years at the Beijing National Gallery of Art, together with archival material collected by them through their contact with Chinese artists over the past seventy years. Books

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The 1969 Chronically Sick and Disabled Persons Act. which **Lord Morris** pioneered, represented the first piece of legislation in the world to recognise and give rights to people with disabilities

emerged from Professor Sudhir Anand (*The Cost of Inaction: Case Studies from Rwanda and Angola*), Dr Bart van Es (*Shakespeare in Company*), and Dr Marc Mulholland (*Bourgeois Liberty and the Politics of Fear*).

In a reminder of lifetime achievements of our Catz community, we were saddened this year by the loss of life peer Lord Morris (1950, Modern History), whose 1969 Chronically Sick and Disabled Persons Act represented the first piece of legislation in the world to recognise and give rights to people with disabilities. We also remember with gratitude the work of Founding Fellow in Economics, Laurie Baragwanath, who sadly died on his way back to Australia after last year's Stated General Meeting in College. Laurie, having served as Founding Fellow in Economics, played a major role in the investment of the College's endowment in our early years.

Our French connection was reinforced by the promotion of Professor Richard Parish to *Commandeur dans l'ordre des Palmes académiques*, and our work on the drama front further acknowledged by an Outstanding Achievement Award at the South Bank Awards to Michael Frayn (Emeritus Fellow). In the words of Tom Stoppard at the presentation, 'whenever one of his novels or plays comes out it is a red letter day in the culture of the nation'.

The number of former JCR Presidents being awarded Nobel Prizes must be a fairly limited set of humanity, but surely we must be in the unique position of having one such person subsequently winning the Copley Prize. This is the world's oldest science prize, first awarded by the Royal Society in 1731, predating the Nobel Prize by 170 years. It is awarded for outstanding achievements in scientific research and has previously been given, for example, to Charles Darwin, Michael Faraday and Albert Einstein. This year it went to Sir John Walker (1960, Chemistry) whose work concentrates on understanding the mechanism underlying the synthesis of an enzyme. His research has furthered our understanding of the chemistry of living cells, what powers them, and thereby all life. We aim to celebrate this achievement with him, together with our students, during the coming term.

In every generation we must find fresh agents and new supporters as openness to growth and to change is surely a sign of undiminished vitality. With this in mind, we must expect some of our Fellows to be on the move – Tim Bayne to a chair at the Manchester University School of Social Sciences; Jonathan Morgan to a Fellowship of Corpus Christi College in Cambridge and a University Lectureship in Tort Law, and Jonathan Healey to the Department for Continuing Education and Kellogg College. All three have played significant roles in College life, and will certainly be missed.

We are delighted to be able to welcome to the Fellowship Professor Pekka Hämäläinen, previously Professor of History and the University of California, Santa Barbara, who arrives to take up the Rhodes Chair of American History. With equal enthusiasm, we

welcome Dr Matthew Parrott, from the University of Puget Sound, to a Postdoctoral Fellowship in Philosophy of Psychiatry, and Dr Andrew Eisenberg to a Junior Research Fellowship in Music.

Our fiftieth year has been one of celebration with our alumni across the globe. We have had reunions in America, the Far East, and in Denmark (or at least in the bit of Denmark in London!). Our Danish connection is stronger than ever and, in addition to hosting our London Party in the Danish Embassy, the Danish Ambassador opened an exhibition celebrating St Catherine's architecture and design in Ove Arup's offices in London, as part of the London Festival of Architecture

The *Out of Architecture* exhibition moved to the College Library in September, as part of a weekend of 50th anniversary celebrations. Almost 500 alumni and friends crossed our threshold and were reminded, in no uncertain terms, of the vitality and strengths of the College. We were delighted that Tobias Jacobsen, Arne's grandson, was among them. We were delighted by a veritable avalanche of rapturous correspondence after the weekend, and also as a result of the launch of our book. The downside of this huge success is that expectations are so high that people now expect this level of partying every year!

I hope that this brief report has demonstrated that the College maintains a vibrancy that Kitchen and Bullock would be proud of. We can relish with confidence the challenges that the next fifty years will doubtlessly bring, and we can take comfort from the achievements to date – most importantly in what our students have made of their time here.

In conclusion, I quote from three voices of the new millennium, a few of the very many memoirs contributed to our new book.

'I remember Catz principally as a quiet place where I could think and dwell in books and work on being the person I wanted to be'.

'Catz did not just let me have my cake and eat it, it allowed me to explore who I am and made me acknowledge that this is what I needed to do'.

'Both my first and final year rooms had their wall of floor-to-ceiling windows looking out on the playing field at the back. I could sit and work and watch the rain moving across. As night darkened outside I would see my own reflection in the glass resolving, getting brighter and clearer, like a developing photograph'.

There is no doubt in my mind that we can – and should – be proud of all that has been achieved in these first fifty years. Together, we will ensure that the outward-looking, creative and open nature of our community guides our path through the challenges of the next fifty years, towards the intellectual fulfilment that is the ultimate goal for us all.

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The Cameron Mackintosh Inaugural Lecture

The Future of Theatre

In January 2013, distinguished director, Sir Michael Boyd, delivered his Inaugural Lecture as Cameron Mackintosh Visiting Professor of Contemporary Theatre.



I don't know what other futures he anticipated, but in 1961, when he was six years old, Sir Michael Boyd thought cars would be flying by now. Just a few years off, perhaps? It's a big thing to tackle, the future. And when the theatre has so many faces, its

future is something to get lost in. An eager audience were treated to an inaugural lecture that dwelt on the innumerable possibilities for the future of theatre, as Sir Michael reflected on the impact of technology, the recession and education, as well as the current state of theatre in order to ask what that future might look like.

Sir Michael, shortly before taking up his post as Cameron Mackintosh Visiting Professor, stood down as Artistic Director of the Royal Shakespeare Company in 2012. During his decade at the helm, he is widely considered to have transformed the company, planting it firmly in the 21st century, and overturning a £2.8m deficit in the process. Under his leadership, the RSC marked its 50th



anniversary at Stratford with, among other things, the 'World Shakespeare Festival'. It celebrated Shakespeare as an international playwright, and reached over 1.5 million people across the globe.

It is from his time at the RSC that many of his stories of technology in theatre came; stories which offered a window into deliberation of the relationship between technology and theatre. He was invited to the Massachusetts Institute of Technology (MIT) to advise a group of computer programmers who were developing an interactive video game based on *The Tempest*. The game would be called *Prospero's Island*, and it represented a certain type of theatrical future: a version of the play in which the audience could actively



participate as the characters. While there, he spent time with another group of scientists who gave him a pair of shoes that would alter the lighting level on the stage as he walked across it, and they showed him how they could project a 'virtual goldfish' into his hands and pass it from person to person.

Whilst impressed, the shoes were ultimately 'ok', the virtual goldfish was simply weird, and the video game remains in production. But, as for many of us, technology was an obsession and it was the focus of discussion for much of the lecture, whether through David Hockney's iPad drawings that were recently exhibited at the Royal Academy of Arts, the acoustics of the Greek amphitheatre that allowed a chorus to play to thousands of people, or

the technological ingenuity of theatre groups such as Filter, *Complicité* and *Cirque du Soleil*. Yet throughout his use of these examples, he insisted, 'it's not *about* the technology.' He was enthralled by the vibrant colour schemes of Hockney's drawings, not their electronic canvas, and likewise in the theatre he held that technology exists only to enhance or subtly augment what is physically present on the stage.

Sir Michael suggested that theatre currently enjoys something of a 'golden age', that it's cool again. A new generation of daring young playwrights are now dominating the scene, international theatres like the Barbican allow us to learn from the artistic approaches of other cultures, and 2012 saw the global success of Danny Boyle's Olympics opening ceremony. Last year was a record breaking one for theatres across London as box office sales eclipsed £14 million. But this would not last, he warned, and gadgetry will feel even more expensive in a recession. So what will become of theatre as the economic situation worsens?

The audience were asked to consider a range of possibilities and directions in which theatre could go. Will we gather our audiences through social media? Will genres be 'pushed together to cuddle each other from the

cold'? Will the audience's interaction with the theatre's physical space become so significant as to render the actor secondary? Will it overdepend on celebrity, and become 'frankly too embarrassing to watch'? Will it be faster, borrowing on the speed of rap and urban artists such as Jay Z and Debbie Tucker Green? Or will it be slower? Will the theatre be a place for measured reflection, a church; as Jez Butterworth says, 'a place in which we evoke anxieties and deal with them together'?

This lecture offered no definitive answers, but did invite a number of questions that took us deep into a discussion focussed not only on what theatre might become, but of what it is to us now. Before taking questions from an audience that was positively bursting to engage, Sir Michael marked the beginning of his Professorial tenure with an invitation to the University of Oxford 'to become a major international arts institution'. I'm sure that the students in the audience have been invigorated by this rallying call and cannot wait to fully welcome Sir Michael when he begins his work with them over the coming year.

Joe Murphy (2009, English) graduated from Catz last Trinity Term and has taken up his post as this year's University Drama Officer, a position created by the Cameron Mackintosh Drama Fund.

Catz fivezero: 1962-2012



securing the future

Nearly one quarter of our Alumni have made a donation during the Campaign

The Catz|fivezero Campaign: Our Progress in 2012

As we enter its final stages, we are delighted to report that our **Catz**|fivezero Campaign is experiencing tremendous success. Our aim is to grow our Endowment by raising £10 million, enabling us to give more financial support to our students, preserve our remarkable tutorial system, and continue upgrading our magnificent buildings.

So far, we have raised over £14 million, of which £6.7 million has already been received. What's more, nearly a quarter of our Alumni have made a donation during the Campaign – a testament to the powerful impact of a Catz education and the enduring connection our students forge with the College.

Launched in 2008, the **Catz**|fivezero Campaign is at the root of our efforts to prepare the College for the next 50 years and beyond. The quality of student life at Catz depends on the generosity of Alumni, Parents & Friends such as you, and we are extremely thankful for all the support we have received.

The Power of Your Philanthropy

The impact of your support for the **Catz**|fivezero Campaign is keenly felt in all areas of the College. From providing scholarships to recruiting world-class academics and installing new computers, your philanthropy makes a wonderful difference.

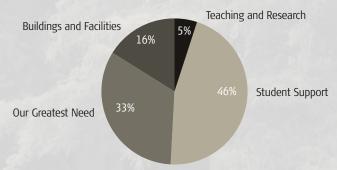
After the recent increase in tuition fees, the cost of a 3-year course at Oxford for Home & EU students is estimated to rise above £50,000. Our students are now facing a large financial burden, which may deter talented young people from applying to Catz. Thanks to your generosity, we have been able to increase the financial support we offer our students. Last year, your donations helped us to support 115 undergraduates – an increase of nearly 50% since 2008. Around 1 in 5 undergraduates currently receive financial assistance from the College, which enables students to attend Catz who otherwise may not have been able afford it. We are also intensifying our efforts in the field of access. In 2012, the College created an Admissions & Access Officer post for the first time, specifically tasked with boosting outreach activity

and encouraging young people of all backgrounds to apply to Catz.

The tutorial system provides our students with incomparable levels of personal attention and academic rigour, enabling them to lock wits regularly with the world's leading academics. The quality of this system depends on a low student-to-tutor ratio. Our financial position, solidified and strengthened by your support, has enabled us to maintain our team of over 100 Tutors and Lecturers. Our ability to fill vacated teaching posts is essential, and since 2008, your support has helped us to replace retiring Fellows in Mathematics and Spanish. We are proud to provide one of the larger course offerings in the University: Catz currently offers 40 subjects for undergraduates and our postgraduates are reading 38 subjects. Thanks to your support, we have also been able to increase the collection of books in our library, giving our students access to an ever-larger source of knowledge and eliminating the need to buy expensive textbooks.

Our buildings provide a welcoming and spacious atmosphere, which houses the intellectual community in which our students thrive. Your support for the **Catz**|fivezero Campaign helps us to continue improving them, thereby making a big impact on our students' quality of life. Last year, with the help of donations, we purchased new computers for the library and fitted new carpets in 100 student rooms. Your support has also helped us to reduce our carbon footprint significantly. In 2012, we installed an environmentally friendly heating system in Hall and re-roofed the gym with a highly advanced 'green' roof, which will boost energy efficiency

You have chosen to support...



and drastically cut maintenance costs. With environmental and access standards evolving constantly, donations provide us with invaluable help in preserving the world-class standards of Catz's buildings and facilities.

Through our **Catz**!fivezero Campaign, Alumni, Parents and Friends such as you have helped to secure the future of the College. As you will have read above, the achievements and impact of the Campaign are being felt strongly, proving the vital importance of your donations. Looking to the future, we aim to continue expanding financial support for our students, improving the quality of our tutorial system, and making sure that Catz remains an excellent place to live and work. Thanks to the enduring support of Donors such as you, we have every confidence that these goals will be attained and that our young College will continue to flourish for the next 50 years – and beyond!

To help us prepare the College for the next 50 years and beyond by making a gift to St Catherine's, please contact the Development Office on +44 (0) 1865 271 705 or email development.office@stcatz.ox.ac.uk. ■

Around 1 in 5 undergraduates currently receive financial support from the College

Generous donation by the Laces Trust funds new Fellowship in Philosophy of Mind

The College is delighted to announce the creation of a new Tutorial Fellowship in Philosophy of Mind and Philosophy of Cognitive Science, thanks to a generous donation from the Laces Trust, an educational charity with particular interests in philosophy of psychiatry. The post will be known as the Fulford Fellowship, in honour of Professor Bill Fulford, a central figure in psychiatry teaching and research.

The post, which was advertised in Michaelmas 2012, is currently being filled and the College is looking forward to the successful candidate taking up research in fields of psychiatry, psychology, neuroscience, cognitive science or related areas. In addition to the College teaching opportunities associated with the post, the new Fellow will also hold a University Lectureship.

Professor Bill Fulford, in whose name the Fellowship has been endowed, is a leading figure in the development of psychiatric teaching and research. In addition to his membership of the Oxford Philosophy Faculty, he is a Distinguished Research Fellow in

Practical Ethics at Oxford, and Emeritus
Professor of Philosophy and Mental Health
in the University of Warwick Medical School.
Alongside his academic commitments, he
serves as a Special Advisor to the Department
of Health, where he is leading a review of the
1983 Mental Health Act.

The Master, Professor Roger Ainsworth, said that, 'we are deeply grateful to the Laces Trust for their generosity in enabling us to widen even further the array of disciplines covered in College. As an academic community, united in the pursuit and enhancement of creative thinking, we are constantly focussed on the ways in which we can contribute to society at large. The Fulford Fellowship will facilitate substantial intellectual appraisal of critical issues associated with mental health'.

The funding of for the Fellowship follows sustained support to the University from the Laces Trust. Between 2007 and 2012, the Trust provided some £100,000 to fund scholarships for Oxford Philosophy graduate students working in areas connected with the philosophy of psychiatry.

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Going Green in a Golden Year



It was with the chance of making a 'special contribution to the urgent national need for more scientists' that St Catherine's College was first contemplated. Arne Jacobsen envisaged his creation as an architectural whole, with the gardens and natural environment as important to his vision as the physical buildings. Five decades on, St Catherine's is still proud of that relationship with the environment as it uses the latest technology and supports innovative recycling projects.

Re-cycle is a UK charity which aims to provide cheap, sustainable transport in Africa by collecting unwanted and discarded bicycles and shipping them to the rural areas in which they prove so useful. The organisation insists that 'simple, affordable transport generates income opportunities in developing countries, as well as saving lots of time and back-breaking work.' Since 1998, Re-cycle has been sent more than 40,000 bikes to Africa, and the College is delighted to be participating for a second year.

Meanwhile, a **Traid** (Textile Recycling for Aid and International Development) bin is now available for students to recycle unwanted items of clothing. Traid aims to divert discarded clothing away from the landfill, and into its network of charity shops. The profits raised from the sale of the recycled clothes are then used to 'support projects fighting inequality and exploitation in the global textile supply chain, and projects establishing environmental sustainability in some of the world's poorest communities'.

Rebecca Elliot (2011, Biology), the JCR's Environment and Ethics Representative, said that the schemes, and the eagerness of participation in them, were a 'real tribute to the engagement of the student body in environmental issues, and a great example of a strong social conscience among the JCR'.

Across College, work is being done to increase the environmental efficiency of our world-renowned buildings. Increased insulation to the JCR and SCR roofs has reduced heat loss by 3%. New toilet facilities in the JCR have been designed using water-saving technology, saving approximately 350,000 litres of water per year.

A Building Management System, and improved boiler facilities have produced a 5.9% saving on CO2 emissions across the College. The installation of a sedum blanket to the gym roof uses green technology to secure up to 10% energy saving in heat loss and reduces noise by up to 8 dB.



The Nick Young Award

The Nick Young Award was established in memory of Nick Young (1968, English), whose interest in drama and films began at an early age with participation in school plays. Later, while an undergraduate at Catz, he directed several College productions. His short film, *He Always...*, won a medal at the Cannes Film Festival. At the time of his death, in 1981, he was planning a film about the second Afghan war.

The Award enables a Catz finalist to spend three months working with Domus Fellow Lord Bragg at Directors' Cut Productions. Recent Award winner, James Maloney (2008, Music) wrote to the Master on completing his 'varied and exciting' placement at the cutting edge of TV production and development...

I've just completed my Nick Young Award workplacement which I'd like to thank you and the College for facilitating – I had a fantastic time full of varied experiences, and I learned a huge amount along the way. Towards the end of my placement, I found myself talking to Emeritus Fellow Michael Frayn, who was very complimentary about his time as Cameron Mackintosh Visiting Professor at Catz.

I started the placement in February excited, but not really knowing what to expect – a couple of months previously I'd been lucky enough to interview Catz alumnus James Marsh (1982, English) for *The Year*, who

told me that his Oscar-winning career grew out of his Nick Young placement.

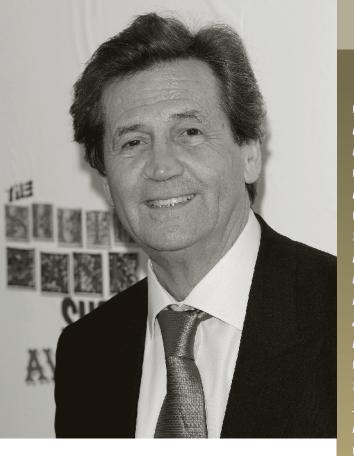
I found myself working both on the South Bank SkyArts Awards, and on the new series of *The South Bank Show*. I worked as a researcher with a small team in the offices in Soho; a talented and very friendly bunch, who taught me loads about the inner workings of television and film making. Melvyn Bragg was in most days; just to work so closely alongside a titan of arts broadcasting was privilege enough!

Initially I found myself researching and writing profiles on the nominations for our awards show, much of which was eventually used by the presenters of the awards on the night – Tom Jones, Michael Ball and Wayne Sleep to name a few! Through the Awards I was also lucky enough to stay at The Dorchester (the event's location) for a couple of nights for the first (and most probably last) time. Liberace's piano was situated just by our production base, so I even managed to do some entertaining of the troops.

Each of our winners was given a specially made Anish Kapoor sculpture as their prize; I was given the task of delivering these to the recipients after the event (we used just a couple in rotation on the night) which was a fascinating job – especially so when I was told the financial value of each by Kapoor's studio (which was apparently well into the tens of thousands!)



On the whole it's been a fantastic experience, and I'd like to thank you and the College very much for the opportunity to have undertaken it



Perhaps a highlight of the whole placement was my involvement on *The South Bank Show* on ballet dancers. It was a topic I knew next to nothing about beforehand but I spent a lot of time assisting with filming back stage and in the wings at The Royal Opera House, watching the production and shadowing and interviewing the great dancer Carlos Acosta, as well as others for a forthcoming film.

On the whole it's been a fantastic experience, and I'd like to thank you and the College very much for the opportunity to have undertaken it.

'This Award works remarkably well. Nick Young was a brilliant Researcher, and was on the way to being a fine Director when he was killed. I can't think of anyone who has not done well through this Award. Some have done remarkably well in their careers, and all of them have reported that they benefitted

Domus Fellow Lord Bragg

Where are they now?

Here are some of our previous Nick Young Award winners, and a brief update as to what they've done since completing their Award placements:

Phil Hornby (1981, English) is Political Correspondent for ITV Meridian, and is the station's political editor. He presents the local political discussion programme, *The Last Word*.

James Marsh (1982, English) is an Oscar and BAFTA award winning film maker. His 2008 film, *Man on Wire*, won international acclaim, and he has recently released *Shadow Dancer* about the Irish republican movement. His latest project, *Hold on to me* stars Robert Pattinson and Carey Mulligan.

Caroline Roberts Cherry (1984, English) is a BBC production executive. She has previously worked on *Mastermind* as Executive Producer, and *A Question of Sport*.

Lara Fielden (1986, PPE) is a Visiting Fellow at the Reuters Institute of Journalism at Oxford. She recently gave evidence to the Leveson Inquiry, and has written about her experiences of doing so on page 38 of this edition of *The Year*.

Esyllt R Carr (2001, PPE) is a Producer at BBC Breakfast, after six years with ITV, firstly as a researcher with ITV London, then as reporter and news correspondent with ITV Wales.

Are you a former Nick Young Award winner? Please contact the Development Office to update us on what you're currently doing.

Postcards to the Master

This year, College Travel Awards were awarded to forty students, who planned, organised and undertook expeditions across the world. Many students undertook charitable work once they reached their destination, and all found their experiences culturally and educationally enriching. Postcards landed on the Master's desk from, amongst other countries, Syria, Senegal, Tajikistan, Bolivia, and Russia. Here are four of the many he received...







Out of the Ashes Britain after the Riots

David Lammy MP delivers the Inaugural JCR Equal Opportunities Lecture

David Lammy MP has represented his constituency, Tottenham, since 2000, when he became the youngest member of the House of Commons. A stint as a Constitutional Affairs Minister was followed by service as Minister for Culture between 2005 and 2007. David later became Higher Education Minister. More recently, David authored a well-reviewed book on the 2011 riots, entitled *Out of the Ashes: Britain after the Riots*.

'An explosion of hedonism and nihilism' was how David labelled the 2011 summer riots. Raised in Broadwater Farm (where Mark Duggan's August 2011 shooting sparked the riots), and as MP for the constituency which suffered most from the riots, Lammy was uniquely placed to give an explosive account on the state of contemporary equality. He condemned the emergence of

a 'Grand Theft Auto culture that glamorises violence', as symptomatic of broader social degeneration.

This degeneration is linked, David argued, to two fundamental twentieth-century transformations: the post-war social revolution, followed by an economic revolution in the 1980s. The social revolution brought broad equality and liberty centred, in Lammy's view, on Attlee's Welfare State and Bevan's NHS. This equality was, however, undermined by the development of a 'subversive individualism'. That individualism peaked during the period 1979 (after profound sectionalism during the 'Winter of Discontent' left British society deeply divided) to 2008; its most destructive manifestation being the economic crisis of the latter year. For Lammy, the 2011 riots were the product of a socio-cultural disenfranchisement engendered by that second social revolution.

David repeatedly asserted that 'juxtaposition' was something that deeply interests him. He had witnessed fundamental juxtapositions in



his own early years, contrasting his upbringing on a council estate by a Guyanese single-mother, to his admission into the 'posh' King's School, and Harvard. The edge-of-the-seat tone of this inaugural lecture heightened the excitement and optimism generated by David's ideas.

This marks a very successful beginning in what I hope will be a long line of prestigious and engaging speaker events for Catz Equal Opportunities – bringing to light the difficult questions to be asked about contemporary equality, and drawing students into a consideration of how these may be confronted.

Michael Livesey (2011, History) is the JCR Equal Opportunities Representative.



Finals Results 2012: A Golden Year

In our fiftieth anniversary edition of *The Year*, we are delighted to be able to print a strong set of Finals results, which have earned the College's recent leavers a well-deserved prominence on the University's Norrington Table. Results achieved by our recent cohort of Finalists saw Catz ranked 10th in the list of Colleges.

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The Master, Professor Roger Ainsworth, said that, 'I am delighted to see the hard work of our students reflected in a very decent Norrington score. This is particularly creditable for a college with the largest number of students, and is a super achievement in our fiftieth anniversary year. It is pleased too that the news emerged so hard on the heels of the news of the Copley Medal for Sir John Walker (1960, Chemistry), a former JCR President, and an Olympic Gold for Andy Triggs Hodge (2004, Geography), who studied here just seven years ago'.

Finals Results 2012

Biological Sciences

Joshua Alvey - II (i) Jonathan Angwin - II (i) Christopher Evans - II (ii) Fergus McCorkell - II (i) Eleri Tudor - II (i) Luke Williams - II (i)

Chemistry (MChem)

George Collins - II (i)
Peter Dale - I
Lucie Dearlove - II (i)
Joshua Hill - I
Sarah Hodgson - I
Wojciech Kaluza - I
Phillip McCullough - II (i)
Timothy Rosser - I
Thomas Schofield - II (i)
David Shepherd - I
Nia Wycherley - II (ii)

Computer Science (BA)
Benjamin Gazzard - I
Michael Pearson - II (i)

Computer Science

(MCompSci)
Daniel Cooper - II (i)
Jennifer Hackett - I
Samuel Power - II (ii)

Economics & Management

Shivam Bajaj - II (i) Michael Hill - I

Engineering Science (MEng) Mikhael Boukraa - II (i)

Charles Hardwick - I Omar Khan - II (i) Oliver Smith - II (ii) William Smith-Keegin - II (i) Daniel Sperrin - I

Engineering, Economics & Management (MEng) Phuc Nguyen - II (i)

English & Modern Languages Eleanor Trotman - I

English Language & Literature
Katya Balen - II (i)
Verity Glass - II (i)
Harriet Green - II (i)
Thomas Mallon - II (i)
Martha McPherson - I
Joe Murphy - II (i)

Victoria Noble - II (i)

Alexandra Turney - I

Thomas Hocking - I

Octavia Seymour - II (i)

Experimental Psychology
Kirsty Hannah - II (i)

Fine Art (BFA)
Adriana Blidaru - II (i)
Jennifer Mustapha - II (i)

Geography
Charlotte Abrahams - II (i)
May Chick - I
Edward de Quay - I
Gabrielle Hoctor - I
Kumayl Karimjee - I
Charles Sussman - I

Holly Tabor - I

History
Samuel Bevan - II (i)
Otis Clarke - II (i)
Aidan Clifford - II (i)
Kate Gibson - I
Charlotte Goff - II (i)
Toby Knott - I
Simon Miller - II (i)

Natalie Pandya - II (i) Camilla Turner - II (i) History & Politics

Ella Batchelor - I Joshua Chapkin - II (i) Lincoln Hill - I

History of Art
Alice Godwin - II (i)
Emma Phillpot - II (i)
Laetitia Weinstock - II (i)

Human Sciences
Jennifer Allen - II (i)
Anna Byrne-Smith - II (i)
Emma Clifton - I
Vishnupriya Das - II (i)
John Langton - I
Anja Mizdrak - II (i)
Declan O'Flaherty - II (i)
Beniamin Rinck - I

Law Michael Lam - II (i) Phillipa Smyth - II (i) Hannah Webb - II (i)

Law with Law Studies in Europe John Risness - II (i) Jekaterina Tchekourda

- II (i)

Materials Science (MEng)

Christina Hookham - II (ii) Phei Qi Sim - I

Materials, Economics & Management (MEng)
Brett Nielsen - I
Harry Parson - II (i)

Mathematics (BA)
Martin Ramsdale - II (i)
Samarth Ranjan - II (ii)
Alaric Stephen - II (ii)

Mathematics (MMath)

Karen Belcher - I William Cannell-Smith - II (i) Liam Dempsey - I Alexander Owens - I

James Baker - II (i)

Mathematics & Computer Science (MMathCompSci)
Mel Mason - I

Mathematics & Statistics (MMath) Ronald Yuen - I

Medical Sciences

Philip Beak - II (i)
Leah Carden - II (i)
Jian Ping Jen - I
Laura McLaren - II (i)
Patrick Simpson - II (i)
Joel Ward - II (i)

Modern Languages Edward Dick - I

George Feld - I Thomas Garton - II (i) Philippa Mullins - II (i) Fiona Pitt - II (i) Modern Languages & Linguistics

Rhys Danino - I Jack Goldstein - I Sanjay Mahtani - II (i)

Molecular & Cellular Biochemistry (MBiochem)

Daphne Amevenu - II (i) Emily Barker - I Maitrevi Shivkumar - I

Music

Annelise Andersen - II (i) Benjamin Holder - II (i) Mark Richardson - II (i)

Oriental Studies

Nathan Letore - II (i)

Alistair Renton - II (i)

Philosophy & Modern Languages Georgina Davis - II (i)

Philosophy, Politics & Economics Kyrillous Amin - II (i) Rachel Blackford - II (i) Robert Campbell-Davis - I

Matthew Hart - II (i)

Oliver Jones - II (i)

Physics (BA)

Bhavik Bhatt - I

Dennis Law - II (i)

Alexander Mayall - II (ii)

Lo Po Tsui - I

Physics (MPhys)
Valentin Aslanyan - I
Ka Wing Choi - II (i)
Alister Mathie - II (i)
Duncan Reek - II (ii)
Joanna Saxby - II (i)

Physiological Sciences
Caroline Phelps - II (i)
Eleanor Pinney - II (i)

Psychology, Philosophy & Physiology Katerina Kaltsas - II (i) Guy Reason - I

SCHOLARSHIPS AND EXHIBITIONS

Scholars

Bodan Arsovski (Mathematics) Clothworkers David Ashmore (Chemistry) College Scholar Henry Banks (Physics) College Scholar Emily Barker (Molecular & Cellular Biochemistry) College Scholar Nick Barstow (Music) College Repetiteur Scholar Alice Bennett (Human Sciences | Brook Scholar Bhavik Bhatt (Physics) College Scholar Robert Blakey (Experimental Psychology | College Scholar Aron Cheung (Philosophy, Politics & Economics) College Scholar Germaine Chua (Philosophy, Politics & Economics) College Scholar Charlotte Clark (English Language & Literature) Baker Scholar Matilda Dilworth (Physiological Sciences) Sembal Scholar Joel Edmondson (Economics & Management) College

Jeremy Ferec-Dayson

(Modern Languages) Leask Music Scholar Lucia Groizard Paveras (Chemistry) College Scholar Susan Hawkins (Biological Sciences | Rose Scholar Anton Hinel (Physics) ATV Scholar Sarah Hodgson (Chemistry) College Scholar Georgina Johnson (History of Art) College Scholar Duncan Johnstone (Materials Science) Geoffrey Griffith Scholar Mikhail Kartashov (Physics) ATV Scholar Shabnom Khanom (English Language & Literature) College Scholar George Lane (Materials Science | Goldsworthy Scholar Duncan Lindsev (Chemistry) Clothworkers Scholar Ionathan Mannouch (Chemistry) F M Brewer Scholar Cameron Millar (Music) Leask Music Scholar Edward Nutt (Physics) ATV Scholar Alistair Pepper (History) Garret Scholar Maria Perevedentseva (Music) Leask Music Scholar Roxane Reiser (Law with Law Studies in Europe) David Blank Scholar Nathaniel Samson (English Language & Literature) College Scholar Thomas Scott (Materials Science) Goldsworthy Scholar

Orowa Sikder (Philosophy,

Politics & Economics) Kave Scholar Ludvig Sinander (Philosophy, Politics & Economics) Philip Fothergill Scholar Daniel Smith (History) College Scholar Kirstie Smith (History) College Scholar Haewon Song (Chemistry) Leask Music Scholar Benjamin Trigg (Biological Sciences | Rose Scholar Lo Po Tsui (Physics) College Scholar Andrew Tyler (Music) Leask Music Scholar Rebecca Worth (Modern Languages & Linguistics) College Scholar Natalya Zeman (Music) Leask Music Scholar

Exhibitioners

Gabriella Aberbach (English Language & Literature) College Exhibitioner Daphne Amevenu (Molecular & Cellular Biochemistry) College Exhibitioner Jungyun Choi (Philosophy, Politics & Economics) College Exhibitioner Verity Glass (English Language & Literature) College Exhibitioner Lincoln Hill (History & Politics) College Exhibitioner Leslie Ho (Law) College Exhibitioner Jian Ping Jen (Medical Sciences | College Exhibitioner Nicholas Kamlish (Law) College Exhibitioner

John Lavery (Engineering Science) College
Exhibitioner
Maitreyi Shivkumar
(Molecular & Cellular
Biochemistry) College
Exhibitioner
Jonathan Tuckwell
(Mathematics & Computer
Science) College
Exhibitioner

PRIZES AND AWARDS

University Prizes Undergraduates Bannister Trust Organic Chemistry Thesis Prize 2012

David Shepherd (Chemistry)

The Bob Hiorns and Wilma Crowther Prize for the best performance in the Final Honour School of Human Sciences 2012 Benjamin Rinck (Human Sciences)

Departmental Physics Prize for the Best BA Laboratory Project 2012 Lo Po Tsui (Physics)

Departmental Prize for Best Team Design Project 2012

Camden Ford (Materials Science) Ridhi Kantelal (Materials Science)

Egerton Coghill Landscape Prize 2012 Tara Morgan (Fine Art)

Eisai Prize for Performance in Part IA **2012**Jonathan Mannouch (Chemistry)

Gibbs Prize for the Best
Part I Design Project 2012
Alexander Sanders
(Engineering, Economics &

Gibbs Prize for the Best Performance in Part I 2012

Management)

Samuel Tham (Materials Science)

GlaxoSmithKline Award in Organic Chemistry 2012 David Shepherd (Chemistry)

GlaxoSmithKline
Pharmacology Prize for
Physiologists 2012
Eleanor Pinney
(Physiological Sciences)

Inorganic Chemistry Thesis Prize 2012

Sarah Hodgson (Chemistry)

IoM3 Prize for Best Overall Performance 2012.Phei Qi Sim (*Materials Science*)

IoM3 Royal Charter Prize for Best Materials Graduate Nomination 2012 Phei Qi Sim (Materials

Science)

John Thresher Prize for a MPhys Project in Particle and Nuclear Physics 2012 Valentin Aslanyan (*Physics*) Johnson-Matthew Prize for the Best Performance in Prelims 2012

Frederica Onslow (Materials Science)

Lubbock Prize for the Best Overall Performance in Economics 2012 Michael Hill (Economics & Management)

National Science, Engineering & Technology Annual Award Nomination 2012 Phei Qi Sim (Materials Science)

Ocado Prize for Best Project for the Group Design Practicals 2012 Edward Brough (Computer Science)

Ramón Silva Memorial Prize for Oral Spanish 2012

Edward Dick (Modern Languages)

Scott Prize for
Performance in the BA
Examination 2012.
Lo Po Tsui (Physics)

Slaughter and May Prize in Legal History 2012 Hannah Webb (Law)

Graduates
Allen and Overy Prize
in Corporate Insolvency

Law 2012

Stuart Cribb (Law)

Law Faculty Prize in Advanced Property and Trusts 2012 Benjamin Fowler (Law)

Law Faculty Prize in Constitutional Principles of the European Union 2012

Lauren Adams (Law)

Medical Women's Federation Prize in Obstetrics and Gynaecology 2012 Maria McPhee (Medical Sciences)

Peter Tizard Prize in Paediatrics Proxime Accessit 2012 Maria McPhee (Medical Sciences)

Prize for Best
Performance in
Economics of Corporate
Transactions 2012
Peter Murphy (Law)

Prize for Best
Performance in the MSc
in Law and Finance 2012
Peter Murphy (Law)

College Prizes
The Bailey Prize for debating was not awarded.

The Burton Prize for the best academic performance during the year in an

area covering Psychology, Sociology, Geography and Human Sciences was awarded to Sebastian Koa (Geography), Ben Rinck (Human Sciences) and Elizabeth Wilkins (Human Sciences).

The Cochrane Evidence-Based Medicine Prize for

the best essay on an aspect of evidence-based practice or the critical appraisal of a topic by a graduate student in clinical medicine was awarded to Alice Rollin (Medical Sciences).

The Francis and Caron Fernandes Music Prize for contributing towards the musical life of the College was awarded to Benjamin Holder (Music).

The Frank Allen Bullock Prize for the best piece of creative or critical writing was awarded to Rhys Danino (Modern Languages & Linguistics).

The Gardner Prize for outstanding contribution to the life of the College was awarded to James Gibson (Engineering Science).

The Harold Bailey Prize for Asian Studies was awarded to Clementine Brown (European & Middle Eastern Languages).

The Hart Prize for the best essay on an historical

subject by a first or second year undergraduate was not awarded.

The Katritzky Prize for the best performance in Chemistry Part I was awarded to Rosemary Lang (Chemistry).

The Katritzky Prize for the best performance in the Final Honour School in History of Art was awarded to Sofia Beatty (*History of*

Art) and Laetitia Weinstock

(History of Art).

Leask Music Scholarships were awarded to Jeremy Ferec-Dayson (Modern Languages), Maria Perevedentseva (Music) and

Haewon Song (Chemistry). The Michael Atiyah Prize

in Mathematics for the best mathematics essay or project written by a St Catherine's undergraduate in his or her second year reading for a degree in Mathematics or joint school with Mathematics was not awarded.

The Michael & Lily Atiyah Prize for the best performance amongst 2nd year Mathematics students, as judged by their tutors, will be awarded for the first time in 2013.

The Neville Robinson Prize

for the best performance in Physics Part B was awarded to Lo Po Tsui (Physics) and Bhavik Bhatt (Physics).

The Neville Robinson Prize for the best performance in

for the best performance in Physics Part C was awarded to Valentin Aslanyan (Physics).

The Nick Young Award was awarded to James Maloney (*Music*) and Natalie Pandya (History).

The Peter Raina History Prize for the essay of the highest quality written by a 2nd year History student, as judged by their tutor, will be awarded for the first time in 2013.

The Rose Prize for the best academic performance during the year in Biological Sciences was awarded to Sciences) and Katrina Spensley (Biological Sciences).

The Rupert Katritzky Prize

is awarded for the best performance in the Final Honour School in History was awarded to Kate Gibson (History).

The Smith Award for

Services to Drama within the College was not awarded.

The Smith Award for

Services to Music within the College was awarded to Mark Richardson (Music).

The Stuart Craig Award

given to an outstanding student who has gained distinction in a university or national sport, or cultural or musical activities was awarded to Maria Perevedentseva (Music).

The Thomas Jefferson Prize for the North

American student who has contributed most to the College academically, socially or culturally 'in the spirit of Thomas Jefferson' was not awarded.

The Wilfrid Knapp PPE Prize

for the essay of the highest quality written by a 2nd year PPE student, as judged by their tutor, will be awarded for the first time in 2013.

College Travel Awards Wallace Watson Award James Black (Medicine)

Emilie Harris Award
Pablo Simko (Geography)

Patricia Knapp Travel Award

Raquel Catalao (Medical Sciences) Leah Carden (Medical Sciences)

Philip Fothergill Award

Stephanie Burrell (Biological Sciences)

Biological Sciences Travel Award

Rebecca Elliott (Biological Sciences)

Raymond Hodgkin Award Vishnupriya Das (Human

Bullock Travel AwardBenedict Cohen
(Geography)

Sciences

Bullock Career Award Camilla Turner (History)

Nathan Klein (Music)

Antony Edwards Bursary Marc Boardman (Modern

Marc Boardman (Moder Languages) Ed Richardson (Modern Languages)

Mark Davys Bursary

Yonathan Nathanson (Law with Law Studies in Europe) Daniel Owen (Law with Law Studies in Europe)

Teach First Bursary Bhavik Bhatt (*Physics*)

College Travel Awards

Jennifer Allen (Human Sciences) Thomas Bell (English Language & Literature) Samuel Briggs (Engineering Science) Joshua Chapkin (History & Politics) Christianna Coltart (Geography) Jack Goldstein (Modern Languages & Linguistics) Ilsa Haeusler (Medical Sciences) Joanna Harrall (Geography) Lance Hendrix (International Development)

Helena Horsburgh (Modern Languages & Linguistics) Luyun Jiang (Chemistry) Georgina Johnson (History of Art) David Martin Kayondo

David Martin Kayondo (Management Studies) Michael Livesey (History) Serena Lunardi (Medical Sciences)

Jordan Millar (Chemistry)
Peter Morgan (Engineering
Science)
Kashif Mumtaz
(International

Development)
Anna Murphy (History)
Sonja Noll (Oriental
Studies)
Katherine Pears

(Geography)
Carla Peters (Biological
Sciences)

Alexander Rawlings (Modern Languages) Christopher Rees (Engineering Science) Kathleen Shields (Law with Law Studies in Europe) William Smith-Keegin

(Engineering Science)
Alec Stanworth
(Experimental Psychology)
Rebecca Wage (Social &
Cultural Anthropology)
Jack Wardle (Chemistry)
Rebecca Wyatt

(Geography) Natalya Zeman (Music)

The Charles Wenden Fund has continued to support the sporting life of the College.



Graduate Degrees & Diplomas

During the academic year 2011-2012 leave to supplicate for the DPhil was granted to the following:

Philippe Aeberhard (Chemistry)

Computational Modelling of Structure and Dynamics in Lightweight Hydrides

Luca Biasiolli (Medical Sciences)

In-Vivo MRI Characterization of Atherosclerotic Plaques

Malcolm Birdling (Law) *

Correcting Miscarriages of Justice

Colin Cunnington (Medical Sciences)

The Role of Plasma and Vascular Tetrahydrobiopterin in Vascular Disease States

Sairia Dass (Medical Sciences)

The Role of Cardiac Energy Metabolism during Stress in Hypertrophic and Dilated Cardiomyopathy

Nicholas Douglas (Medical Sciences) *
The Epidemiology and Control of Vivax Malaria

Scott Draper (Engineering Science)
Tidal Stream Energy Extraction in Coastal Basins

Nathan Flis (History)

From the Life: the Art of Francis Barlow (c. 1626-1704)

Adam Gregory (Medical Sciences) *

Functional Characterisation of a Multiple Sclerosis-Associated Genetic Variant

Christoph Haase (Computer Science)

On the Complexity of Model Checking Counter Automata

Elizabeth Heaviside (Chemistry) *
Analogues of Antibacterial Natural Products

Peter Holland (Medical Sciences)

Frequency-domain and Nonlinear Analysis of Local Field

Potentials and Clinical Efficacy of Deep Brain Stimulation for Complex Tremors

Lien-Cheng Hsiao (Medical Sciences) Cardiac Stem Cell Therapy for Heart Failure

Youn-Jung Kang (Medical Sciences)
Cell Adhesion and Signalling at Implantation

Aleks Kissinger (Computer Science) *

Pictures of Processes: Automated Graph Rewriting for Monoidal Categories and Applications to Quantum Computing

Pok Wang Kwan (Engineering Science)
Flow Management in Heat Exchanger Installations for Intercooled Turbofan Engines

Carlos Lam (Engineering Science)

Properties and Applications of Polymer Support Fluids in Geotechnical Engineering

Wei Koon Lee (Engineering Science)

Chaotic Mixing in Wavy-type Channels and Two-layer Shallow Flows

Stephen Lew (Geography & the Environment)
Meaningful Measurement and Applications of Environmental,
Social, and Governance Information

Lisa McNally (English Language & Literature) Reading Theories and Telling Stories in Contemporary Fiction

Justin Moore (Medical Sciences)

Characterization of LAF4 and the ALF Family of Genes and Their Role in Neuronal Function and Disease

leva Raubisko (Social & Cultural Anthropology) *
Life in a Negative-Positive Space: Moral Transformations in
Post-War Chechnya

Rachel Rowe (Medical Sciences)

Transfer from Midwifery Unit to Obstetric Unit During Labour: Rates, Process and Women's Experience

Henry Shum (Mathematics)

Simulations and Modelling of Bacterial Flagellar Propulsion

Ann Steele (Experimental Psychology)

Tracing Syndrome-specific Trajectories of Cognitive Development: The Impact of Attention Profiles on Precursors of Literacy and Numeracy

Tiffany Taylor (Zoology)

Understanding the Evolutionary Ecology of Dispersal

Alasdair Walker (Engineering Science) *
Extrusion Processing of Chocolate Crumb Paste

Gerard Walls (Medical Sciences) *

Studies of Tumourigenesis in the Multiple Endocrine Neoplasia Type 1 and Hyperparathyroidism-Jaw Tumour Syndromes

Keiko Watanabe (Medical Sciences)

Localization and Functional Analysis of Two Pore Channel Proteins

Christian Yates (MPLS Doctoral Training Centre)
Comparing Stochastic Discrete and Deterministic Continuum
Models of Cell Migration

Qiang Yi (Physics)

The Cosmological Evolution of Supermassive Black Holes

* indicates previous graduate of the College

The following were successful in other examinations:

Lauren Adams, BCL †

Omar Ahmady, MSc (C) Financial Economics

Sakib Ahmed, MBA

Caroline Alewaerts, MJuris

Bernice Ang, MSc (C) Modern Chinese Studies †

Sheba Anin, MSc (C) Experimental Therapeutics (part-time)

Alexander Annaev, MSc (C) Environmental Change &

Management

Karim Arabi, MBA

Raluca Besliu, MSc (C) Refugee & Forced Migration Studies

Anisha Bhagwanani, 2nd BM

Malak Bhatt, BCL

Sarah Blakey, 2nd BM (Graduate Entry) †

Jakub Boguszak, MSt English

Rahul Bohra, MBA

Jack Castle, MSt English †

Veronica Chan, 2nd BM * †

Chintan Chandrachud, BCL \dagger

Jimmy Chen, ${\it MBA}$

David Cole, PGCE

Lindsey Collins, MSt Modern British & European History

Rebecca Collins, BCL 5
Stuart Cribb, BCL 7

Kimberley Czajkowski, MSt Jewish Studies †

Zoe De Toledo, MSc (C) Criminology & Criminal Justice *

Chiara Della Cava, MSc (C) Material Anthropology & Museum Ethnography

Claire Desjardins, Diploma in Legal Studies †

Mario Draper, MSt Modern British & European History Mark Dyble, MSc (C) Cognitive and Evolutionary

Anthropology †

Juan Escobar, MBA

Guillaume Ferlet, Diploma in Legal Studies

Ryan Foley, MSc (C) Social Anthropology (Research Methods)

Benjamin Fowler, BCL †
Sophie Foxen, 2nd BM *

Kristen Frederick-Frost, MSc (C) History of Science,

Medicine & Technology †

Mark Fuller, PGCE

lan Furlong, MSc (C) Major Programme Management (part-time)

Hugo Garcia Rueda, MSc (R)

Linda Geaves, MPhil Geography & the Environment

Rajeet Ghosh, PGCE Benedict Gilkes, PGCE

Devan Govender, MSc (C) Software Engineering (part-

Serdar Gunbay, MBA

time)

Martha Gutierrez-Marquez, *PGDip Mathematical Finance (part-time)* †

Paul Haguenauer, Diploma in Legal Studies

Yang Han, MSc (C) Environmental Change & Management

Helen Hastings, PGCE

Mary Heath, PGCE *

Jasper Hedges, BCL †

Lance Hendrix, MSc (C) Refugee & Forced Migration

Studies

Rosemary Hinton, 2nd BM *

Chin Pang Ho, MSc (C) Mathematical Modelling ${\mathcal E}$

Scientific Computing

Peter Ibbetson, MSc (C) Integrated Immunology * †

Nicole Inci, MSc (C) Computer Science

Lucy Ingham, PGCE

Neha Jaganathan, MSc (C) Contemporary India †

Wei Ying Jen, 2nd BM * †

Huaizhou Jin, MSc (C) Computer Science

Resson Kantai, MSc (C) Biodiversity, Conservation & Management †

Rafay Khan, MSc (C) Economics for Development

Richard Kim, MSc (C) Migration Studies

Monesh Kirpalani, MBA

Banurekha Lakshmanan, MSc (C) Major Programme

Management (part-time)

Alexander Lans, MPhil Comparative Social Policy

Meng Li, MSc (C) Mathematical & Computational Finance

Yintong Lu, MSt Oriental Studies

Man Tat Luk, MBA

George Mawhinney, MSt Legal Research

Andrew McInnes, *MSc (C) Mathematical & Computational Finance*

Juan Mejia Rios, MBA

Lukas Molthof, MSc (C) Modern Chinese Studies

Anna Murphy, MSt History of Art & Visual Culture †

Peter Murphy, MSc (C) Law & Finance †

Sparsha Nandavanam, MBA †

Sonia Noll, MSt Classical Hebrew Studies

Katharine Orf, 2nd BM (Graduate Entry) †

Dawn Osbourn, MSc (C) Experimental Therapeutics

(part-time)

Samuel Phillips, MSc (C) Biodiversity, Conservation &

Management * † **Roberto Pons**, MSc (C) Major Programme Management (part-time)

Katherine Porter, PGCE

Stephen Powell, MSc (C) Major Programme Management (part-time)

James Poxon, MSc (C) Major Programme Management (part-time)

Benjamin Prouty, MBA

Zoe Radford, PGCE

Alexandra Rosenberg, MPhil Comparative Social Policy **Gerard Sadlier**, BCL

Victoria Sainsbury, MSc (C) Archaeological Science

Martin Schwaiger, MBA

Metin Senova, *MSc (C) Major Programme Management* (part-time)

Ye Shao, MSc (C) Mathematical & Computational Finance

Priya Singh, *MSc (C) Visual Anthropology* **Nariman Smailov**, *MSc (C) Financial Economics*

Katherine Smalley, MSc (C) Refugee & Forced Migration Studies

Melanie Stewart, MSt Women's Studies

Edward Still, *MSt Modern Languages* † **Yiqiao Tang**, *MPhil Economics*

Elina Timiryasova, *MSc (C) Mathematical Finance (part-time)*

Tamara Toolsie, BCL Lucina Tse, MBA †

Johannes Van Erp, Diploma in Legal Studies

Anushree Varma, MBA Polina Vasilyeva, MJuris

Rebecca Wage, MSc (C) Migration Studies

Robert Walker, *MSc* (*C*) *Russian & East European Studies* **Kenneth Wilson**, *MSc* (*C*) *Major Programme Management* (part-time)

Katharina Kim Wolff, MSt History of Art & Visual Culture Chun Lai Wu, MBA

Zhemin Wu, MSc (C) Mathematical & Computational Finance †

Yang Xu, MBA

He Zhang, MSc (C) Financial Economics

Yunxian Zhang, MSc (C) Mathematical & Computational Finance

* indicates previous graduate of the College

† indicates candidates adjudged worthy of distinction by the Examiners

Graduate Scholars

Isaac Bleaman (Modern Languages) Random House Scholar

Emily Brown (*Medical Sciences*) Glaxo Scholar **Judith Campos Cordero** (*Mathematics*) Light Senior Scholar

Chintan Chandrachud (Law) Light Senior Scholar **Mark Curtis** (Mathematics) Light Senior Scholar

Eliza Gheorghe (*Politics & International Relations*) College Scholar (*Arts*)

David Hall (*Physics*) College Scholar (*Sciences*) **Matthew Hennessy** (*Mathematics*) Leathersellers'

Company Scholar

Felix Kahlhoefer (*Physics*) Leathersellers' Company Scholar

Helen King (Medical Sciences) Glaxo Scholar **Georgina Lang** (MPLS Doctoral Training Centre) Wilfrid Knapp Scholar (Sciences)

Maria McPhee (*Medical Sciences*) Light Senior Scholar **Aiko Morii** (*Politics & International Relations*) Kobe Scholar

Michael Saliba (Physics) Light Senior Scholar Anna Sanktjohanser (Economics) Light Senior Scholar Malcolm Spencer (History) Light Senior Scholar Jan Vonk (Mathematics) Light Senior Scholar Chang Wang (Mathematics) Leathersellers' Company Scholar



Sports and Societies Review

In our new book, *St Catherine's, Oxford: A Pen Portrait*, we chart how it was the need for a name under which to row that the Delegacy for Unattached Students became known as 'St Catherine's'. Over 140 years after the founding of the Delegacy, and in our fiftieth anniversary year as a College, sport continues to play a fundamental part in enriching the rich tapestry of College life. Similarly, our students continue to throw themselves into social and artistic endeavours with distinction, echoing the ambition and diversity of interest present throughout our history.

The Men's **Basketball** Team made it to the Cuppers Final, finishing in 2nd place, and is currently competing in the final stages of the League, after enjoying an undefeated season.

The Men's **Cricket** Team reached the Cuppers Semi-Final in Trinity term.

The Men's **Football** Team enjoyed further success. The 1st XI came third in the JCR Premier division. James Lighton (2011, PPE) has been selected for the Blues Squad, and Tom Goulding (2011, PPE) will play for the University Development Squad. Joe Davies (2011, Biological Sciences) is the Premier division's top goal scorer, having scored ten goals in six games. The 2nd XI

finished 1 point behind Worcester to come runners-up in the ICR Reserves division.

The Men's **Hockey** Team were led to victory by Christopher Lambert (2010, English), winning the league, Cuppers and mixed-Cuppers in partnership with the Women's Team, led by May Chick (2009, Geography).

The Men's **Rugby** Team successfully gained promotion from third to first division. In one notably good run, the team scored almost 200 points across three games. The team reached the Cuppers semi-final, losing by only five points to eventual winners St Edmund Hall. The College was well represented at the U21's Blues Varsity match, in which Dean Irvine (2011, Engineering) scored a try, and the Varsity Rugby match at Twickenham, in which Gus Jones (2012, Biological Sciences) played. Ed Dick (2008, Modern Languages) collected a Rugby League Blue.

The Women's **Rowing** crew bumped three times at Summer VIIIs last year, only narrowly missing out on a fourth due to an klaxon. They competed in Cross-Country Cuppers, and won the New College regatta, beating current Head of the River, Magdalen. The Men's crew faced stiff competition in the top division of Summer Eights, and lost one place.

Over 140 vears after the founding of the Delegacy, and in our fiftieth anniversary year as a College, sport continues to play a fundamental part in enriching the rich tapestry of College life



The College's Varsity **Ski** Team came third in Cuppers.

The Men's **Tennis** Team ended the season at the top of the League with an unbeaten record. A mixed winter training schedule, for both the women's and men's teams, has been introduced to improve results over a well-anticipated Trinity term!

With the College never to be found slow in taking up new sports, a **Zumba** society has been formed, with weekly classes being held in the Gym!

Catz **Music Society** and **Choir** continue to host a rich programme of Open Mic Nights, and a programme of recitals and performances.

The College's **Drama** Cuppers entry was entitled '*Tales of the Unexpected*' – a theatrical adaptation of three short stories by Roald Dahl, making into the final ten, and being invited to perform a second time for the judges. The set was nominated for the best designed, while Melita Cameron-Wood (2012, Modern Languages) was nominated for best supporting actress. Students are currently re-establishing the **Apollo** Drama Society.

The **Poetry Society** held workshops with professional poets Shane Solanki and Anthony Anaxagorou, hosted a showcase of contemporary poetry focussing on modernity, saw work published in *Notes*, and have arranged a collaboration with alumnus and poet, Sam Berkson (2001, English). ■

The Master, Professor Roger Ainsworth, hosts a celebratory drinks reception with the Men's Hockey Team, to congratulate them on their extraordinary year

The World of 1962

Our first cohort of College students arrived in October 1962. Fifty years on, our Fellow in History, Marc Mulholland, examines the explosive world around them.

World War Two was still very much a living memory. Adolph Eichmann, having been found guilty of playing a crucial role in orchestrating the murder of Europe's Jews, was executed in Israel on 31 May.

There was much fear of the next war. Testing of nuclear weapons in the atmosphere was still common. An H-Bomb detonated by the Americans near Christmas Island exploded with the strength of two million tons of TNT. The flash was seen in New Zealand, four thousand miles distant. By the Nassau Agreement, Britain accepted American Polaris missiles as its nuclear deterrent.

Human civilisation came closer to destruction than at any time since the Black Death in the Fourteenth-Century. In mid-October, American U-2 spy planes flying over Cuba spotted ballistic missile sites under construction. The Cuban Castro regime was preparing to station Soviet nuclear weaponry in a bid to ward off US threats of invasion. President Kennedy imposed a 'quarantine' – or naval blockade – on Cuba to prevent the Soviets landing

missiles. Cuba called up more than a quarter of a million army reserves, and the Soviet forces on the island, with their nuclear-tipped tactical missiles, were placed on full alert. The world teetered on the brink of catastrophe. After a tense stand-off between the superpowers, during which the US contemplated escalation towards war, on 27 October the Soviet Premier Nikita Khrushchev agreed to remove Soviet missiles from Cuba in return for a subsequent, unpublicised, removal of American missiles from Turkey.

President John F Kennedy, meanwhile, was being sucked into the Vietnam quagmire. By the end of the year, some 10,000 American troops were deployed in South Vietnam in an attempt to bolster the government against Communist insurgency. The US Air Force began dropping US Agent Orange, a highly toxic defoliant designed to expose roads and trails used by Communist forces.

Mao Zedong, who had been side-lined after his disastrous role in promoting the 'Great Leap Forward' scheme that had turned agriculture upside-down, began to campaign against 'capitalist roaders' in the Chinese Communist Party Leadership. This was soon to lead to the paroxysms of the 'Great Proletarian Cultural Revolution'.



This was still a 'western world'. The United States and the European Economic Community (still excluding the UK) supplied 80% of the world's trade. The age of empire was ending, however. Algeria won its independence from France, after years of bloody conflict, when President de Gaulle agreed to a transfer of power to the *Front de Liberation Nationale*. Most Europeans fled the new state, and De Gaulle survived two assassination attempts by outraged French nationalists.

The struggle for civil rights was continuing in the US. As the first cohort of Catz students



arrived to begin their studies in the new college, James Meredith, a black student, was enrolling at the University of Mississippi – under the guard of 300 US marshals. As white rioting spread, the National Guard had to be mobilised. Two anti-segregation rioters were killed.

In the Soviet Union
Khrushchev's
'de-Stalinisation'
continued, within
limits. The regime
allowed publication
of Aleksandr
Solzhenitsyn's novel,
One Day in the Life
of Ivan Denisovitch,
a searing depiction of
life and death in the Gulag labour camps, set

just over a decade in the past.

As the world breathed a sigh of relief at having survived 1962, the radical '60s – in politics, culture and fashion – were building up steam

The world became a smaller place when a communications satellite, Telstar, was put into orbit. Telstar was a mere 34-inches in diameter and ran on less than 15 watts of power. The first live television broadcast across the Atlantic showed footage of the Statue of Liberty in New York and the Eiffel Tower in Paris.

In cinema, James Bond made his first movie outing in *Dr No*. Though the film mostly played straight and was not obviously distinct from conventional thrillers and spy-movies, Sean Connery made an immediate mark as 007. The stereotypical 'Bond Girl' (Ursula Andress) and the Super-Villain were also present and correct.



Popular music was about to change forever. The Beatles had their first UK hit with 'Love Me Do', which reached no. 17 in the



charts. The band's manager, Brian Epstein, immediately turned his formidable energies to breaking into the American market.

The first popular classic of modern environmentalism was published. Rachel Carson's *Silent Spring* was a broadside against the grim impact of pollutants of America's wildlife. In the book's dedication she quoted Albert Schweitzer: 'man has lost the capacity to foresee and to forestall. He will end by destroying the earth.' Carson's book raised popular awareness of environmental degradation, and was instrumental in the first Earth Day held in 1970.

As the world breathed a sigh of relief at having survived 1962, the radical '60s – in politics, culture and fashion – were building up steam. It was a heady time for a new college.

St Catherine's, Oxford: A Pen Portrait

At the end of our 50th anniversary year, we print two contributions to our beautifully-illustrated new book, *St Catherine's*, *Oxford:*A Pen Portrait, remembering the lively community which occupied Jacobsen's modernist masterpiece some five decades ago...

Simon Winchester (1963, Geology)

Outside all was new and noisy, more concrete hell than cloistered hall. I watched as the common room was finished, and on hand when the Library opened. I saw them hang the bell in the tower – then tie the rope up high because men who had spent too long in the King's Arms developed a sudden likeness for ringing it, late at night. I saw them plant the cedar tree and sow grass seed around it to produce the circular centrepiece of the main quad.

The rest of the foliage thrived – and so did we. By my second year, the hedges were filling out, the shrubberies blooming, and rooms on the far side of the quad, once empty, were lit all night by the lamps of scores of newcomers. The buttery was crowded at lunch, and the JCR had to order twenty copies of some newspapers – so thick was the throng.

John Simopoulos, Emeritus Fellow

In 1969, St Catherine of Alexandria, the College's patron, had her Feast Day removed by the Catholic Church from



Now on sale from the Development Office

the Calendar. Fired by pious indignation I took it upon myself to send a telegram to Cardinal Tisserant, the Dean of the Sacred College, worded, in Latin:

TO THE MOST EMINENT AND MOST REVEREND EUGENE TISSERANT, BY THE GRACE OF GOD CARDINAL OF THE HOLY ROMAN CHURCH AND DEAN OF THE SACRED COLLEGE VATICAN CITY. Alas, our Patroness. If the barbarians are deemed blameworthy for the injuries inflicted on St Catherine, is the Church not even more guilty for deciding that she did not exist?

WE, THE MASTER, FELLOWS AND STUDENTS OF SAINT CATHERINE'S COLLEGE IN OXFORD, HAVE DISPATCHED THIS ON 23RD MAY 1969.

No answer came forth. But at least we know that the College's admonition left St Aldate's. In 2002, the Vatican restored the entry as an optional memorial day, though not as a Feast Day.

To order your copy of *St Catherine's, Oxford: A Pen Portrait*, and to see a preview of this beautiful anthology of College memories, please visit www.stcatz.ox.ac.uk/pen-portrait or contact the Development Office on +44 (0) 1865 271 760 or, by email, on development.office@stcatz.ox.ac.uk

Celebrating 50 Years

In our 50th anniversary year, it has been clearer than ever that St Catherine's is held together by much more than Arne Jacobsen's distinctive yellow bricks. It is the sum of the talents and ambitions of a flourishing community of Alumni, students, parents, Fellows and friends. We were delighted that that community was able to take part in a year of celebrations held throughout 2012.

The programme reflected the global nature of our community with events across the world. In March, the Master hosted drinks receptions in Hong Kong and Singapore, before travelling to New York to host a dinner in the Harvard Club.

Reflecting the strength of our Danish connections, the Danish Ambassador, Anne Steffensen, kindly hosted our London Party at the Danish Embassy in May. Warm weather allowed guests to spill out onto the balcony of the Ambassador's Residence, which had been designed by Arne Jacobsen, to enjoy exceptional views of a summer evening across the capital.

In June, face-painters, jugglers and stilt-walkers transformed the College for our inaugural Family Day, with story-telling by alumna MG Harris (1984, Biochemistry), and a captivating cryptic Treasure Hunt devised by College Enigmatist Chris Maslanka (1973, Physics).



London Party and Exhibition photographs by Guy Bell (www.gbphotos.com)

The Out of Architecture Exhibition celebrated the inextricable relationships between the College buildings and the furniture that resides within them. First displayed in Arup's London offices and opened by the Danish Ambassador, the Exhibition moved to Catz in September where it was exhibited in the College Library.

The architecture of St Catherine's attracted coverage from across the globe in our 50th anniversary year. From Japan to Italy, Germany, the Netherlands, France and Denmark, the international design media have noted the importance of our buildings and their contents as masterpieces of 20th century design.

Germany's A&W magazine praised Arne Jacobsen's union of the 'seemingly irreconcilable' in designing a college which had both 'preserved Oxford's great traditions' without recourse to 'grand architectural gestures'. Denmark's Rum magazine charted Jacobsen's 'countless references to nature' and praised the College as a 'place which feels warm and welcoming fifty years on', while Danish broadsheet, Jyllands-Posten, interviewed Emeritus Fellow Barrie Juniper who assisted Jacobsen in designing the College gardens.

The Anniversary Weekend

The showpiece of our anniversary celebrations was held over the second weekend in September. Almost 500 alumni, Fellows and friends attended a series of celebratory dinners, while a special programme of talks and lectures commemorated the diverse contribution St Catherine's men and women have made to enriching society at large.

The talks were recorded and streamed as podcasts by the University of Oxford. In the week of their online release, the number of hits made the series the most popular series streamed by the University!

Visit http://podcasts.ox.ac.uk/units/st-catherines-college to view coverage of the panels, and to see something of the intellectual inquisitiveness with which St Catherine's has rightly become renowned over the course of the last fifty years.

Defining Moments in International Relations Since 1962

With discussion focussed on the past fifty years, much attention was paid to the Cold War, rendering the post-1962 era one of ideological conflict and tension between superpowers. Domus Fellow Marshall Cloyd described the technological opportunities unleashed by the Space Race. Jens Tholstrup (2012, Economics and Social History), recently Managing Director of Oxford Economics, argued that increasing globalisation has been most pertinent in defining international relations.

Discussion also referenced the influence of traditional security concerns in shaping relations between states. Clark Ervin (1980, PPE), a former Inspector-General of the US Department of Homeland Security, noted how unique the September 11 attacks had been as an assault on 'home soil' in pointing to their importance among the 'defining moments'. Academic and journalist, James Rodgers (1984, Modern Languages) offered a lively

commentary on the contribution journalists and correspondents can offer to the reporting of international affairs.

Sir Humphry Davy: Natural Philosopher,
Discoverer, Inventor, Poet, Man of Action
Honoured by Napoleon and (unexpectedly)
by the Czar of Russia, friend of Wordsworth,
Coleridge and Lord Byron, Sir Humphry
Davy was one of the brightest stars in the
European intellectual firmament. Discoverer
of sodium, potassium and five other
elements, as well as the anesthetic properties
of nitrous oxide, and inventor of the Davy
miners' lamp, he packed more action and
achievement into his short life than most
scientists before or after him, even those who
outlived him by several decades.



His remarkable journey from lowly origins in Cornwall to the pinnacles of international fame was traced by Sir John Meurig Thomas, one of the UK's most decorated contemporary chemists, in an amusing and absorbing lecture. Sir John is one of the UK's most celebrated contemporary chemists, the author of over 900 research papers and the holder of numerous international and national awards.

After the Crash: Restoring Economic Growth

Quoting Rahm Emanuel, President Obama's former Chief of Staff, who said 'you never want to let a serious crisis go to waste', Tracy Corrigan (1982, Modern Languages) chaired a wide-ranging discussion on the opportunities presented by the need to 'rescue the global financial system from systemic collapse'.

Office for Fair Trading Chief Executive Clive Maxwell (1989, Geography) examined the relationship between the financial industry and the 'real economy', while *Financial Times*' journalist Paul Betts (1966, Modern Languages) argued for investment in manufacturing as a way of stimulating growth.

An international appraisal on ways of furthering economic growth was offered by Martin Heipertz (1997, PPE), who serves as Private Secretary in the German Finance Ministry. Martin proposed a number of systemic reforms in order to shore up the Eurozone.

Renewable Energies in a Green
Economy: Defining Developments
Honorary Fellow Lord Stern, author
of the seminal Stern Review on the
Economics of Climate Change, opened

a lively session which addressed

the urgency of the 'immense challenges' presented by global warming. Calling for a considerable reduction in CO2 emissions, Lord Stern's view of an 'energy industrial revolution' was echoed by Erica Hope (2001, Human Sciences), a senior policy officer at Climate Action Network Europe, an EU-based campaign organisation. Erica highlighted the urgent need for national policy-makers to promote greater energy efficiency.

Former BP Alternative Energy CEO Vivienne Cox (1977, Chemistry) spoke encouragingly of the potential of the renewable energies sector to develop alternative sources of energy, and the investment being made in green energy technologies across the world. Optimism about green energy's potential was furthered by Steve Groves (1985, Engineering), who is responsible for the development of Nissan's LEAF, the world's first mass-market electric car.





On Stage & Screen: Defining Moments in Entertainment Since 1962

Through its proud association with the Cameron Mackintosh Chair of Contemporary Theatre, entertainment has always played an important part in the life of the College. Our final panel, chaired by *Guardian* stage critic, Michael Billington (1957, English) sought to trace the changing trends in entertainment in Britain over the past five decades.

Michael and Libby Purves discussed the 'transition of power' from the commercial to the subsidised theatre as being an over-arching theme of those fifty years, while Emeritus Fellow Thelma Holt charted the changing nature of censorship and the influences of foreign theatre on the British stage. The relationship between television and society was considered by Sara Ramsden (1978, Human Sciences), who examined TV schedules since 1962 to map the development of the medium. Lively discussion followed on the value and variety of modern entertainment.

Photos by Guy Bell (www.gbphotos.com)

I wanted to see if I could understand the experience of a conflict I could never share

The memorial to St Francis Xavier in Nagasaki – the characters translate as (heaven)



Thom Mallon

(2009, English), winner of the 2011 Wallace Watson Award, writes about his experiences following footsteps of his POW grandfather across Asia.

In the summer of 2011, I trekked solo through three locations: southern Laos, Korea, and the area in and around Nagasaki, Japan. The link between them was American military activity in backwards-chronological order, but the idea was born from the Vietnam War, in which my grandfather participated. Having heard stories about the Vietcong's supply chains, and the American efforts to undo and destroy the network of paths and tunnels they used to move supplies from the north to the south – known collectively as the Ho Chi Minh Trail – I wanted to see if I could bridge the gap, in some small way, between my own experience and the experience of someone who walked that trail in earnest. In other words I wanted to see if I could understand the experience of a conflict I could never share.

To be clear, there is no way to understand what it is like to participate in a war, in that way. Not for us any more, not in the days of drone strikes. This was fighting against an enemy that was vastly superior in terms of military strength and resources. The fear and terror that must come with such a commitment is terribly hard to imagine. I had my own brushes with fear – actual,



Sharing breakfast with Vietnamese truckers.

physical fear - during the trek, and this served mostly to help me understand how extreme the fear felt in war must be relative to my own. In the jungle, at night, it is very, very dark. Animals live there. You can hear them. There's no one around to help you. Sometimes it's eerily quiet, and sometimes you can hear snakes hissing. Needless to say, it was very difficult to sleep in such a place, so I ended up walking every night until the sun rose, until I was exhausted to the point that my own anxiety could no longer suppress the hormones telling my brain to shut down. I felt that afraid, and there wasn't even anyone in particular trying to kill me. But if I couldn't understand the experience of a Viet Cong, at least I understood a little better why I couldn't. And I was able to understand other things the communist guards who I had to bribe coming into Laos, and the communist guard who treated me to lunch on the way out. The Vietnamese truckers who invited me to have breakfast with them on the side of

the road, and then gave me a lift through a no-man's land between Laos and Vietnam, an area which you're not allowed to cross on foot. If I had been there in my grandfather's time, none of that would have been possible, and whatever the differences between us, they weren't seismic enough to stop them from offering a traveller some food, or to stop me from accepting their offer gladly.

I did end up learning something very important about identity, and the way it can be manipulated during war to exacerbate a sense of ideological conflict. Ahead of the bombing of Nagasaki, some pieces of American propaganda used inflammatory imagery advocating the total destruction of Japan. Certain Japanese propaganda described Chinese people as animals, while in Nazi Germany, medieval imagery and school text books were used to perpetuate negative and anti-Semitic stereotypes.

Such propaganda seeks to undermine our humanity. Its aim is to de-humanise societies and people identified as 'the enemy'. It's worth considering the likelihood of the bomb being dropped had the Americans felt themselves more similar to their Japanese foes. What if the American electorate had been told that Nagasaki was a traditionally Christian city; that along with a Shinto shrine, they destroyed a church from the 17th century? That they had killed 100,000 Christians, with whom they seemingly shared a common identity, rather than the Japanese as depicted by wartime propaganda? I think it's because we are naturally good, caring, loving

creatures that people work so hard to trick us into thinking we're not.

The last thing I visited in Nagasaki was a memorial to St Francis Xavier, one of twenty-six Christians executed in 1597 as part of the outlawing of Catholicism in Japan. The word 'heaven' was written there in Japanese, 天国, but the gloss for its reading, which tells the reader how to pronounce the characters, wasn't 'tengoku' which is the Japanese word for heaven, but was instead 'paraiso,' the Portuguese word. After a century marred by racism, war, genocide, rape, and atomic destruction, if an American can read Chinese characters in Portuguese by a Christian grave in a Japanese city, then I think there's hope.

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Isabel with actor and comedian, Billy Nighy

The Oxford
Union, as
Macmillan said,
has held 'a
special place in

the history of

our nation'

Isabel Ernst

(2009, PPE) became President of the Oxford Union for Trinity Term 2012, the College's first Union President since Benazir Bhutto in 1977.

Founded in 1823 by a small group of students aiming to unite 'for discussion and free enquiry', the Oxford Union, as Macmillan said, has since held 'a special place in the history of our nation'. The Union is indeed a society like no other. The walls, covered with pictures of Mother Theresa, the Dalai Lama, Yasser Arafat, Richard Nixon and many others, highlight that the society has long been one of the most important centres of debate in the Western world. I remember well setting foot in

the debating chamber for the very first time during my first term in Oxford. I was instantly mesmerized by this historic place that has seen so many iconic figures give testimony of their lives, careers, and often controversial opinions. Little did I know back then that I would have the honour of following in Benazir Bhutto's footsteps, and become the first Union President from St Catherine's in over thirty years.

It seems impossible to sum up the most eventful and exciting time of my life in a few paragraphs but it is undoubtedly fair to say that getting involved in the Union was nothing short of a roller-coaster ride. Having to face elections every step of the way to the Presidency, you never know when the ride is going to be over. In order to overcome the many obstacles to get there, against fierce opposition in an environment renowned for its dirty politics, you have to really want it. Ultimately though, I always knew it would be worth it.

As President, I often found myself in situations that at the time seemed entirely surreal. One of my favourite moments was watching a nervous Johnny Depp quickly having eight espresso shots before his speech to calm his nerves. Equally, I enjoyed talking to a US Senator about his time as a Rhodes Scholar in Oxford, and chatting to Lang Lang about his favourite UK football club.

For as many enjoyable moments as there were, there were the occasional times where I got slightly worried to say the least. I will never forget sitting in a car with

Katie Price telling me that she had nothing prepared, or waiting anxiously for the next *Cherwell* issue, wondering what stories I would have to deal with this time.

It takes commitment and endurance to get and, more importantly, to stay involved in the Union aswell as meeting your academic expectations. But the feeling when you walk into the chamber, next to some of the most prestigious public figures of our time with some 500 students eager to engage in the debate you have organised makes it all worthwhile: every vacation spent in the Union working instead of lying somewhere at the beach, the long hours required to win the elections,

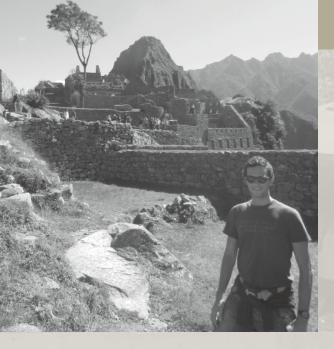
and the dedication necessary to get the best speakers possible in fulfilling your presidential pledges.

The Union Presidency has undoubtedly been my most exciting experience to date. But I certainly could not have got there on my own. I have always felt incredibly lucky to be a part of Catz, such a diverse college with an incredible sense of community. Yet I never imagined I would receive so much support for my aspirations. My friends got me through every election and every hard time along the way and the support from College made me particularly proud to finish every debate with the words, 'Isabel Ernst, St Catherine's College and Your President'.



Isabel with tennis champion, Boris Becker





Ed Richardson

(2009, Modern Languages)

This Michaelmas, Ed Richardson returned to Catz after a year abroad partially spent in Argentina. His time abroad was generously supported by the Antony Edwards Travel Bursary, funded by Antony Edwards (1952, Modern Languages).

About five hours into my flight to Buenos Aires, I was beginning to appreciate the scale of the task that I had set myself. Eschewing any offers of a cushier job working as a teaching assistant for the British Council, or a healthy Erasmus grant to go and study at a Spanish university, I had boldly decided that I wanted to spend the second half of my year abroad in Argentina.

Planning my year abroad back in the comfort of my second year at Oxford, I had told myself that it would be a total breeze to find something worthwhile to do there – finding a job, accommodation, friends, and much-needed linguistic assurance, in a completely new city; 7000 miles from home; how hard could it be? My early confidence suddenly seemed somewhat brazen as I watched the little symbol of the aeroplane on the moving map edge further and further from European familiarity, and ever closer to the 'Great Argentine Unknown'.

It was my linguistic confidence that suffered the first, early blow, when, shortly after takeoff, I attempted to engage the group of rather attractive Argentine girls sitting next to me, in what I was sure was to be a witty and amusing conversation. They could only look on, in confusion and horror, as I sat there mouth agape, suddenly unable to formulate the most basic of Spanish phrases. After living in Italy for the previous six months, I found, to my great embarrassment, that my brain would only offer my mouth Italian vocab and grammar! After what seemed like an age of my best attempt at a goldfish impression, I tried to laugh it off, and sought refuge in the in-flight entertainment, deciding that this would be a good time to take advantage of the Argentinian documentary on offer. The comfort was short-lived, as I found out that my linguistic challenge was to be even greater than had just been demonstrated - it turned out that the *Rioplatense* version of Castilian, particular



I had managed to make my time in Argentina coincide with the 30th anniversary of this most controversial of conflicts

to Argentina and Uruguay, was not as easy to understand as I had hoped. Furthermore, the content of the documentary provided me with one final pang of concern – it was an account (and a distinctly one-sided one) of the *Malvinas* (as the presenter resolutely referred to them) war. Ah yes, I had managed to make my time in Argentina coincide with the 30th anniversary of this most controversial of conflicts, the mere mention of which seemed cause enough for a citizen of my new country to launch a vituperative invective against us Brits.

And so it was, as the wheels of the plane touched down at Ezeiza International, that my gratitude at having received a generous

share of the Antony Edwards Travel Bursary reached an all-time high. In a rare moment of year-abroadplanning-foresight, I had applied for this award, thinking that it would be useful to be able to attend a course upon arrival in Argentina, in order to sharpen those somewhat neglected Spanish skills. It had allowed me to book a residential Spanish course with a school called Grupo InterCambio - Argentina (GIC), so, for the next two weeks at least, I had something to do, somewhere to live, and, hopefully, some way of refreshing my Spanish. I was pleased to find, after a couple of lessons, that I had indeed retained a reasonable level of knowledge of the Spanish language, which was at last emerging from the dark depths of my memory, and that the local dialect was not so hard to master as had first appeared. My next tasks

involved finding a job, and a place to live for the long term. The former I managed relatively painlessly - it transpired that an organisation called Road2Argentina, was happy to offer me a position working as a marketing intern for 3 hours a day, in exchange for 3 hours a day of Spanish classes. This turned out to be an extremely fortuitous arrangement that benefited my Spanish learning considerably.

The latter (finding suitable accommodation), was not so simple. There were several rooms advertised in houses for foreign students, at a rate in excess of US\$800 per month! I desperately needed an arrangement that would provide me with a fully immersive linguistic experience (i.e. in a house with Spanish-speakers), and that would not be so damaging to my bank balance. After many wild-goose chases, involving countless hours on the Buenos Aires 'subte', I eventually stumbled across what I was looking for – a reasonably priced room, in a well-located apartment that was, most importantly, shared with three locals.

Having succeeded in setting up these arrangements, thanks in no small part to the nerve-settling first two weeks of language courses (facilitated by the Antony Edwards Travel Bursary that I received) I was able to make the most of my year abroad, enjoying the unique opportunity to spend six months living and working in a foreign country, making lasting friendships with the locals, and appreciating all that the spectacular city of Buenos Aires had to offer.



As the Leveson Inquiry into the 'culture, practice and ethics of the Press' drew to a close in July 2012, Lara Fielden was called to give evidence based on her recent report on overseas press regulation. Lord Justice Leveson opened the proceedings by praising her publication as 'a monumental piece of work'. For Lara it provided an extraordinary opportunity to contribute to the debate over how we might shape the regulation of the press – and wider media – in the future.

Lara embarked on a career in television as soon as she left St Catherine's. As a recipient of the annual Nick Young Award to London

Lara Fielden (1986, PPE) on giving evidence to the Leveson Inquiry

Weekend Television she chose to work in the current affairs department, on a new show called *Eyewitness*.

'The Nick Young award was a passport straight from Catz to one of the most exciting departments in television,' she recalls. 'I was despatched to film all over the country, and assisted the editor in the gallery for a live edition as Nelson Mandela was released. I simply couldn't believe my luck'.

After a year with LWT, Lara joined the BBC, initially as a researcher on the BBC2 Foreign Affairs series *Assignment*. She went on to produce and direct a whole range of current affairs investigations and documentaries including *Panorama* and *Newsnight*. After a career break when her children were young, Lara joined the communications regulator Ofcom. She managed the unit responsible for adjudicating on fairness and privacy complaints and was responsible for two reviews of Ofcom's Broadcasting Code – the rule book for all UK broadcasters.

In 2011 she was offered a Visiting Fellowship at the Reuters Institute for the Study of Journalism, back in the politics department at

Oxford. 'It was an unmissable opportunity to take some time out, reflect on my experience of the media, and write about how it might be regulated in the digital era'.

Lara began research on a paper investigating the opaque, and frequently conflicting, standards required of broadcasting, video on demand, the printed press and wider online content and on proposals for a new, coherent regulatory framework across media.

Her work proved remarkably prescient. Within months the phone-hacking scandal erupted, huge interest in the regulation of journalism followed and she was asked to develop her paper into a book. Regulating for Trust in Journalism: standards regulation in the age of blended media was published in November 2011 and was launched with a media 'speed debating' event at City University in London.

'My conclusion was that static standards and mutating media are on a collision course. In order for citizens to be enabled to make informed decisions about the nature and credibility of the content with which they engage, I propose three tiers of clearly signalled standards across media



- comprehensive statutory requirements for public service content; incentivised voluntary ethical standards for the rest of the media; and baseline protections for children. Regulation should be incentivised as a selling point for media providers – a way of differentiating their offering in an increasingly competitive, global market – rather than as a burdensome constraint shuffled off at the first opportunity'.

The book was followed by a second report designed to inform debate around the Leveson Inquiry. Entitled *Regulating the Press: a comparative study of international press councils*, it was published in April 2012.

'I interviewed the chairs and ombudsmen of a range of press and media regulators across the world. I looked at statutory and voluntary approaches and found each of the countries grappling with the same profound challenges as we are. For example what is the role and status of new media, and how do you enable citizens to make informed choices about converging content across broadcasting, print and online media platforms?'

Lara combines her interest in the media with a wider interest in governance and accountability. She is a non-executive board member of the London Probation Trust and chairs the governing body at the Children's Hospital School at Great Ormond Street and UCH.

Her Reuters Institute research came to the attention of the Leveson Inquiry which is how Lara came to be in Court Room 73 at the Royal Courts of Justice on a sunny July



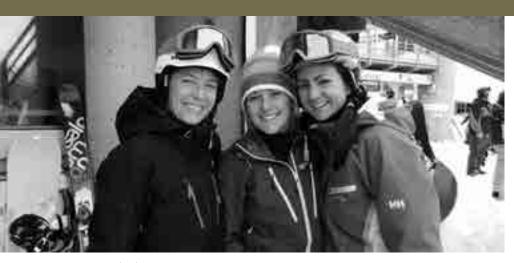
Lara giving evidence at the Leveson Inquiry

afternoon being closely questioned by Robert Jay QC and Lord Justice Leveson.

'It was a "Through the Looking Glass" experience. After watching the hearings so avidly from home, it was extraordinary to find myself in the hot seat, following in the footsteps of David Cameron, the Murdochs and Rebecca Brooks. I was delighted to find such interest from the Inquiry in my reports and their recommendations. With a new Communications Act on the horizon, as well as the final report of the Leveson Inquiry, it's a fascinating time to be working in this area'.

Bluebell Martin (1994, Geography)

on her foray into independent collaborative publishing



Bluebell Martin (left) with Maeve Ryan and Polly Courtney

After I left Catz in 1997, I spent the winter 'doing a ski season', working in Meribel – a ski resort in the French Alps. I had no idea that fourteen years later I would be reliving the experience by co-publishing bestselling novel *War & Piste* by Alex Thomas.

My day job is that of Partner at qualitative research agency Acacia Avenue International, but like many others I also have a 'five-to-nine' occupation as an occasional editor for unpublished authors in need of some help in fine tuning their manuscripts in hope of a publishing deal. One novel I'm particularly

proud of contributing to is *Poles Apart* by Polly Courtney, which led on to a three-book deal with HarperCollins.

In 2009 I received a manuscript, via Polly, from a new author called Alex Thomas. The first chapter needed a lot of work, but once the story got into its stride I found myself completely immersed in the adventures of the heroine, Poppy, in a fictional Austrian ski resort. The story was not only wickedly funny but also a brilliantly accurate depiction of the realities of ski season life, which I immediately related to my own experiences a decade or so before.

Over the next few months, the author and I worked together on tightening up the manuscript in preparation for being sent to publishers, and spent a number of evenings putting the publishing industry to rights. We bemoaned the risk-averse nature of traditional publishing and the many barriers for new authors – increasingly short-sighted, we believed, in the era of the internet and an explosion of self-publishing, both in print and online. We even talked about setting up an editing business in the future, that didn't charge £500 for the first chapter, and actually helped new authors instead of hindered them.

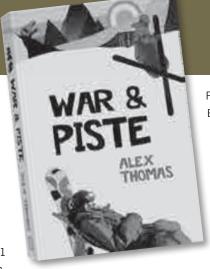
The manuscript nearly made it, being praised for the quality of the writing by several publishers, but ultimately wasn't taken on. It was 'too niche'. Secondly 'it wasn't girly enough – could it be re-written as chick lit?' The former issue was fundamental, and the latter was simply not an option – the author's aim was to appeal to intelligent, adventurous male and female readers, not girls interested primarily in reading about shopping and finding Mr. Right.

So in December 2010 we decided to go it alone. Our belief was that the combination

of Polly's publishing
expertise, my marketing
experience and Maeve's
deep knowledge of the
snow sports world would
be a successful mix. We
set up as an independent
publisher (Traudl
Publishing), and set about
planning for an October 2011
launch. There were two main
strands of work to be done.

First, the publishing itself, which included numerous further edits, setting up a bulk print run for promotional purposes, and a 'print on demand' edition that we would sell directly through Amazon without the need for a large initial investment.

The other strand, equally important, was the promotion of the book. Getting it into print was only the first step – we needed to get it in front of its intended audience. This task included everything from planning the launch party (complete with *Glühwein* and *reblochon* canapés for an appropriately alpine feel), stalking snow sports journalists, getting the launch sponsored by ski gear brand Dare 2b, getting a stand at the Relentless



Freeze Festival at
Battersea Power
Station, designing the
website and Facebook
page, designing and
printing stickers
and flyers, pulling
in favours from
everyone we knew
(including Tom
Bainton (1989,

History), who made a promotional film for us), and, as our ultimate reward, planning a two-week launch tour of six major Alpine resorts.

Needless to say 2011 passed in a blur. War & Piste became a full time job, and looking back, I have no idea how we did so much on top of our equally demanding day jobs. But the book was successfully launched, was featured in a number of key snow sports publications, reviewed by numerous ski-industry bloggers, promoted hard at ski shows and started to pick up momentum...

We next took my van, appropriately stickeredup and equipped with snow tyres and snow chains, across to France, stacked with books, skis and snowboards. The first sign of success was when a man came across the van while on our way through the Channel Tunnel and immediately asked to buy a signed copy, the book having been discussed on one of the major online ski forums. We covered six resorts, and were rewarded with epic powder snow conditions at each – which of course we took full advantage of.

Since the tour, the word has continued to spread through the snowsports community and beyond, and the author has spoken at a TEDx event in Lausanne, and (along with me) at University College, London (UCL) on the subject of the new wave of collaborative independent publishing that is beginning to make waves in the publishing world.

As the sales figures grow into the thousands, and *War & Piste* rides high in the Amazon humour charts, we are looking towards the next challenge of getting it into major book shops now that we have proof of its potential. Wish us luck!

Find out more at www.WarAndPiste.com, and if you ever read a copy I hope you enjoy it as much as I enjoyed getting it out there. ■

Morley Hollenberg (1964, Medicine) on his ground-breaking research



Over the past two years, Professor Morley Hollenberg has been the recipient of two prestigious awards in recognition of ground-breaking medical research.

It is thanks to the Catz Development Office and the persistence of Renzo Corrias (2011, Economics) who put up with a longer than expected transatlantic conversation during the recent Telethon, that this note of appreciation is being written. In the College's 50th year, I am reminded that I made my way up the staircase in College only two years after the cement had dried.

Has it really been that long? As the Chinese Proverb goes, my step at Catz was unequivocally in the right direction; and that research direction, begun with the guidance of my tutors Derek Hope and Hugh Blaschko,

The 1968 St Catherine's 1st Torpid on the College Barge



has its roots firmly in Oxford soil and on the Isis.

I joined Catz as a Canadian Rhodes Scholar from Manitoba. Why Catz? Two simple reasons: (1) given its recent construction, the rooms were guaranteed to have central heating; (2) my DPhil supervisor, Derek Hope, was then a member of College. That rationale bore fruit: I was warm for the entire year, and my tutors coached me to a successful DPhil thesis.

We had struck a deal. First, I had to acquire the data that would justify a good thesis; then I would be able to row for Catz. Within a year or so, I crystallized the protein I was interested in, learned the basis of peptide chemistry that has underpinned my research until today, and then: on to Torpids in March of 1968, and we went up-river. That was my real goal at Oxford, in keeping with my Winnipeg Rowing Club experience. The DPhil was a by-product of what rowing had taught me: hard work, good work, teamwork, persistence and 'going all-out'.

My Oxford experience was a stepping stone to the Department of Pharmacology & Experimental Therapeutics, where I worked on the mechanisms of action of insulin and other growth factors. I then returned to

Canada in 1979 as Head of the Department of Pharmacology & Therapeutics at the University of Calgary, Faculty of Medicine.

My research programme flourished, resulting in insights about the way protein-degrading enzymes (e.g.: digestive enzymes) can have 'insulin-like' effects to cause inflammatory diseases such as colitis, arthritis, and asthma. Over the past two years, that work has been recognised by the Royal Society of Canada's McLaughlin Medal ('for important research of sustained excellence in any branch of medical science'), and by the Canadian Society for Clinical Investigation-Royal College of Physicians & Surgeons of Canada's Henry Friesen Award ('for novel and original research of the highest calibre recognized internationally; and for serving as a mentorship role model').

How do the honours accorded to my research programme relate to Oxford and the Catz experience? Simple: I was provided with superb mentorship, outstanding training and a supportive College environment to thrive. In that regard, the camaraderie of the Torpids First Eight looms large. There are few experiences to match rowing for honing the qualities of teamwork and excellence that are essential for a successful research career.

Matthew Yeo (2001, History) on publishing his latest book about Chetham's Library

Matthew Yeo has recently published his first book, *The Acquisition of Books by Chetham's Library, 1655-1700*, a detailed study of the way in which the early modern provincial library was created, stocked and administered. The result is a refreshing reinterpretation of provincial intellectual culture, and of the early modern trade in books and ideas.

'It is true that a fair Librarie, is not onely an ornament and credit to the place where it is; but a useful commoditie by itself to the publick; yet in effect it is no more than a Dead Bodie as now it is constituted, in comparison of what it might bee, if it were animated with a publick Spirit to keep and use it, and ordered as it might bee for publick Service'. ¹

Chetham's Library was founded at a time when libraries were at the forefront of many scholars' minds. Although the connection is coincidental, this quotation from the *Reformed Librarie-Keeper* by John Durie is all the more pertinent to the study of Chetham's Library because it was published by Robert Littlebury, the publisher and bookseller who supplied books to the Library between 1655 and the

end of the seventeenth century. Books had to be arranged on the shelves in order to facilitate an easy transition from one book to another. Durie captured the importance of the usefulness of books to early modern readers. Libraries were not just beautiful additions to houses or communities, but had to provide a service. Durie's work lamented the reduction of librarianship to mere conservation, and he looked back to an earlier age of activist Protestant librarianship, in which the library was a knowledge factory.

At Chetham's Library in the seventeenth century, many books were read selectively. These works, such as biblical concordances and harmonies, formed a large part of the Library's earliest purchases, intended to combat the 'information overload' generated by the fruits of the printing press. The scholarly value of these books came not from the persuasiveness of their arguments. Instead, it was derived from the capaciousness of the indexes and from readers' strategies to wade through the huge number of texts to be read. These were books that indicated that the reader was an active and creative participant in the creation of meaning from the text. Early modern readers acknowledged the fact that books were for use, and increasingly, historians of the early modern period recognise it too.

Readers in libraries acknowledge that libraries have to be organised to make them useful rather than just repositories of books. They provide 'standards of coherence' by which readers understand the texts they read, which include catalogues, shelving and practices of storage and retrieval. The 'intelligencer' Samuel Hartlib made efforts in the seventeenth century to create coherent bodies of knowledge, and corresponded with John Worthington, a regular visitor to Chetham's Library, to discuss how to perfect catalogues and indexes for books in libraries. For Hartlib, a librarian, and particularly one responsible for a scientific library, had to become 'a factor and trader for helpes to learning, a treasurer to keep them and a dispenser to apply them to use, or see them well used, or at least not abused'.

Libraries and librarians were important elements in the early modern trade in books and ideas. However, there is a real danger in the inference that libraries simply store the products of the book trade. The study of early modern libraries must work outwards from a Library's acquisition and ownership of a book, through a multitude of issues around intellectual content, material forms and the book trade, to the reading and employment of texts in the early modern period.

John Durie, The Reformed-School And the Reformed Librarie-Keeper (London: Robert Littlebury, 1651).
 Image courtesy of the Librarian and Feoffees of Chetham's Library

Nadeem Lalani (2007, PPE) on his tea-trading business

You can have a positive impact.

In 2010, I left Catz to join my two brothers in setting up our own tea trading house, Lalani & Company to source, select and curate boutique teas produced by family run tea gardens across the world, with a sustainable and ethical focus.

We believed that business can, and should, have a positive impact on society and the environment, sewn right into the fabric of it. What could be better than doing something you love and growing a business, knowing that with every effort you put towards it, you are indirectly helping improve either the social or natural environment around you? In the end everyone wins.

The starting point was tea, of which we drink 165m cups a day in the UK, with little idea of just how elegant a drink it can be. So we set out to change this. We love that we have been able to work with, and support, artisan producers and experience how the flavours of exquisite leaf tea are an expression of nature's seasons, biodiversity, climate and terroir.

The journey so far has allowed us to work with some great people - from forward

looking chefs to hoteliers, the press, the SRA and Slow Food. One key step we took was to create seasonal tea libraries for people to experience the character of teas selected seasonally with full provenance. We called the approach 'curating tea from *Garden to Glass*'.

I was lucky when I left Catz. I had two brothers who had just begun the groundwork of what was to become Lalani & Co. Having business partners like this has been an immense support. There's still a lot left to learn (Catz was only the beginning of a lifelong process!) and if you start your own business be warned - whatever your greatest weakness is, you will soon find out!

This is a good lesson though; if you feel you want to try your own thing, be entrepreneurial or work with entrepreneurs, you don't always need all the skills yourself. Teaming up with people you trust, who can pick up where your skill set ends can have a real impact. Look around you - these people are with you every day in Oxford.

These two years have also opened my eyes to how intricately tied we are to the world we live in. The more we see of agriculture, industry and food right from the tea garden to the very top Michelin starred kitchens,



the more we see the immediate need and opportunity to increase our sustainability and be positive citizens in today's world. It's exciting to see how many fun, talented and wonderful people are out there who want to do something about it and have fun while doing so.

I'd encourage you to get stuck in, whatever you are doing, whether starting your own business or going into employment. We'd love to help if you're thinking about a startup or want advice on how you could start looking for an interesting and fulfilling career. There are plenty of options out there. Drop me an email on NL@lalaniandco.com.

If you want to experience tea culture at its best, our collection of single estate teas launches in February. Visit lalaniandco.com, follow us on Twitter (@lalaniandco) to find out the latest news.

Sally Francis (1990, Biology) on her passion for, and work with, saffron

My passion is plants, especially those of current or historical economic importance. After a first degree in Botany, I stayed on at the Department of Plant Sciences in Oxford for my DPhil in barley powdery mildew disease. I worked in agricultural research for some years, then took the decision to become a selfemployed writer and consultant specialising in crops. My first major undertaking was writing, illustrating and publishing British Field Crops, a book which has become the standard text on the subject. I am involved in many interesting freelance projects, including scoping studies on 'alternative crops' for cultivation in the UK. More recently I have added a new venture. I will hazard a guess that this particular profession is unique amongst Catz alumni: I am a saffron grower.

My saffron enterprise began because of a birthday present of just twenty plants back in 1997. After many years of growing a little saffron in the garden at my parents' smallholding in North Norfolk, I discovered by chance that a completely forgotten, but highly important, saffron-growing industry had once operated in nearby villages. Saffron from Norfolk was held in high esteem

both in Britain and overseas.

Valuable consignments of the spice were regularly exported from Norfolk ports like Wellsnext-the-Sea (where I had gone to school) to the Low Countries in the early seventeenth century, though a paucity of surviving customs records means we only have the merest glimpse into this intriguing trade.

In 2009 I started transforming my hobbygrowing into commercial production. It required all my botanical and farming expertise to develop agronomy techniques that would allow the plant to be grown in field conditions, rather than a very sheltered garden, and to produce an economically viable amount of saffron per woman-hour invested. There were masses of technical challenges to overcome, but my first small field-grown harvest was gathered in 2010. The following year I applied for Rural Development Programme funding to help buy more stock, design and make bespoke machinery, as well as produce Saffron: the Story of England's Red Gold. Researching this book revealed the specialist vocabulary

> used by the crokers (saffron growers) from the Tudor period until saffron's abandonment in England in the 1820s.

Saffron is not an easy crop to grow and the associated work is very exacting and painstaking, which I love! Unlike most other crops, saffron has defied mechanisation and is still grown in a similar way to when it was first domesticated in Bronze Age Crete. It is exceptionally labour-intensive and huge amounts of work are needed to grow even a tiny area, so I do not operate on the same scale as other farmers. Harvesting is only possible by hand. Between 150 and 200 flowers are needed to yield just one gram of dried product, which is why saffron comes at a price.

My focus for my business, Norfolk Saffron, has been on quality and sustainability. After much research, I developed a harvesting and drying method which produces rich, dark red saffron threads that are as strong and potent as possible. I only sell saffron from the most recent harvest, never older stock, which means the saffron's superb flavour can be enjoyed to the full. In recognition of this, last year we won a Gold Great Taste Award. My work is always interesting and varied, ranging from R&D experiments to driving the tractor. I enjoy the seasonal nature of saffron growing, meeting people as passionate about saffron as me, and above all I love the harvest. It's just so very satisfying to grow something useful.

For more information, and for online sales, please visit: www.norfolksaffron.com and www.britishfieldcrops.co.uk ■

News in Brief

Richard Brett-Knowles (1941, Physics)

has participated in an oral history project organised by the British Library. Entitled 'An Oral History of British Science', the series documents the lives of the scientists and engineers at the heart of Britain's twentieth century scientific endeavour. He describes his wartime experiences in developing secret radar technology, while studying at Catz.

Limestone Hills, the farm owned by **Gareth Renowden (1972, Human Sciences)**, became
the first truffiere in New Zealand to produce
three main commercial species of truffle. In
October 2012, Gareth published the first book
in a planned speculative fiction



trilogy. The
Aviator: The
Burning World
is a satire set
in a near future
being battered
by rapid climate
change, and
owes a debt to
Gulliver's Travels.

Harriet Sergeant (1974, English) has recently published *Among the Hoods: My Years with a Teenage Gang*, documenting a dramatic three years she sent befriending a teenage gang in London. The book charts her encounter with the gang leader Tuggy Tug, and a growing friendship which is described as offering Harriet a new understanding of the deprivation and despair many young people encounter. *The Independent* called it a 'candid, and deeply affecting report', while David Lammy MP, writing for *The Telegraph*, praised the book for offering 'a window into the personal journey of a remarkable woman'.

Sonia Taitz (1976, English) has recently published, *The Watchmaker's Daughter*,

telling 'the fishout-of-water story of a young Jewish girl, the daughter of Holocaust survivors, and her life at Oxford'. Vanity Fair included it in their 'Hot Type' selection; *People* magazine called it 'heartwrenching and funny', while the *Reader's Digest* included it on its 'Don't Miss List'.

Dr Mustafah Dhada (1977, Social Studies)

has recently published *America: Have We Crossed The Rubicon*, which appeared in the November 2012 edition of *Empirical* magazine. Mustafah, who himself contributed to the constitution of his native Mozambique, asks whether the US Constitution has been circumvented in a range of areas, including elections, the censorship and control of media, and corporate influence over elected officials.

Frank Hinks (1986, Law) has recently published, to glowing reviews, *The Body Collector*, the fifteenth book in the Ramion series which he writes and illustrates. Since 1995 he has produced over 400 full page





gouache paintings. He is published in Korean as well as English.

Florian von Oppenheim (1993, Human Sciences) is delighted to announce his engagement to Rotem Barr, with whom he is busily making wedding preparations for a Shanghai wedding later this year. Florian set up a records management business in Shanghai in 2003, which he still owns and manages with six branches in cities across China.

Catz Fellow in Chemistry, Dr Jim Thomson (1999, Chemistry) and Cally Thomson, née Batcheldor (1999, Geography) were delighted to announce the safe arrival of Joshua James Thomson, born on 28 August 2012.



Securing the Future A Gift to St Catherine's in your Will

'At the end of our 50th anniversary year, our College motto, nova et vetera, the new and the old, says it all. We have a wonderful inheritance stretching as far back as 1868, an inheritance which shaped the founding of the College in the sixties and which now helps to prepare us for the future. In this momentous year, our mission as a College is as clear as ever: realising the potential in our young students and providing them with an environment within which they can flourish in the pursuit of intellectual fulfilment'

Professor Roger Ainsworth, The Master







'I am pleased to know that my Legacy will enable at least a few students to take advantage of the incredible opportunities which were afforded to me over thirty years ago, and which have lasted a lifetime'

Paul Kent (1979, English)

St Catherine's is deeply grateful to the foresighted generosity of its community of Legators, whose pledges help to secure our financial security for generations. Every two years, we invite our Legators back to College for a special Lunch in College. This year's event will be held on Saturday 27 April 2013.

If you are leaving a Legacy to St Catherine's in your Will, or if you would like to find out more about how to leave a Legacy, please contact the Development Office on on +44 (0) 1865 271 760 or, by email, on development.office@stcatz.ox.ac.uk.

College Events 2013

Monday 28 January	Sir Michael Boyd's Inaugural Cameron Mackintosh Lecture
Friday 15 February	The Nairne Seminar: Lord Mandelson (1973, PPE) and Evan Davis
Thursday 21 February	Catz Couples Dinner*
Saturday 2 March	Rowing Society AGM and Dinner
Saturday 2 March	Degree Day
Thursday 7 March	Wallace Watson Award Lecture
Saturday 9 March	Parents' and Freshers' Lunch*
Thursday 21 March	Hong Kong Drinks Reception
Friday 22 March	Oxford Intercollegiate Golf Tournament, Frilford Heath Golf Club
Saturday 27 April	Lunch for Legators*
Saturday 3 May	Degree Day
Thursday 9 May	The Katritzky Lecture: Dr Christopher Brown (1966, Modern History)
Saturday 18 May	Degree Day
Thursday 23 May	The London Party
Saturday 8 June	Degree Day
Saturday 15 June	Parents' and Second Years' Garden Party*
Saturday 15 June	Undergraduate Leavers' Day*
Saturday 22 June	Degree Day
Saturday 29 June	Gaudy for 2000s Matriculands*
Saturday 13 July	Degree Day
Friday 26 & Saturday 27 July	Degree Day
Friday 2 & Saturday 3 August	Degree Day
Friday 20 September	Rhodes Scholars' 110th Anniversary Dinner*
Friday 20 & Saturday 21 September	Degree Day
Saturday 26 October	Benefactors' Day
Saturday 9 November	Degree Day

^{*}Invitations for these events will be sent nearer the time.

To book your place on any of the above events, or for any other enquiries, please contact the Development Office on development.office@stcatz.ox.ac.uk or +44 1865 281 596. For more information about these and other upcoming events, please keep an eye on the College website, www.stcatz.ox.ac.uk, and for photographs taken at the events. see www.facebook.com/stcatz.

The College Time Capsule

The College Enigmatist, **Chris Maslanka** (1973, Physics) offers the next clue, in a series of 50, to the contents of the time capsule buried underneath St Catherine's College.

Do men gather grapes of thorns...

The clues so far:

- Two thirds of my number is one and a half times what I am
- 2. Pooh in 1927, true of us today?
- 3. Do they belong to longevity?
- 4. The first 6 000 flowers.
- 5. A good hiding...
- 6. Six of one and half a dozen of the other.
- 7. Initially he found like an insect...
- 8. Bovine comes to his river.
- 9. To each his own.
- 10. Do men gather grapes of thorns....

To try and solve these cryptic puzzles, visit www.stcatz.ox.ac.uk/timecapsule

London Party 2013

Thursday 23 May 2013, 6.30 - 8.30pm

The venue for this year's London Party is still being confirmed, but in the meantime, please do save the date! Invitations will only be sent out to those who live in London and the Home Counties. If you live outside this area, but would still like to attend, please contact the Development Office directly.

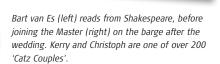
Kerry Walker & Christoph Reisinger Fellow in Physiology & Medicine and Fellow in Mathematics

We are pleased to announce the marriage of two of our St Catherine's Fellows, Kerry Walker (Fellow by Special Election in Physiology & Medicine) and Christoph Reisinger (Tutorial Fellow in Mathematics). Kerry and Christoph were introduced in January 2009 by the Master, Roger Ainsworth, in the Senior Common Room. It didn't take many college events to ignite a spark.

The couple exchanged vows in Brasenose College Chapel on 30 September 2012. The wedding party then set off on an Isis riverboat cruise, followed by dinner and dancing at the Isis Farmhouse. Several St Catherine's colleagues and friends played key roles in the festivities. Senior Tutor and Tutor in English, Bart van Es, read Shakespeare's Sonnet 116 ('Love is not love, which alters when it alteration finds'), while Tutorial Fellow in Physics, Andrew Bunker, was Usher, and former Philosophy Fellow Timothy Bayne served as Best Man.

Kerry is our Director of Studies for Biomedical Sciences and an Early Career Research Fellow at the Department of Physiology, Anatomy & Genetics. This research involves decoding neurons' action potential responses to complex sounds in order to understand how the brain represents perceptual features such as pitch and timbre.

Christoph is a Tutorial Fellow in Mathematics and a University Lecturer at the Mathematical Institute. In his research, he develops and analyses computational algorithms for models arising in financial markets. The mathematical tools involved range from asymptotic expansions and dimension reduction techniques to the multilevel approximation of high-dimensional partial equations.



Sudhir Anand Fellow in Economics & Professor of Economics on the publication of his new book, *The Cost of Inaction*



The cost of *not* undertaking an action can be much greater than the cost of undertaking it. Inaction can lead to serious negative consequences – for individuals, for society, and for the economy. The consequences of a failure to address extreme poverty, for example, include child malnutrition, lack of basic education, preventable morbidity, premature mortality, and other costs borne by the poor. Failure to provide primary schooling to children can lead to lower future incomes, higher HIV/AIDS risk behaviors, increased fertility, and numerous other costs.

To illustrate the application of the cost of inaction (hereafter COI) approach, we have conducted six case studies – three in Rwanda and three in Angola. These studies highlight the importance of identifying appropriate interventions as sets of complementary actions, not simply as isolated single actions. An excellent example of an integrated intervention is the scaled-up FXB-Village Program in Rwanda, which consists of a set of tightly-knit complementary actions designed to lift people out of extreme poverty by enhancing their basic capabilities. The other two actions in Rwanda

involve school feeding and secondary schooling, respectively. In Angola, the interventions are: provision of a community healthcare system, strengthening of the education system, and an adult and infant male circumcision program.

The COI approach distinguishes between constitutive and consequential benefits. The distinction is important because in addition to the direct benefits which 'constitute' an action. the consequential or indirect benefits of an action should form part of the information set to evaluate its benefits. Without an explicit recognition of consequential benefits, they may tend to get ignored. For example, reducing maternal mortality will have both constitutive and consequential benefits. The constitutive benefit of an intervention to reduce maternal mortality is fewer maternal deaths. But there are also consequential benefits of mothers' survival for their children's early development, health and education.

The inclusion of consequential benefits highlights the fact that actions in one area can lead to benefits in other areas. The COI

approach forces the evaluator to consider the value of an action across different sectors. For instance, the evaluation of an education intervention should take account of its consequential health benefits.

In COI analysis a plural approach is taken to identify and value benefits. As in the accounting of human development, COI benefits are considered in three main dimensions: health, education, and income. The different types of benefit are listed separately, and we can think of them as a vector of benefits. The vector includes both constitutive and consequential benefits, and quantified and non-quantified benefits, with the quantified benefits specified in monetary or non-monetary terms. No attempt is made at reducing values in different spaces to a common money metric. By listing benefits in different dimensions separately, the COI approach provides information that supports discussion on the evaluation of different outcomes.

Interventions directed at children lend themselves particularly to COI analysis



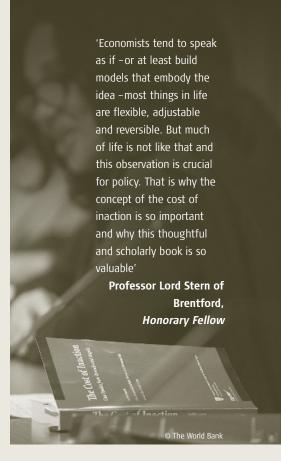
Dr Jim Yong Kim, President of the World Bank, at the launch of Sudhir Anand's The Cost of Inaction, 19 December 2012

because the costs of inaction tend to be large. The negative consequences of inaction in relation to children are experienced over a long period of time – their entire lifespan. Obversely, the benefits of investment in children are reaped over a long time horizon. Investments in children's early development, nutrition, health, and education will therefore generate large aggregate benefits – as demonstrated in the Rwanda and Angola case studies.

There is another reason why the costs of inaction in relation to children can be particularly large. The damage caused by not undertaking certain actions on behalf of children may be irreversible. Thus if a child suffers from severe malnutrition, he or she can become stunted – a condition that is difficult to reverse. If damage is done to neural networks, it is almost impossible to undo. Finally, the death of a child through inaction is the ultimate irreversible consequence.

The case studies in the book focus mainly on children affected by poverty and HIV/ AIDS. But the COI approach is quite general and can be applied to other areas. Failure to act on climate change, for instance, will lead to enormous costs because the period of time (in this case, generations) over which the consequences are experienced is very long, and many of the consequences are irreversible – or reversible only at great cost.

In summary, the COI approach provides a framework to support the evaluation of the negative consequences of inaction. Difficult decisions have to be made by policymakers, and there is no mechanical formula that can generate decisions. Many value judgments must be taken into consideration in the areas of human and economic development. People's values often differ, and there needs to be room for debate. The COI approach seeks to promote such discussion, not to avoid it.



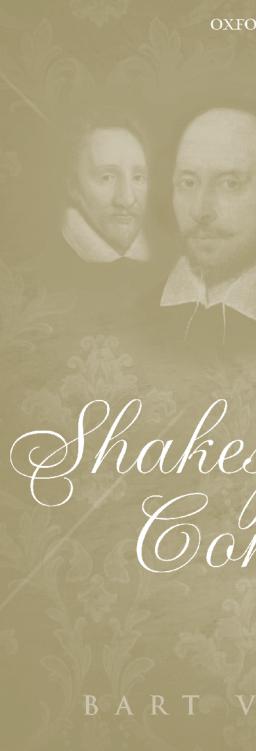
Bart van Es Fellow & Tutor in English

Earlier this term, Bart van Es marked the publication of his latest book, *Shakespeare in Company*, with a launch in the College's Mary Sunley Building. Based on research into hundreds of manuscripts and plays by Shakespeare and his contemporaries, the book seeks to address how Shakespeare's working conditions affected his artistic development.

Bart van Es's new book examines the way that Shakespeare's plays were shaped by the influence of his contemporaries. It tells the story of how the playwright's work was transformed by his decision in 1594 to become a shareholder in an acting company, a decision that would make him wealthier than any other playwright and would also give him a new kind of artistic control. Bart argues that it was above all the events of 1594 that separated Shakespeare from the literary mainstream. Close contact over many years with the same set of actors allowed the dramatist to develop what the book terms 'relational' drama, in which a large group of characters retain consistent physical distinctiveness plus a 'memory' of what other characters have done. This kind of drama differed from that of Shakespeare's contemporaries and had not been written before.

Bart van Es's book splits the playwright's career into four phases. The first looks at Shakespeare's life and work before he became a sharer. It argues that in early compositions like *Titus Andronicus*, the *Henry VI* plays, or *The Rape of Lucrece* Shakespeare's style was very close to that of his contemporaries, such as Christopher Marlowe and George Peele. Using surviving letters and other manuscripts, Bart sets out the nature of everyday working practice in the early modern theatre. During this period Shakespeare collaborated closely with his fellow playwrights, often producing co-written plays.

After 1594 Shakespeare's working practice became very different, but the exact makeup of the acting company did not stay the same. The rest of the book charts these developments, showing how the arrival of new actors and the purchase of the Globe playhouse had a direct impact on the way Shakespeare wrote. Rivalry with other acting companies is also part of this picture. Most important, there was competition with the new children's theatres, which established themselves in the capital at the start of the seventeenth century. The child actors, whom Hamlet calls 'little eyases', are directly addressed in Shakespeare's drama. The





Shakespeare's position as a company shareholder, theatre owner, and playwright had a powerful and changing effect on the style of his work

company had a kind of 'war' with them, in which the company eventually triumphed.

The final part of *Shakespeare in Company* addresses the conditions that helped produce the playwright's well-attested 'late style' after 1608. Bart explores the reasons for Shakespeare's return to his early practice of co-authorship in this period and his special closeness to the poet John Fletcher in his final years. After the lease of the Blackfriars playhouse, the book argues, Shakespeare slowly became part of the company of poets once again.

One of the things that is new about this study is the unprecedented detail it provides on Shakespeare's day-to-day working practice. The actors with whom he worked are described through their personal acquaintances, known roles, and acting styles. Some, such as Robert Armin and William Kemp, published compositions of

their own. Individual chapters address the way that Shakespeare changed his work to accommodate the leading players, notably Richard Burbage (who also had the largest financial stake in the company). A very clear adaptation occurred when Shakespeare's company changed its lead comic actor. Rumbustious clowns such as Dogberry in *Much Ado About Nothing* (written for William Kemp) provide a marked contrast to the satirical fools written for Kemp's successor, Armin (roles including Touchstone, Feste, and the Fool in *King Lear*).

The character of Shakespeare's actors is one key factor that the new book considers, but it is also concerned with the wider culture of the Early Modern theatre world. The cover of the book thus features Shakespeare flanked on the one hand by Richard Burbage and on the other by Christopher Marlowe: it was the special balance between these two kinds of influence that made the playwright's position such a powerful one. Shakespeare in Company thus shows that the national poet was unique not only in his literary achievements but also in his material situation. Shakespeare's unprecedented position as a company shareholder, theatre owner, and playwright had a powerful and continually changing effect on the style of his work. Ultimately, Bart van Es's book concerns the creative outcome of fellowship.

Ben Bollig Fellow & Tutor in Spanish

on his collaboration with Argentinian poet, Cristian Aliaga

Cristian Aliaga is a poet, journalist and academic based in Lago Puelo, Patagonia. He has published more than a dozen books of poetry and edited many more, and he is widely recognised as one of Argentina's outstanding contemporary writers. He founded the newspaper *El extremo sur*, and edits its cultural supplement, *Confines*, two quite implausible projects in the very far south of the world. He also directs Espacio Hudson, an independent publisher and cultural centre.

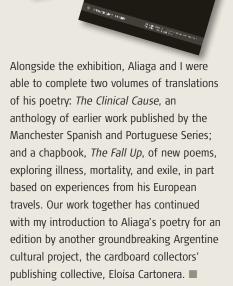
I first encountered his poetry when organising a research symposium on culture and political activism in Latin America. I was struck by its almost documentary realism: semi-abandoned towns, huge spaces fenced off or destroyed by mining, and the everyday struggles of people trying to get by. Yet his poems also had a lyrical though unsentimental voice as they detailed his own travels and reactions to what he saw. Aliaga records the voices and stories he encounters, writing as one who doesn't quite belong and who is constantly on the move.

In 2011, Aliaga was awarded a Leverhulme Visiting Professorship to spend eight months

in the UK, partly to work with me on shared projects. He was interested in combining the verbal and the visual, and finding unconventional ways of publishing poetry. He envisaged an exhibition of what we came to call poetry-art: images by the designer Alejandro Mezzano incorporating phrases and lines from Aliaga's poetry.

Each image was presented bilingually, a version in Spanish alongside another including my translation. These works explore the relationship between different languages and between different media. Mixing design, literature, and translation, these poem-art-posters sought to take poetry off the page of the book and into new spaces.

The works were displayed in St John's College to the general public, including passers-by and tourists, as well as the academic community. Students of Spanish from Catz and St John's helped set up and invigilate. The show closed with a bilingual poetry reading, in English and Spanish, in the atmospheric setting of The Barn. A recording is now available to download as a podcast from the University's website.



Kirsten Shepherd Barr Fellow & Tutor in English



Lottie: "Are you evolving at present?"

Mervyn: "I hope so!"

Lottie: "It must be a dreadfully uncomfortable process."

Robert Buchanan, The Charlatan (1894)

I spent last year on a Leverhulme Research Fellowship researching and writing a book on theatre and evolution, a topic that developed from my previous book *Science on Stage: From Doctor Faustus to Copenhagen* and from my experience in organizing and chairing a panel on 'Darwin and the Theatre' for the Darwin Festival 2009 in Cambridge.

What can theatrical engagements with evolution tell us about the cultural embeddedness of science? I have found a striking number of plays and performances that have engaged with evolutionary theory since the 1840s, when the bestselling Vestiges of the Natural History of Creation put ideas about the transmutation of species into the public consciousness. Victorians flocked to 'missing link' shows that purported to display examples of intermediate species; they attended human anomaly displays like the Hottentot Venus; they descended on

the newly opened London Zoo to watch 'ethnological exhibits' in which commercially displayed peoples (usually Zulus) went about their routine business of life in their native garb; and they saw evolutionary ideas filtered through cabaret and vaudeville. But it was not just the illegitimate theatre that engaged with evolutionary ideas, and not just the Victorians. My book project sets these kinds of performances alongside the work of playwrights like Ibsen, Pinero, Jones, Buchanan, Shaw, Strindberg, Maeterlinck, Elizabeth Robins and Florence Bell, moving to twentieth-century dramatists such as Susan Glaspell, Thornton Wilder, and Samuel Beckett, and concluding with discussions of recent evolution-inspired pieces such as Catherine Trieschmann's How the World Began and Cirque du Soleil's Totem, the latter inspired as much by Haeckel and Lamarck as by Darwin.

Non-Darwinian evolutionary theory has always been very popular with playwrights and directors. We see Lamarckism in Shaw with the idea of progress and the will (inheritance of acquired characters); we see saltation in plays like Susan Glaspell's *The Verge*. Yet

scientific accuracy has hardly been a priority in many of the examples I have found. Investigating these plays and performances has revealed two main tendencies in theatre's engagement with evolution: contrarianism and wrong-headedness. Far from merely reflecting or conveying evolution, theatre has tended to take a questioning, often hostile stance, and it often gets the science wrong, spectacularly, deliberately, and productively, making theatrical engagements with evolution clear examples of what Gillian Beer has called 'creative misprisions' as they transform the very ideas at their core. Sometimes they even prove prescient: one of the fascinating developments I trace out is how the rise of epigenetics has reclaimed Lamarckism, the inspiration for many theatrical works that engage evolution.

Earlier this year, Kirsten's book, Science on Stage: From Dr Faustus to Copenhagen was re-released in paperback by Princeton University Press, and was the subject of a Times Higher Education article by Matthew Reisz on 22 November 2012. The Guardian's PD Smith, reviewing the book, praised it as a 'well-researched and illuminating study' in an article on 16 October 2012.

Gaia Scerif Fellow & Tutor in Experimental Psychology

on her research into human cognition

2011-12 saw Gaia Scerif recognised by a number of prestigious bodies for the high quality of her teaching and research. She collected a Scholar Award from the James S McDonnell Foundation for her research proposal on the effects of attention disorders, and the Margaret Donaldson Early Career Prize of the British Psychological Society for an 'outstanding contribution to developmental psychology'. Meanwhile, the American Psychological Society nominated her a 'Rising Star' in psychological research, and OUSU, the University's Student Union, awarded her with an 'Innovation in Teaching' Award.



A fundamental question about human cognition is the extent to which it is predetermined to take its adult shape, or is instead malleable and dependent on learning from the environment. This issue naturally brings researchers to investigate the early development of cognitive functions, and theoretical positions have coalesced around distinct alternatives. Nativists propose that infants come to the world equipped with a sophisticated armament of skills and conceptual knowledge. Claims of innate specification of cognitive domains have been bolstered by dissociations of function in individuals with developmental disorders, especially those associated with a known genetic aetiology. Constructivist accounts instead see environmental input as instrumental and question the notion of developmental disorders as islets of intact and impaired ability.

A way to turn impasse into dialogue is to ask how knowledge emerges through the active selection of information in a complex environment. Processes such as attentional control (the selection of information in the environment) gate further encoding into short-term and long-term memory. Attentional

processes also provide the mental workspace necessary to ignore information, update knowledge and maintain it online. They therefore constrain learning about the world. While the development of attentional control influences learning in typically developing young children, who are amazingly attuned to selecting and encoding information, attentional deficits can lead to cascading effects across many domains of cognition. In this context, studying individuals with disorders of attentional control of well identified genetic aetiology from early childhood, rather than just in adulthood, opens doors to understanding how the structure of cognition emerges over time in genetically well constrained populations.

With my team and collaborators, I have investigated profiles of early attention difficulties in developmental disorders that are either genetically or functionally defined, as well as their trajectories and outcomes on behaviour and cognition. Understanding how distinct attention disorders affect cognitive processes has required a prospective longitudinal approach and experimental paradigms that can tap attention in young and less able children. This is by no



means simple, but increasingly feasible by combining experimental methods that assess looking (e.g., eye-tracking measures) with child-friendly cognitive neuroscience tools (e.g., electroencephalography, EEG, or magnetoencephalography, MEG). As well as assessing attention difficulties, we study optimal interactions of attention with memory and learning over typical development, from early childhood into adulthood. I have been very fortunate to gain depth in this work through fantastic postdoctoral researchers and doctoral students, while also building breadth from collaborations with colleagues in neuroscience, genetics and a longstanding partnership with national associations

supporting children with genetic disorders and their families. I am sure that it is thanks to these outstanding colleagues at all levels that my research was selected this year by the British Psychological Society for the Margaret Donaldson Prize, an award named after this highly influential developmental psychologist, for outstanding early career contributions to the field of developmental psychology.

The data emerging from the studies by my group and others operate at the interface between attention disorders and their cascading effects on cognition. They continue to generate novel questions. For example, how do attention deficits influence interactions with complex environments such as classrooms? Are attention deficits predetermined to follow their course, or instead malleable? I recently proposed to study how attentional control mediates outcomes across cognitive domains and in everyday situations and, in order to test the plasticity of attention difficulties and their effects on other cognitive processes, I proposed to contrast controlled training regimes that modify domain-general mechanisms like attention (training children in 'how to learn') with domain-specific

interventions (training them on 'what to learn'). Through a six year award by the James S McDonnell Foundation, these two complementary approaches will target core questions about mechanisms fostering the developing mind, because they will test the efficacy and specificity of attention training effects across cognitive domains, and the extent to which attention deficits associated with an identified genetic aetiology or high familial risk are amenable to environmental influences.

I am very excited by these prospects for the future! At least some of this enthusiasm has clearly filtered to the many brilliant undergraduate students with whom I have had the pleasure to discuss recent work in this area. I was therefore extremely proud of receiving one of the first 'Innovation in Teaching Awards' by the Oxford University Student Union - I was told that students taking my final year course particularly enjoyed my continuous requests to appraise, criticise and, quite openly 'pull apart' empirical studies and theoretical frameworks, especially mine. To be asked to continue to argue and think, by one's own students, is a real honour.

Obituaries 2012

KENNETH (KEN) MICHEL (1939, Physics) died on 31 December 2011, aged 92, leaving behind four children, four grandchildren, and three great-grandchildren. His wife Vera died in 1979. Ken was born in 1919 in Bath. He served in the Royal Navy, working on radar technology.

Ken later became headmaster of Caistor Grammar School in Lincolnshire. On one memorable occasion, when the school was threatened with closure, he led a protest march to Lincoln. He was known for his skill in building good staff relations, and many of his colleagues remained good friends. He was a champion of the school, modernising it through decisive leadership.

He was loyal member of Caistor Parish Church, serving as Treasurer and member of the Parochial Church Council. In addition, he gave his talents to the service of his diocese as voluntary secretary to its committee on the care of church buildings, acquiring a considerable knowledge of church buildings across Lincoln. He knew how to care for them, and make them useful for the modern age.

As an active member of his local community, Ken served on the Caistor branch of the Royal British Legion, organising – even in his last year – the annual poppy appeal; was secretary of the Caistor Old People's Welfare Committee; and a delivery driver for Meals on Wheels.

Ken's son, David, said his father was especially proud of his work for the diocese, saying, 'he really enjoyed it. It took him to some odd corners of the county, inspecting churches which needed serious care'.

The Michel Family

KEN HOPKINS (1946, English) was a Welsh Labour party stalwart, a former local education authority director, and a former Chair of the Labour Party in Wales. *The Independent* praised his determination in 'his decades spent hammering Welsh Nationalism in all its manifestations'.

He was brought up on a poor estate in Ely, on the south-west side of Cardiff, the son of a Congregational minister, and was later educated at the Boys' County Grammar School in Porth. Wartime service was spent a submariner after which he read English at Catz. On graduating, he became a teacher (and later Headmaster) at Ferndale Grammar School in Rhondaa, before becoming Director of Education. Twice secretary of the Rhondda Labour Party, and Chairman of Welsh Labour,

he was one of the architects of the party's devolution policy, though a fierce critic of political nationalism.

Coincidentally, his connection to College continued through interactions with two of its Masters. He was a member of the University of Cardiff's Appointment Committee which selected Sir Brian Smith (Master, 1988-93) as Vice-Chancellor in 1993, and was later a member of the Plant Commission on Electoral Reform, headed by Lord Plant (Master, 1994-2000).

He is survived by his widow, Margaret.

JOHN PERCIVAL MBE (1948, English)

was one of those fortunate individuals who discover at an early age exactly what they want to do in life and go on to do so. He wished to be a writer and after his first visit to



the ballet at the age of 16, he decided he wanted to write about dance, which he did with considerable distinction until just a few weeks before his death from heart failure at the age of 85.

For more than thirty years Percival served as dance critic of *The Times*; the first, as he proudly pointed out, to sign his name to his reviews when the paper dropped its tradition of anonymity. His capacity for watching dance was legendary, his tall figure a familiar sight; seven performances a week was nothing out of the ordinary. Virtually every cast change was covered, if press tickets were unavailable he went to the box office like any member of the public, and he traveled extensively, frequently at his own expense, to watch dance in Europe or the USA

John Percival was born on 16 March, 1927 in Walthamstow, East London, the older of the two sons of Cecil Percival, a railwayman, and his wife Phoebe. He attended Sir George Monoux grammar school where he proved an intelligent and hardworking pupil, eventually winning a place at Catz. His first visit to the ballet was an open-air performance by the then Sadler's Wells Ballet in Victoria Park, Hackney.

From then on he went to every dance performance he could, paying for his tickets through odd jobs, and frequently walking home to Walthamstow, even from as far away as Hammersmith. It was during this period that he met the future critic Clive Barnes (1948, English) who became a life-long friend. After two years' hospital service (he was a conscientious objector) Percival went up to

Oxford to read English, where both he and Barnes attended Catz. They were instrumental in reviving the Oxford Ballet Club and its magazine, *Arabesque*, which they sold in the street outside the Royal Opera House.

On graduating, he looked for a job, 'if only to pay for the ballet tickets'. He found a temporary opening with the London Ambulance Service, which led to an administrative career with the London County Council.

Meanwhile he and Barnes were writing about dance for any publication that would take their work. An early outlet was the magazine *Dance & Dancers* with which Percival was to be closely associated until financial pressures forced its closure in 1994. His first job as a newspaper critic was for a short lived publication called *The New Daily*, which he cheerfully described as a 'fascist rag'.

Barnes meanwhile had become the first specialist dance critic of *The Times* and when in 1965 he moved to New York, Percival was invited to replace him. At that time the arts occupied just one page, so space was at a premium and it was essential to write quickly (overnight reviewing was the norm), exactly to length and very concisely. When the late John Higgins became Arts Editor both space and coverage expanded.

As a critic, Percival was marked by his independence of thought which sometimes brought him into conflict with the dance establishment. He was always open to new ideas and anxious to communicate his enthusiasm to his readers. He was particularly interested in spotting and encouraging new talent among dancers, choreographers and writers.

In 1997 it was decided that after thirty-two years, *The Times* needed a new voice to cover dance and Percival stepped down, not without some reluctance on his part. He then began regular reviewing for *The Independent* which continued until 2003. Even after that he reviewed regularly for the on-line magazine, *DanceView Times*, also writing on dance for *The Stage*.

Confined to the house by illness from 2008 onwards, he continued to seek every opportunity to write, and contributed many obituaries for *The Times*. He was the author of a number of books on dance including biographies of Rudolph Nureyev and the choreographer John Cranko. His book about the Ballets Russes, *The World of Diaghilev* was described by the ballerina Lydia Sokolova as her 'favourite book about my old company'.

Percival was appointed MBE in 2002 for services to dance and also served as President of the Critics Circle (1984-88). He married twice, to Betty, and secondly, to the journalist Judith Cruickshank in 1971.

Judith Cruickshank

After spending his early years in Australia, PAUL REDGRAVE (1949, English) returned with his family to Yorkshire and to his schooldays in Bradford. On the outbreak of war in 1939, he volunteered for the Navy and spent his war service in DEMS (Defensively Equipped Merchant Navy Ships), years which gave him an extensive acquaintance with the United States and Canada.

After the war, he trained as a teacher and had a brief career in schools in Oxford and Devon until coming up to St Catherine's to take his degree. During these years, he maintained his keen interest in athletics, especially in weightlifting for which he won many awards.

A first novel, *Full Fathom Six* records his life in DEMS, and was followed by *The Master Herbalist*, a novel, and by *Self Defence for Women*. He maintained an active interest in journalism in many fields. He settled in Plymouth and played an active part in Plymouth Arts Centre for many years.

Olwen Redgrave

WILLIAM RHYS BRUNEL ROBINSON

(1949, History) was educated at Chepstow Secondary School where his father was the wartime Headmaster. After completing military service, he came up to St Catherine's Society. Although he played rugby at school, he avoided sport at Oxford, his participation in St Catherine's life being limited to personal friendships and membership of the Dean Kitchin Society.

On going down, he entered the then Administrative Class of the Civil Service, and was posted to the Ministry of Labour, later redesigned the Department of Employment. Prior to this retirement, he had risen to the level of Under-Secretary, and represented Britain at the International Labour Organisation in Geneva.

Rhys retained a lifelong interest in history, particularly that of Wales, and Monmouthshire in the Tudor period. He published at least one book, and contributed numerous articles and monographs to the journals of learned societies. He married late in life, and his wife predeceased him by some years; he died a few days before Christmas 2011 after several years of deteriorating health in a nursing home.

Don Barton (1948, Geography)

LORD MORRIS
OF MANCHESTER
(1950, History)
did more for the
disabled than
any other British
politician; his
campaigning
earned him
worldwide



appreciation, not least because he was the most genial and decent of men.

Born in Manchester in March 1928, Alfred Morris witnessed the pain of disability at first hand: his father, George, had been gassed in the trenches and died when Alf was six; his mother was crippled with arthritis. Leaving school at 14 for the offices of a brewery, Alf did National Service with the Army in Egypt, and then went to night school. He studied at Ruskin College while working as a garment workers' union organiser, won a scholarship to Catz, and then gained a postgraduate Certificate of Education at Manchester University.

After his 1964 election to represent the Manchester Wythenshawe constituency, Morris the legislator surfaced in 1969 with a Bill to outlaw ticket touting. But when he drew first place in the private members' ballot that autumn, he opted to help the chronic sick and

disabled. Compiled in 10 days, his 33-clause Bill required councils to register all disabled people; send them regular bulletins on available assistance; provide sheltered housing, home adaptations and recreational facilities; introduce the orange badge scheme; extend concessions on public transport; improve wheelchair access to public buildings and provide special lavatory facilities; and keep the young disabled out of geriatric wards.

The Bill passed the Commons unopposed, though the Department of Health was unenthusiastic and the Treasury forced the deletion of crucial clauses on mobility. The Lords acclaimed it after speeches from four wheelchair-bound peers, but their zeal to extend the Bill put it at risk as an election loomed and only the provision of government time got it through.

Its enactment earned Morris seats on the committees of many disability groups, and the Field Marshal Lord Harding award from disablement charities. Had Labour won in 1970, Morris would have joined the government. As it was, Wilson made him a social services spokesman with responsibility for the disabled; he would keep this job in opposition and in government for 22 years.

He harried Sir Keith Joseph to implement sections of his own Bill which had yet to take effect — notably the provision for registering the disabled — and blacklist recalcitrant councils; well into the 1980s, Morris recorded cases of foot-dragging.

When Labour regained power in March 1974, Wilson made Morris a Parliamentary Under-Secretary at the DHSS and Minister for the Disabled, with a brief covering twelve departments. In 1977 he unveiled Motability, a privately-financed car rental scheme for the disabled worked up by Lord Goodman and Jeffrey (later Lord) Sterling.

He heartened the disablement lobby by persuading Barbara Castle to bring in an invalidity pension, an invalid care allowance and the mobility allowance. He exempted the blind from NHS optical charges, and formed a watchdog Committee on Restrictions Against Disabled People. In the 1979 New Year's Honours, Callaghan made him a Privy Councillor — a rare honour for a junior minister.

In opposition Morris kept his portfolio. He stood apart from the warfare which afflicted Labour in the early 1980s, abstaining in the pivotal deputy leadership contest between Denis Healey and Tony Benn. After the Falklands conflict he accused ministers of 'covering up' the number of servicemen disabled on active service. He took up the cases of war widows on minimum pensions,

and cancer patients exposed to radiation at nuclear tests in the 1950s.

As a trusted senior backbencher, Morris chaired the Parliamentary Pensions Fund, the Commons Members' Fund and the Parliamentary and Scientific Committee. He retired from the Commons in 1997; up to the final weeks he could be seen at the head of mass lobbies, one for haemophiliacs who had contracted HIV through blood transfusions.

In the Lords with a life peerage, Morris led a series of revolts over the treatment of the disabled, teaming up with Lord (Jack) Ashley to oppose elements of Alistair Darling's 1999 Welfare Reform and Pensions Bill with a declaration that it 'piled handicap on handicap for many thousands of disabled people'.

Alf Morris married, in 1950, Irene Jones, with whom he had two sons and two daughters. Reproduced by kind permission of The Telegraph

Peter Jones (1953, English), drawing on events described in Alf Morris: People's Parliamentarian by Derek Kinrade (2007), adds: Alf did not immediate endear himself to College authorities. Long since politically active, less than two weeks into his first term he received an invitation to put himself forward for selection as the party

candidature in the Garston constituency in Liverpool, then a safe Conservative seat. Thinking it would be prudent to say nothing to the authorities at this early stage of his undergraduate life, he slipped away to Liverpool at midday on the selection day to return the following day, hoping that his absence would go unnoticed.

Unfortunately for him he was selected, it became front-page news in the *Oxford Mail* and he received the inevitable summons from Censor Brook, but when a General Election was called, Brook raised no objection to his absence for three weeks of the campaign. Failing to win the seat was a mix blessing since it would have been disastrous to his progress at Catz.

Alf had particular reasons to be grateful to his tutor, Wilfrid Knapp when, at the end of his first term, he learnt that he would have sit an examination in French, a subject he had never studied. Knapp coached him for two hours every day, including Saturdays and Sundays, and he duly passed with flying colours.

When reminiscing with me about our days at Catz, he said he looked back at them as very happy if challenging. Given his history, they were probably more challenging for him than for most.

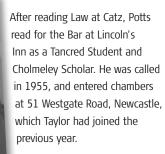
HONORARY FELLOW SIR HUMPHREY POTTS (1950,

Law) was a High Court judge from 1986 until 2001, when, in one of his last cases on the bench, he presided over the trial of Jeffrey Archer for perjury.

The case arose from the allegation that Lord Archer had forged two diaries to support a false alibi during his libel trial against the Daily Star newspaper in 1987, when he won £500,000 damages over the report that he had paid the prostitute Monica Coghlan for sex.

Potts, an admirably fair-minded yet nononsense northerner, conducted the perjury trial with impressive firmness and occasional flashes of humour. Archer was found guilty by the jury and sentenced to four years' imprisonment – exceeding many lawyers' predictions.

Francis Humphrey Potts was born in August 1931 and grew up in County Durham, where his father farmed on the Lambton estate. He attended the Royal Grammar School, Newcastle — which was evacuated to Penrith during the war — where his friends included Peter Taylor, the future Lord Chief Justice, and Geoffrey Bindman, the leading human rights solicitor.



Potts did a mixture of criminal and civil work, much of the latter involving either insurance claims or litigation against factories and the Coal Board. The Bar at Newcastle was then relatively small but enjoying a golden era and Potts was among a quintet known as 'The Lions of the North'.

Potts himself had a commanding presence as an advocate and was utterly fearless in his cross-examination. His capacity to sway a jury lay in good part in the fact that he was a transparently decent man, with a self-deprecating demeanour that was as endearing as it was genuine. He disliked pretension and long-windedness, and could never be accused of either.

After taking Silk in 1971, Potts followed Taylor down to London, and joined him at the set of chambers headed by George (later Lord Justice) Waller, QC, at 11 King's Bench Walk in the Temple. He became a Recorder the next year. Following his appointment as a Judge of the

High Court, Queen's Bench Division, he served as Presiding Judge on the North Eastern Circuit from 1988 to 1991.

In 1999, at the Old Bailey, Potts presided at the trial of the 78-year-old former British Rail ticket inspector Anthony Sawoniuk for the murder of Jews while working as a Nazi collaborator in his native Belarus in 1942.

Sawoniuk had fled Belarus at the end of the war and had lived incognito in Britain ever since. However, after an extraordinary investigation involving help from the KGB and witnesses from the Belarussian town where the atrocities took place, he was eventually traced to a house in Bermondsey.

It was the first and only trial in Britain under the War Crimes Act (1991), and involved a trip to Belarus for Potts, counsel and the jury. After being found guilty, Sawoniuk was sentenced by Potts to two life sentences, dying in prison in 2005.

Potts's other appointments included membership of the Mental Health Review Tribunal from 1984 until 1986, and the Criminal Injuries Compensation Board in 1985-1986. He was a member of the Parole Board from 1992 to 1995 and vice-chairman until 1996. He was the first chairman of the Special Immigration Appeals Commission from 1997 until 2001.

During the Archer trial, Potts was described by one newspaper as looking like "an angry, broad-faced farmer", yet beneath his occasionally intimidating exterior he was kind and considerate with a sunny, unstuffy disposition which brightened the atmosphere of courtrooms. Though in limited circles he was known as "Porridge Potts", he was not thought of as an especially heavy sentencer.

He married, in 1971, Philippa Margaret Campbell (née Croke). She survives him with their two sons and his two stepsons.

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REV JOHN NICHOLAS CHUBB (1951,

English) was born in 1933, and studied English at St Catherine's Society. He served as a parish priest and hospital chaplain.

Susan Chubb

PROFESSOR FRANK
CIOFFI (1952, PPP) died
on 1 January 2012 at the
age of 83; a remarkable
member of the generation
of philosophers educated
in Oxford in the early
1950s. In his later career,
he was known for the

fresh, original, combative precision of his essays and lectures, his half-century of critical engagement with Freud and his illuminating explorations of often neglected aspects of Wittgenstein's later works. In matters of the mind, he forged and followed his own pathways. The enormous range of his reading and conversation provided a wealth of accessible examples, often humorous or earthy, to anchor difficult philosophical points. His explorations of the character, scope and complexity of humane knowledge offer strength to those who seek to develop a philosophy of the humanities to supplement or rival the philosophy of science and expand our philosophical understanding of human knowledge.

As an undergraduate, Cioffi was struck that some Oxford philosophers, so careful in their analysis of philosophical doctrines, failed to extend their sceptical caution to the examination of the Freudian views that

gripped them. He was especially impatient with those he considered to be apologists for Freud. He held that they failed to ask crucial questions, for example, about Freud's transition from his early seduction theory to a theory of repressed childhood phantasies of parental abuse or about Freud's interpretation of many of his most famous cases.



Frank Cioffi's background differed from that of his privileged Oxford contemporaries. He was born in New York in 1928 to a poor Italian family. His mother perished in childbirth and his father died soon afterwards. He was raised by his grandparents as a son, but even after he learned his actual parentage he considered his revered uncle Lou to be his brother. After he dropped out of a terrible high school, he began his real education in the streets and clubs of wartime Manhattan, where he met writers such as lames Baldwin, and in the New York Public Library, where he immersed himself in all kinds of reading. He also enjoyed the delights of American popular culture: baseball, radio, films and pulp fiction. He served with the American army of occupation in Japan and with the war graves registration service in France, and while living in Paris he was encouraged by his friend Lionel Blue to apply to Oxford, where he studied first at Ruskin College and then at Catz, all financed by the GI Bill of Rights. He was tutored by Friedrich Waismann and Anthony Quinton and, for a term, by Iris Murdoch.

After two years of research in Social Psychology, he took up a Lectureship in Philosophy at the University of Singapore, where he met and married Nalini Nair. Through Nalini, he was brother-in-law to the Singapore trade union leader Devan Nair, who subsequently served as President of

Singapore, and later to the poet and lyricist Sydney Carter. When foreigners were forced to resign from the university, he left Singapore for a Senior Lectureship in Philosophy at the University of Kent, where he formed many lasting friendships, especially with the literary scholars Edward Greenwood and David Ellis, both of whom dedicated books to him. While at Kent, he paid stimulating academic visits to the Philosophy Department at University of California, Berkeley.

In 1973, Cioffi became the founding Professor of Philosophy at the University of Essex. His own contributions were ground-breaking courses in Philosophy of Psychopathology and Philosophy, Literature and Literary Criticism as well as first year lectures that persuaded many students initially aiming at other studies to pursue philosophy for their degrees. As unlikely as it was in that period, colleagues with radically different orientations talked and learned from one another. After two decades at Essex, Cioffi retired to a Research Professorship at Kent and returned with Nalini to their well-loved family home in Canterbury. Explanation in the Behavioural Sciences, (CUP, 1970), which he co-edited with Robert Borger, influenced the development of the Philosophy of Social Science. Many of his papers were collected in Wittgenstein on Freud and Frazer (CUP, 1998) and Freud and the Question of Pseudo-Science (Open

Court, 1998). At his death, he was working on a volume of new or previously uncollected papers. He is survived by his wife Nalini and his step-grandson Luke Schooling-Parker.

Frank Cioffi's tall, lean figure, his bearded face, his intense mind and brilliant conversation will be remembered at both Kent and Essex. For many colleagues and students he exemplified what it is to live the life of a philosopher.

Nicholas Bunnin

ALAN THOMAS EVANS TREHERNE (1953,

Theology) was born in Natyglo, South Wales on 18 June 1930. He attended Hafod Y Grammar School in Natyglo, studied for his BA at St David's Lampeter, and undertook his theological training at Catz. During holidays he supplemented his grant by working on the production line at Bulmer's Cider in Hereford. He and another student were made quality controllers who spent an hour on and an off measuring the cider for impurities. They had no expertise in the task but were appointed because they were the only two teetotalers – the rest of the Brynmawr crew always ended the day the worse for wear as there was no restriction on the sampling of the produce!

Alan did his National Service in Egypt and Libya where he worked as a radiographer. He ordained at Hereford Cathedral in September 1956 by the Bishop of Hereford. He became Curate at St Peter's, Hereford, where he settled with his new wife, Mary.

In 1957, they both set sail for Agra in India, where they were to serve as missionaries for the Church Missionary Society for the next fourteen years. Alan was Headmaster of St John's College and Vicar of the Church of St George's. Their son, Timothy, was born in Kashmir in 1959, followed by Andrew in 1964, and Peter in 1970, both of whom were born in Uttar Pradesh.

The family returned to the UK in 1971, where Alan became Vicar of Christchurch in Liverpool, before becoming Vicar and then Team Rector of St Stephen's, Gateacre, where he served until his retirement in 1996. Alan was made Canon of Liverpool Cathedral before moving to Oswestry where he was, for a short period, the acting Rural Dean.

Alan was very active right up to his death. His illness did not affect his faith in his redeemer, and throughout the last few weeks of his life he said he wanted to go home to his Lord and Saviour. He also said that he felt he had done all the Lord had wanted him to do in his life, and that he was content. He treasured his memories of the happy times he had spent in Liverpool and, latterly, in Oswstry.

Alan is survived by his sisters Betty and Nancy, and his brother Bryn, and by his wife, Mary, three sons and his five grandchildren.

The Treherne Family

He is survived by his second wife, Judy, three stepsons and the two sons of his first marriage.

Judy Meads

BRIAN BOOTH (1957, Modern Languages)

FCII died on 18 September 2012 aged 75. He won a scholarship from Ilford County High School in 1957 and read Modern Languages at St Catherine's College, attaining a BA Modern Languages and Linguistics.

He lived in London for most of his childhood apart from being evacuated to Oswaldtwistle in Lancashire for a brief period during the Second World War. His adult life was spent in Warwickshire and Solihull.

Brian was the Chairman of several companies, amongst them his property company and Brian was also an Independent Financial Adviser. He was thought of very highly by his clients, many of whom he looked after for over 40 years.

Brian and his second wife Judy often returned to Oxford attending the Union Debates, Eights Week and many alumni events.

He worked hard and played hard, his love of opera and F1 motorsport taking him all over the world, where his linguistic skills came in very handy.

REGINALD (REG) HILL (1957, English) died from a brain tumour on 12 January 2012 aged 75, at his home in Cumbria. He was one of Britain's most distinguished crime writers, winner of the Crime Writers Golden Dagger Award (1990), the Carter Diamond Dagger for lifetime achievement (1995), the Barry Award (an American crime and mystery writing prize) (1999) and the Macavity Award for short story writing (2000). Best known for his Dalziel and Pascoe novels which became a successful BBC television series, his last book, Woodcutter, published in 2010, was a standalone thriller and was also a best seller. His Dalziel and Pascoe novels ran to twenty volumes but he also wrote some thirty other books; historical, thriller and detective under pen names Patrick Ruell, Dick Moreland and Charles Underhill. His novels are packed with literary references, chapter headings in the form of quotations and obscure literary allusions, but are also notable for his humour and command of plot and character. Throughout his writing life he had one literary agent, Caradoc King, now Chairman and Joint Managing Director of AP Watt, and one publisher, HarperCollins.

The Guardian's obituarist writes that 'he could easily have been mistaken for an absent minded academic or a country parson'. This description will have surprised his friends from Catz days. Although he always had an ambition to be a writer, he concealed the fact utterly as an undergraduate; he was President of a notoriously rumbustious JCR, played lock forward in the Catz rugby side (where he packed down next to Malcolm Dalziel later CBE - whose name he mischievously appropriated for fat Andy Dalziel in the Dalziel and Pascoe novels) and was a leading light in the social life of the College. Perhaps his greatest feat was, with great verve, to relieve a Balliol boat of a bottle of whisky under Magdalen Bridge during the annual May Day celebration.

Reg's father had been a professional footballer for Hartlepool United but they moved to Cumbria when he was a boy and Reg was a product of Carlisle Grammar School. He never lost his love of Cumbria and he returned to live near Ravenglass as soon as he could afford to give up teaching at Doncaster College of Education and live off his writing alone. He was a keen and very active fell walker and the service of celebration of his life at the Church of St Michael's and All Angels at Muncaster was marked by the attendance of companions from his Friday walks, fellow crime writers, and friends from his Catz days. He is survived by his

wife Pat, a sweetheart from school days, who he married immediately on leaving Oxford.

Michael Shattock (1957, Modern History)

DR MICHAEL SHAW (1959, Engineering) was born in the City of London hospital on 12 July 1940, within the sound of Bow Bells and next door to



the Royal Mint. At the age of three months our mother took us to Wales to escape the Blitz. We lived in the School House in the village of Llanpumpsaint in the Schoolmasters' house. We were looked after by Mr. and Mrs. Johns, the Schoolmaster and his wife. Mrs. Johns would make a lint poultice vest soaked in goose fat to assuage our bronchitis and bad colds. Now my research shows what an interesting history the Schoolhouse has but that is another story.

We returned to our parents' flat in London in 1943. We both went to the nearby Montem Street Infant and Junior schools and Hebrew classes at Finsbury Park Synagogue where Michael had his Bar mitzvah. Following a move to Windsor Rd. Michael attended Grafton Road Junior School for a short time before taking the 11-plus exams and following me to Dame Alice Owen's school, then located at the Angel Islington.

Michael made several lifelong friends, joined the Chess Club, took up rowing, became a cadet in the Royal Artillery company and a prefect.

Going up to Oxford in 1959, Michael graduated with a BSc in Chemical Engineering in 1961. Whilst at Catz he became an enthusiastic member of the Rowing Club, taking on the responsibility of treasurer in 1961.

Following graduation, Michael worked on various projects including Concorde. He then joined the European Space Agency in Noordwijk, Holland. One of his experiments concerning the solar soft X-ray spectrum was flown on the Orbiting Solar Observatory 4 in 1967, and another, studying solar flare mechanisms and X –ray flares, was carried on the Esro II satellite, and led to his doctorate in astrophysics from UCL in 1972.

Via an MBA from Manchester University, Michael moved to the United States and became a business consultant in Washington DC, teaching a course of Concepts of Technical Management at Maryland University. Subsequently moving to California, he became an Adjunct Professor at the Haas School of Business, Berkeley.

A keen sportsman, Michael played squash and soccer, and coached his son's soccer team, whilst maintaining an interest in mediaeval philosophy and supporting Arsenal.

For the last few years, Michael had been suffering from the debilitating illness Progressive Supranuclear Palsy (for which there is not yet a cure). He died suddenly of pneumonia at the young age of 71.

Michael married Karen Hepps in Pittsburgh, Pennsylvania January 3rd 1970. In the USA, Michael is survived by his wife, Karen Hepps Shaw and their son Marc, and in the UK by his mother, Mrs Bessie Cohen, sister Bobbie, an aunt, nephew and niece and many cousins.

Anthony Kalp

DR JOHN HILTON (1960, Biochemistry), 70, of Parkton, Maryland, died August 24, 2012 at Johns Hopkins Bayview Hospital due to complications from heart disease and

diabetes. He is

survived by his wife of 44 years, Carol Marie (Monahan) Hilton; his six daughters, Laura, Sarah, Clara, Hannah, Victoria and Martha;

and was predeceased by his son, John. He is also survived by his sister Diana Myatt of Oxford, England, and his seven grandchildren.

Dr Hilton was born in Cheshire, England and received both his B.A. (1964) and DPhil (1967) in Biochemistry from Catz. He travelled to the United States in 1967 to do postdoctoral training and to work as an instructor in the Pharmacology Department of Yale University School of Medicine.

Dr Hilton met Carol while at Yale and married her on August 24, 1968. In 1970, after welcoming their first daughter, the Hiltons relocated to Charlbury, England so that he could return to Oxford to work as a Demonstrator in the Department of Biochemistry, and to serve as a Lecturer at St Hilda's College.

When the Hiltons returned to the United States in 1972, Dr Hilton took a post as Visiting Associate with the Baltimore Cancer Research Center at the National Cancer Institute in Baltimore. In 1977, now with four young daughters, Dr Hilton was promoted to Expert in the Division of Cancer Treatment at Baltimore.

In 1978, he joined the research faculty of the Johns Hopkins University School of Medicine as an Assistant Professor of Oncology. In 1986, now with six daughters, Dr Hilton was promoted to Associate Professor of Oncology. In 1998, Dr Hilton continued his work in the Oncology Center while transitioning to a research post in the Radiology Department of The Johns Hopkins University School of Medicine.

Dr Hilton worked tirelessly in Radiology until his retirement in 2011 for health reasons. For two decades, he battled heart disease and diabetes with incredible resolve. Throughout, he maintained a cheerful outlook even when faced with serious illnesses and repeated set-backs.

Dr Hilton was a longtime member of the choir of Our Lady of Grace Parish in Parkton, and managed the Hereford Music Program as a volunteer for many years. Dr Hilton's family, friends and colleagues will sorely miss his wisdom, insight and quick, dry wit.

Sarah Hilton

Former Bank of Zambia Governor **DAVID PHIRI (1960, Anthropology)**, a former

Rhodes Scholar and Fellow of the Rhodes

Foundation, died in January 2012, aged 74.

'David was a multi-talented person who demonstrated excellence in the many assignments he executed during his tour of duty. Therefore, his irreplaceable and distinguished services will be greatly missed.

David's career in both the public and private sector is a shining example that must inspire younger generations to work hard and maintain high levels of integrity and dedication to the service of humanity.

I remember David from his early days as a management trainee in the mining industry to the apex of his career as head of the Central Bank; he led by example as a committed employee with an impressive work ethic. This, he also demonstrated in the academia when he served as Chairman of the University of Zambia Council.

On behalf of the Zambian government and indeed on my own behalf, kindly accept our heartfelt condolences on this tragic loss.'

President Michael Sata President of Zambia

RACHEL BROWN, née McKay, (1983, Chemistry) died on 5th December 2012 aged 48 after losing a five-year battle with Breast Cancer.



Whilst at Oxford she won a half blue for gymnastics and was the College's Women's Captain of Boats for 1986-87. After Catz she joined Price Waterhouse where she qualified as a chartered accountant and was awarded Tenth in the Order of Merit for her result in the ACA professional exams.

Rachel met her future husband Jem (1983, Geography) whilst at Catz and they were married in 1991. Rachel and Jem have three children Max, Phoebe and Finn. Since 1996, Rachel worked part-time in the finance department at Warwick University; a job which gave her the intellectual challenge she thrived on but allowed her to balance work with her desire to devote time to bringing up her family.

Rachel's friendship and courage in facing cancer touched many people's lives and a congregation of over 300 attended her memorial service, including a number of friends from Catz. Two College friends, Katherine Tansley, née Pearce (1982,

Medicine) and Carolyn Bath, née Akers (1983, Chemistry), delivered moving tributes.

The family is raising money for three charities in memory of Rachel. Donations can be made via the following website:

http://uk.virginmoneygiving.com/In_memory_ of Rachel

Jem Brown (1983, Geography)

NOTIFICATIONS

Captain Kenneth Arthur Bowell (1934, Mathematics)

Mr Alexander Alexander (1940, Modern Languages)

Rev Paul Lawrie (1946, Theology) Mr Allen Aubrey Pope (1947, Modern Languages)

Mr Thomas Trevor Coulson (1948, Chemistry) Anthony John Froud (1948, Modern Languages) Rev Stephen Charles Davis (1948, Theology)

Mr Arthur Noel Ainley (1949, Geography)
Mr William Peter Hullah (1949, PPE)

Mr Jack Moulson (1949, PPE)

The Revd John Eric Ralphs (1949, Theology)

Mr Alan Rabin (1951, Law)

Father Lewis R Misselbrook (1951, PPE)

Mr David Tomes (1951, Physics)

Mr David Lawrence Charles Hunt (1952, English)

The Revd Joseph W Bell (1953, Theology)

Mr Michael Anthony Parker (1954, Geography)

Mr John Dwyer French (1955, Economics & Politics)

Rev Canon Alan Wait (1955, Geography)

Terry Price (1955, PPE)

Professor John Michael Palmer (1959, Biochemistry)

Canon John Waller (1959, Theology)

Dr John Campbell-Macdonald (1960,

Physiological Sciences)

Mr Richard George Butlin (1961, Agriculture & Forestry Science)

Mr Michael Moffatt (1966, Anthropology & Geography)

Mr Michael John David Scott (1970, PPE)
Mr Iain Sproat (2002, Engineering)

Admissions 2012

UNDERGRADUATES

Biological Sciences

Phoebe Corker-Marin - Christ's Hospital, Horsham

Augustus Jones - Eton College, Windsor

Scott Layzell - Southend High School for Girls, Essex

Alistair Leverett - Wanstead High School, London Poppy Simmonds - Oxford High School

Calum Suggett - King Edward VI School, Bury St Edmunds

Hannah Zainuddin - Bishop Veseys Grammar School, Sutton Coldfield

Biomedical Sciences

Lucia Almazan Sanchez - International College Spain

Rory Cox - Tonbridge School, Kent Joe Jones - Hampton School, Middlesex Alexander Moore - Eton College, Windsor

Chemistry

Thomas Anderson - North Halifax Grammar School, West

Nicole Evans - Cheltenham Ladies' College,

Gloucestershire Hannah Griffiths - Clitheroe Royal Grammar School,

Lancashire Michael Jones - Audenshaw School, Manchester

Sean Le Cornu - Victoria College, Jersey Christopher Mason - Alcester Grammar School, Warwickshire

Benjamin Saward - Reigate Grammar School, Surrey Tamara Shaw - Pate's Grammar School, Cheltenham Matthew Short - Bournemouth School, Dorset

Fern Woodhouse - Bexley Grammar School, Kent

Computer Science

Alexander Cheadle - Worcester Sixth Form College Kristian Kostadinov - 91st German Language High

School Sofia, Bulgaria

Manol Vitanov - Sofia Secondary School of Mathematics,

Bulgaria

Computer Science & Philosophy

David Furlong - Munich International School, Germany

Economics & Management

Jai Kapoor - St Paul's School, London Greg Zolotukhin - Brighton College

Engineering Science

Robert Bainbridge - Dulwich College, London

Nicholas Cooper - King Edward VII & Queen Mary School, Lytham St Annes

John Hendrick - Hwa Chong Junior College, Singapore

William Honey - Petroc, College Devon Awinnia Inusa - Dame Alice Owen's School, Hertfordshire

Alex Maxwell-Keys - Bishop Veseys Grammar School, Sutton Coldfield

Owen Morgan - Peter Symonds College, Winchester Nikul Vadgama - Oueen Elizabeth School, Barnet

Engineering, Economics & Management

Joe Phillips - Westcliff High School for Boys, Essex

English Language & Literature

Imelda Dooley Hunter - London Oratory School Wilkie Hollens - St Albans School, Hertfordshire Sophie Kirkham - Ysgol Bryn Elian, Colwyn Bay Francis Macpherson - Bedales School, Hampshire

Robin Muir - Eton College, Windsor Frederick Pegram - Highgate School, London Xinlan Rose - Westminster School, London

Harriet Smith Hughes - Dame Alice Owen's School, Hertfordshire

George Townsend - Magdalen College School, Oxford Anna Wakelin - Gresham's School, Norfolk

Experimental Psychology

Rebecca Appleton - Coventry Bablake School, West

George Cox - Westminster School, London Lucas Shelemy - Highgate School, London

Courtney Spoerer - Manshead Upper School, Bedfordshire

Louisa Siem - Queen's Gate School, London

Geography

Aya Abrahams - Malton School, North Yorkshire Michaela Belham - Royal Grammar School, Worcester Shani Brampton - Albany Senior High School, Australia

Amelia Davy - Magdalen College School, Oxford **Katherine Hickson** - Peter Symonds College, Winchester Christopher Ince - Royal Grammar School, Guildford

Holly Jackson - St Edward's School, Oxford Beth Morgan - Rainhill High School, Merseyside James Taylor - Merchant Taylors' School, Middlesex

Oliver Troen - St Paul's School, London

History

Kalila Bolton - Tiffin Girls' School, Kingston upon Thames

Philippa Goodfellow - Rugby School, Warwickshire Callum Kelly - Windsor School, Germany

Catherine Lillycrop - Wycombe Abbey School, High

Wycombe

Katie Power - King Edward VI Five Ways School,

Birmingham

Katie Reay - Beaconsfield High School, Buckinghamshire Lisa Staniforth - St Aidan's & St John Fisher Sixth Form,

Harrogate

History & Politics

Robert Blackwell - Rainham Mark Grammar School, Gillingham, Kent

Alexander Ryan - Simon Langton Grammar School for Boys'. Canterbury

History of Art

Beatrice Cooke - South Hampstead High School, London

Maria O'Hana - Westminster School, London

Maryanne Saunders - Angmering School, West Sussex

Human Sciences

Hamish Arnott - Cirencester College, Gloucestershie

Christopher Edwards - Warwick School Fleur Nash - Sevenoaks School. Kent

Kerem Osborne Dikerdem - Graveney School, London

Stephanie Austera - Brighton & Hove High School

Fraser Burlingham - Peter Symonds College, Winchester **Eleanor Diamond** - Dame Alice Owen's School, Hertfordshire

Martin Dickson - Royal Grammar School, Newcastle Marielena Doeding - Shape International German High

School, Belgium

Wai Leuk Lee - St Joseph's College, Hong Kong Gifty Okonkwo - Chelmsford County High School, Essex Samuel Taylor - Hymers College, Kingston upon Hull

Law with Law Studies in Europe

Marieta Saktorova - St Gilgen International School, Austria

Daniel Templeton - Holy Family High School, Liverpool

Materials Science

Yiyun Chen - Hurtwood House, Surrey **Ruiwen Li** - Sackville School, Kent

James Plummer - La Châtaigneraie International School of Geneva, Switzerland

Joseph Webb - Hurstpierpoint College, West Sussex

Mathematics

Jacob Armstrong - St Killian's College, Antrim Rahul Kulkarni - Amador Valley High School, USA Michael Liu - King Edward VI Camp Hill School for Boys, Birmingham

Melissa Oatham - Queen Mary's College, Basingstoke **Sumitra Ratilal** - Westminster School, London

Mathematics & Computer Science

Carol Mak - St Mary's School, Calne

Mathematics & Philosophy

Victoria Barrett - St Peter's School, York

Mathematics & Statistics

Jason Ng - Tonbridge School, Kent

Medical Sciences

Robert Burdon - Hampton School, Middlesex Louis Gardner - High Storrs School, Sheffield Hugh Johnson - Queen Elizabeth School, Cumbria Clare Smedley - Twyford Church of England High School, London

Michael Tai - George Heriot's School, Edinburgh **Luke Turner** - Winstanley College, Wigan

Modern Languages

Melita Cameron-Wood - Brighton College Niamh Furey - Thornhill College, Derry Leyla Omar - Guildford High School, Surrey Kate Robinson - Ripon Grammar School, North Yorkshire Emily Scorer - James Allen's Girls' School, London Sarah Shepherd - Holy Cross College, Bury Rosie Snowball - Godolphin & Latymer School, London Jessica Sutherland - Leeds Grammar School Gabriel Tiplady - Winchester College, Hampshire

Modern Languages & Linguistics

Mhairi Crinean - Stratford upon Avon Grammar School for

Girls, Warwickshire

Rebecca Meier - Eltham College, London

Molecular & Cellular Biochemistry

Joseph Bell - Stonyhurst College, Clitheroe

Joshua Biggs O'May - University College School, London

Tom Damant - Peter Symonds College, Winchester **Emily Mills** - Silverdale School, Sheffield

Music

Daniel Baboulene - Brighton Hove and Sussex Sixth Form College

Makoto Nakata - Latymer School, London Tomos Nicholls - Lewis School Pengam, Caerphilly Sophie Strudwick - Springwood High School, Kings Lynn

Oriental Studies

Grace Mayhew - Institut Saint-Lô, France

Philosophy & Modern Languages

Matthias Steiner - Theresian Academy, Austria

Philosophy, Politics & Economics

Kieran Ahern - King Edward VI Camp Hill School for Boys, Birmingham

Shan Jun Chang - King's College Auckland, New Zealand **Michael Fernando** - Kingston Grammar School, Surrey

William Key - St Paul's School, London **Luna Li** - Redland High School, Bristol

Pierre Loning - École Active Bilingue Jeannine Manuel, France

Miriam Mahmoud - Bunsen-Gymnasium Heidelberg, Germany

Hisham Zaman - Eton College, Windsor

Physics

Benjamin Baron - Notre Dame School, Sheffield **Alexander Brown** - Queen Elizabeth's School, Wimborne

Minster

Amelie Buxton - St Mary's School Ascot, Berkshire **Christian McCaffery** - St George's College, Weybridge Alexander Mol - Stichtse Vrije School Zeist, Netherlands Thomas Nicholas - Farmor's School, Gloucestershire Matthew Patterson - Lisburn Friends' School, Antrim Eden Trainor - Charters School, Berkshire

GRADUATES

Selee Ahn (BA John Hopkins University, USA), *Master of Studies in History of Art & Visual Culture*

Frederic Akiki (BA University College London), *Master of Science in Modern Chinese Studies*

Rafat Al-Akhali (BAIS SAIT Polytechnic, Canada; MBA HEC

Montreal, Canada), Master of Public Policy

Abdullahi Ali (BA Somali National University, Somalia; EMOD United States International University, Kenya), Certificate in Diplomatic Studies

Laurence Allen (BEng New South Wales Institute of Technology, Australia; MEngSc University of New South Wales, Australia; BA University of Sydney, Australia), *Master* of Philosophy in Modern British & European History

Aman Aman (BA, LLB National Law University Jodhpur, India), *Bachelor of Civil Law*

Festus Asaaga (BSc Kwame Nkrumah University of Science and Technology, Ghana), *Master of Science in Environmental Change & Management*

Andrey Ashikmin (BSc, MSc, PhD Moscow Institute of Physics and Technology, Russia), *Master of Science in Mathematical Finance* (part-time)

Jennifer Barrett (MA University of St Andrews), Master of Science in Refugee & Forced Migration Studies

Huw Belling (BMus Sydney Conservatorium of Music, Australia; MMus Royal College of Music), *Doctor of Philosophy in Music*

Cecilia Biaggi (Laurea University of Bologna, Italy; Laurea Specialistica University of Siena, Italy), *Doctor of Philosophy in History*

Joanne Bishop (BSc University of Manchester), Postgraduate Certificate in Education - Geography Julia Blanco Carol (University of Pompeu Fabra, Spain), Diploma in Legal Studies

Isaac Bleaman (BA Stanford University, USA), *Master of Studies in Yiddish Studies*

Eline Botger (BA, BSc University of Amsterdam, Netherlands), *Master of Science in Water Science, Policy & Management*

Hendrik Brackmann (BSc Ludwig Maximilian University Munich, Germany), *Master of Science in Mathematical & Computational Finance* **Neil Broadbent** (BA University of Nottingham), *Master of Science in Modern Chinese Studies*

Stephanie Bryson (BA California State University, USA), *Master of Philosophy in International Relations*

Leah Carden (BA St Catherine's), *Bachelor of Medicine & Bachelor of Surgery* *

Ana Castro (Lic, PGDip University of Chile, Chile; PGDip Universidad de Los Andes, Chile; PGDip Pontificia Universidad Catolica de Chile, Chile), *Master of Science in Evidence-Based Health Care (part-time)*

Chintan Chandrachud (LLB University of Mumbai, India; BCL St Catherine's), *Master of Philosophy in Law* *

Lin-Huey Chen (BSc National Taiwan University, Taiwan), *Master of Science in Experimental Therapeutics (part-time)* **Ruolong Chen** (MMath Hertford College, Oxford), *Doctor*

Ruolong Chen (MMath Hertford College, Oxford), Doctor of Philosophy in Mathematics

Peir Wei Chia (MEng Imperial College London), Master of

Public Policy

Melina Christou (BSc University College London), Master

of Science in Clinical Embryology

Michael Collins (BA, MA University of Notre Dame, USA; PhD University of Illinois at Chicago, USA), *Master of* Studies in Creative Writing (part-time)

Jessica Craske (BA Durham University), *Master of Studies in Women's Studies*

Matteo Cremonesi (Laurea, Laurea Magistrale Universita degli Studi di Roma Tor Vergata, Italy), *Doctor of Philosophy in Particle Physics*

Jacopo Crivellaro (LLB King's College London; JD Columbia University, USA), *Bachelor of Civil Law*

Agnes Davis (MA University of Edinburgh), *Master of Studies in Creative Writing (part-time)*

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Imogen Harris (BA University of Central England), *Master of Studies in Creative Writing (part-time)*

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Alexander Hetherington (MSci University of Bristol), Doctor of Philosophy in Interdisciplinary Bioscience Doctoral Training Partnership

Joshua Hill (MChem St Catherine's), *Doctor of Philosophy in Inorganic Chemistry* *

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Alun John (MA University of St Andrews), *Master of Science in Modern Chinese Studies*

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Kapodistrian University of Athens, Greece), Magister Juris Larisa Lara Guerrero (Lic Instituto Tecnologico y de Estudios Superiores de Monterrey, Mexico), Master of Science in Migration Studies

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Fergus McCorkell (BA St Catherine's), *Doctor of Philosophy in Zoology* *

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Max Mutter (BA Colby College, USA), *Master of Science in Biodiversity, Conservation & Management*

Tat Luat Nguyen (BEng, MEng Nanyang Technological University, Singapore), *Master of Business Administration* **Elizabeth Nye** (BA University of Notre Dame, USA; MA Cardinal Stritch University, USA), *Master of Science in Evidence-Based Social Intervention*

Laura O'Connor (BA St Hilda's College, Oxford), *Master of Studies in Creative Writing (part-time)*

Stephanie Oerum (BSc, MSc University of Copenhagen, Denmark), *Doctor of Philosophy in Musculoskeletal Sciences*

Samantha Osborne (BA Downing College, Cambridge), Master of Science in Criminology & Criminal Justice (Research Methods)

Onur Ozlu (BA Bilkent University, Turkey; MPP Harvard University, USA), *Master of Science in Sustainable Urban Development (part-time)*

Samuel Perrin (BA University of Salford), *Master of Business Administration*

Ana-Marija Petric (BA, MA University of Zagreb, Croatia), Master of Philosophy in General Linguistics & Comparative Philology Max Pitz (BSc Technical University Munich, Germany, Germany; MSc Merton College, Oxford), *Doctor of Philosophy in Mathematics*

Panayiota Ploutarchou (BSc, MSc Imperial College London), *Doctor of Philosophy in Obstetrics & Gynaecology* **Joanna Przewrocka** (BSc University of Edinburgh), *Master* of Science in Experimental Therapeutics (part-time)

David Railton (BA Somerville College, Oxford), *Master of Science in Comparative Social Policy*

Tyson Reid (BCom, LLB University of Adelaide, Australia), *Master of Science in Law and Finance*

Michael Rosenbloom (BSc Stanford University, USA), Master of Science in Social Science of the Internet Daniel Rowe (BA University of Sheffield), Master of Studies in US History

Naomi Ryan (LLB University College London; PGCE Canterbury Christ Church University), Bachelor of Civil Law Melissa Samarin (BA Whittier College, USA), Master of Science in Russian & East European Studies

Mariah Samost (BA Barnard College, USA; JD Vanderbilt University, USA), Master of Science in Law and Finance Ibon Santiago Gonzalez (Lic University of the Basque Country, Spain; MSc Massachusetts Institute of Technology, USA), Doctor of Philosophy in Condensed Matter Physics

Haiya Sarwar (BA University of Hawaii at Manoa, USA), Master of Studies in Creative Writing (part-time) Athina Siafarika (LLB, LLM National and Kapodistrian University of Athens, Greece), Magister Juris

Patrick Simpson (BA St Catherine's), *Bachelor of Medicine & Bachelor of Surgery* *

Gene Stevenson (BA California State University, USA; DDS University of Southern Calfornia, USA; MS, MPH University of Texas, USA), *Master of Science in Evidence-Based Health Care (part-time)*

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Yui Takishima (BA Soka University of America, USA), *Master of Science in Biodiversity, Conservation & Management*

Avi Tandon (BSc, LLB National Law University Jodhpur, India), *Bachelor of Civil Law*

Stephane Thao (Ecole Nationale Superieure d'Informatique pour l'Industrie et l'Entreprise), *Master of Science in Computer Science*

Jens Tholstrup (BA St Edmund Hall, Oxford), Master of Science in Economic & Social History

Lena Tietze (BA University of Passau, Germany), *Master of Science in Modern Chinese Studies*

Brandon Turner (BSc Wake Forest University, USA), *Master of Science in Radiation Biology*

Yang Wang (BSc University of Richmond, USA), *Master of Science in Financial Economics*

Nina Weaver (BPhil University of Pittsburgh, USA), *Master of Science in Refugee & Forced Migration Studies*

Timothy Whitehead (BBA East Tennessee State
University, USA), *Master of Science in Financial Economics*Liza Willow (BA Viijo University, Notherlands), *Master of*

Liza Wijker (BA Vrije University, Netherlands), *Master of Studies in English Language*

James Wilson (MB BS University of Newcastle; PhB Pontifical Gregorian University, Italy), *Doctor of Philosophy* in Radiobiology

Lilian Wong (BSc University of British Columbia, Canada; MD University of Western Ontario, Canada), *Master of Science in Surgical Science and Practice (part-time)* **Marshall Woodworth** (BA Washington and Lee University,

USA; MA American University of Beirut, Lebanon), *Doctor of Philosophy in Archaeological Science*

Hongyun Yon (BSc Korea Advanced Institute of Science and Technology, South Korea; MSc Seoul National University, South Korea), *Doctor of Philosophy in Mathematics*

Chenwei Zhang (BA Tufts University, USA)), *Master of Science in Financial Economics*

Admitted to the Fellowship

Professor Pekka Hämäläinen to a Professorial Fellowship in American History

Dr Andrew Eisenberg to a Junior Research Fellowship in Music

Dr Matthew Parrott to a Fellowship by Special Election in Philosophy

Dr George Southcombe to a Fellowship by Special Election in History

Ms Saira Uppal to a Fellowship by Special Election

^{*} indicates graduate of the College

Master and Fellows 2012

Pekka Hämäläinen, MA (MA, PhD Helsinki) Rhodes Professor of American History

C Jessica E Metcalf, BA (PhD Lond) Junior Research Fellow in Zoology

Benjamin A F Bollig (BA Nott, MA, PhD Lond) Tutor in Spanish

Eleanor P J Stride, MA (BEng, PhD Lond) Fellow by Special Election in Engineering Science

Andrew J Eisenberg (BMus New York, MA, MPhil, PhD Columbia) Junior Research Fellow in Music

Paul S Davies (MA Camb) Tutor in Law From 1 April 2013

Matthew T Parrott (BA Michigan, PhD California) Fellow by Special Election in Philosophy Mellon Postdoctoral Fellow in Philosophy of Psychiatry

George Southcombe, BA, MSt, DPhil Fellow by Special Election in History

Saira Uppal (BA Durh) Fellow by Special Election Head of Development

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DPhil, FRCP, FRS
The Rt Hon Sir Patrick
Nairne, GCB, MC, MA
Sir Cameron A
Mackintosh, Kt
Sir Michael F Atiyah,
OM, Kt, MA (PhD Camb),

FRS, FRSE John Birt, The Rt Hon Lord Birt of Liverpool, MA Tom Phillips, CBE, MA, RA, RE

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Peter Mandelson, The Rt Hon Lord Mandelson of Foy and Hartlepool, MA Sir John E Walker, Kt, MA, DPhil, FRS

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Camb), FBA
Raymond Plant, The
Rt Hon Lord Plant of
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FREng, FRS
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Lond, MA, LittD Camb, PhD Harvard) **Professor John O Bayley**, CBE, MA, FBA

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Perkins, CBE, MA (PhD

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John W Martin, MA, DPhil

(MA, PhD, ScD Camb)

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Sir Ian McKellen, Kt (BA Camb) Sir Alan Ayckbourn,

Kt, CBE **Michael V Codron**, CBE,

Sir Peter L Shaffer, Kt, CBE (BA Camb), FRSL

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CBE (BA Camb)

Thelma M B Holt, CBE

Dame Diana Rigg, DBE

Nicholas R Hytner (MA

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Professor Malcolm L H Green, MA (PhD Lond), FRS

Sir Timothy M B Rice, Kt Professor Terence V Jones, MA, DPhil Professor Gilliane C Sills, MA (PhD Lond) Patrick Marber, BA Phyllida Lloyd, BA Birm G Ceri K Peach, MA, DPhil G Bruce Henning, MA (BA Toronto, PhD Penn) Professor Jose F Harris, MA (PhD Camb), FBA Sir Patrick H Stewart, Kt, OBE Michael Frayn, CLit, BA Camb Professor John R Ockendon, MA, DPhil, FRS Revd Colin P Thompson, MA, DPhil Sir Trevor R Nunn, Kt, CBE

(BA Camb)

Manc)

Meera Syal, MBE (BA

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University Washington, T13
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M12

Dr Neil Fleming, University of Worcester, T13

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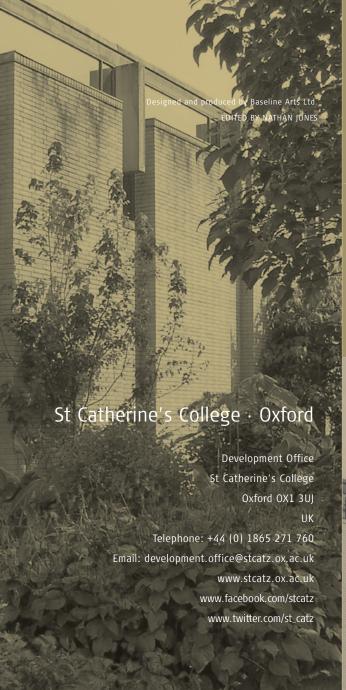
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M12-H13

Guy Beiner (BA Tel Aviv,

PhD NUI)





There are

student bedrooms in
College

We offer undergraduate and postgraduate courses

Our students can buy a pint of beer in the JCR for £1_67

We have over

undergraduate and postgraduate students

We have 11,241

