



ST CATHARINE'S COLLEGE  
CAMBRIDGE

# *Catharine* **WHEEL**

Summer 2011



The light fantastic



The history of the Island Site



From Himalayas to Cambridge

# Dates for your diary

*Thursday 9 June 2011: St Catharine's Luncheon Club.* At Citigate Dewe Rogerson by kind permission of Sally Marshak (1986). Please contact Hannah Baker ([hb305@cam.ac.uk](mailto:hb305@cam.ac.uk) or 01223 748164) for further details and if you wish to join the circulation list.

*Saturday 18 June 2011: Garden Party* for Benefactors, Woodlarkians and Members who matriculated before or in 1956.

*Saturday 18 June 2011: May Bumps Marquee on the banks of the River Cam.* Open to all Members and guests. Online booking available at [www.caths.cam.ac.uk/events](http://www.caths.cam.ac.uk/events)

*Saturday 18 June 2011: Midlands & Wessex Branches, visit to Chipping Campden.* Hosted by David Evans (1953). Please contact John Moverley ([john@dunmovin.co.uk](mailto:john@dunmovin.co.uk)).

*Saturday 9 July 2011: Northern Event, Yorkshire.* An afternoon tea at Stillingfleet Lodge, York, home of John Cook (1960). Open to all Members and guests. Online booking available at [www.caths.cam.ac.uk/events](http://www.caths.cam.ac.uk/events)

*Wednesday 7 - Sunday 11 September 2011: St Catharine's in America.* Receptions in Boston, New York and San Francisco. Please contact Katy Astley ([cvaj2@cam.ac.uk](mailto:cvaj2@cam.ac.uk) or 01223 338337) for further details.

*Saturday 17 September 2011: St Catharine's Members' Reunion Dinner.* We invite all St Catharine's Members who matriculated between 1975 and 1977 back to College for a Reunion Dinner.

*Saturday 24 September 2011: St Catharine's Society Annual Dinner and AGM.* Open to all Members and their guests. For more details and to book go to [www.caths.cam.ac.uk/events](http://www.caths.cam.ac.uk/events) or fill in the form at the back of this issue.

*Friday 23 - Sunday 25 September 2011: University Alumni Weekend.* Visit the University Alumni website ([www.alumni.cam.ac.uk](http://www.alumni.cam.ac.uk)) for more information.

*Saturday 8 October 2011: Wessex Branch, Escorted Tour of Tangmere Military Aviation Museum.* Please contact Clive Brunswick ([wessex@stcatharines.freeseve.co.uk](mailto:wessex@stcatharines.freeseve.co.uk)).

*Friday 21 October 2011: Catz +10.* Open to all Members who matriculated in 2001. An opportunity to return to College to dine at High Table alongside contemporaries and Fellows.

*Thursday 27 October 2011: London Branch, Savoy Dinner.* Please contact Heather Powell ([HPowell@Kingstonsmith.co.uk](mailto:HPowell@Kingstonsmith.co.uk)).

*Saturday 29 October 2011: Law Subject Dinner.* Open to all Members who studied Law.

*Saturday 12 November 2011: Rugby Dinner.* Open to all Members who played rugby.

*Thursday 8 December 2011: Varsity Rugby Match.* Tickets to the match and lunch and tea at Twickenham Stadium. Open to all Members and their guests.

**For more information on any of these events, please contact the Alumni & Development Office on 01223 748164.**

## Forthcoming Reunions

31 March 2012.....	(1968-71)
15 September 2012.....	(1987-89)
April 2013.....	(1972-74)
September 2013.....	(1990-92)
April 2014.....	(1954-59)
September 2014.....	(1993-95)

## St Catharine's College Guild 2011

The purpose of the Guild, originally founded by Professor Rich, the then Master, in 1969, is to encourage Members of the College, wherever they may be, to remember the College according to the tradition and spirituality of their faith, on or around 25 November (St Catharine's Day). All who do so this year are asked to inform the Master's Secretary by post or email ([masters.secretary@caths.cam.ac.uk](mailto:masters.secretary@caths.cam.ac.uk)), giving their personal details and indicating when and where they remembered the College.





Master's Lodge, St Catharine's College, Cambridge CB2 1RL

Some 30,000 ft up on the way back from an interesting and enjoyable visit with the Development Director to Members of the College in Hong Kong, Malaysia and Singapore, it's time to start writing something for the *Catharine Wheel*.

My thoughts keep turning back to our trip. Most enjoyable receptions and dinners for Cats Members were generously organised for us in Hong Kong by Les Hales and John Endicott (both 1964), in Kuala Lumpur by Datuk Stephen Wan Ullok (1961) and in Singapore (pictured) by Alex Ling (1965). There was no doubting the very warm feelings towards the College or the genuine interest in College news. Our Members – from 1960s to recent graduates – were pleased and, indeed, keen to hear that the College continues to do well academically, and also that music and sport were still strong and active. There were cheers from some at the news that Cats men had won the Hockey Cuppers tournament again and that the women would hope to do the same in their final to be played next term. (Unfortunately I wasn't aware then that in the Oxford/Cambridge Hockey Cuppers final, Cats beat Exeter College, 8-0!) Others were delighted that the College has supplied the new University Captain of Rugby (Matt Guinness-King, MPhil student). All were impressed by the fact that two of only three undergraduate members in the Blue Boat for the Boat Race were Cats men: George Nash (3rd yr, Engineering) and Dan Rix-Standing (2nd yr, Natural Sciences); and that we also had a first-year Natural Scientist (Josh Pendry) in Goldie.



There were enquiries about whether the College Centre – which had been mentioned as an aspiration in the College magazine – was to go ahead, so the news of the Governing Body's decision to proceed with the project this Summer, as soon as this year's crop of students has graduated, was timely. Although the purpose of our visit to the Far East was largely to renew and strengthen our links with Members, we also took the opportunity to raise awareness of the College's need for financial support (most immediately to raise the remaining third (£2.6 million) of the cost of the College Centre and to endow certain College teaching posts). They had all read about the increase in University fees (and many had just received the Vice-Chancellor's letter to alumni on this topic) and several asked whether students would struggle to afford them, so they were pleased to be reminded that the ongoing Annual Fund aims to raise money for student bursaries and student hardship funds, as well as for sport, music and various facilities. Indeed, many of our Members in South East Asia are, or have been, generous contributors.



Some St Catharine's Members at the dinner in Singapore.

Everywhere we went, we encountered huge warmth towards the College and tremendous enthusiasm for its future success. (As we prepare to land in Heathrow my thoughts turn now to tomorrow's Reunion Dinner (1960–63), where I know the same spirit will prevail!) So I felt the trip to the Far East – our third – was not only worthwhile and enjoyable, but also refreshing, encouraging and energising.

The following pages of this issue of the *Catharine Wheel* are filled with a miscellany of reports, so read on!

Jean Thomas, Master

# From the Development Director



**One of the greatest pleasures** has always been the opportunity to meet Members of the College. To this end, the Alumni and Development team organises a wide-ranging programme of events, bringing together old and new friends in a variety of settings.

In addition, my team is charged with helping to secure the financial future of St Catharine's – a college with a smaller-than-average endowment. Year on year, the cost of sustaining a distinctive supervision system, providing student bursaries and maintaining the College's buildings is increasing. Unfortunately, our annual government grant covers barely two thirds of the cost of an undergraduate education. In addition, we receive no financial assistance for the upkeep of our historic Grade 1 listed buildings.

In order to maintain our reputation as a centre of excellence, St Catharine's has turned to its Members. Since 2009 our Members and friends have given generously: to date we have raised over £14 million: £13.6 million towards the capital Campaign and £470,000 for the Annual Fund. On behalf of the College,

I extend my sincere thanks.

This sum, made up of gifts and legacy pledges, helps us fulfil the College's main goals: to continue our excellent teaching, provide more bursaries and help our students financially when the need arises, build the College endowment, support College sports, renovate the Chapel, Boathouse, and gym, and provide St Catharine's with a much-needed multi-purpose 'College Centre' in Chapel Court.

Our supporters play a vital role in securing the future of St Catharine's as a community of academic distinction. We are committed to enhancing the academic and personal endeavours of exceptionally able students, to being at the forefront of world-quality research, and to being an institution of which all its Members can be justly be proud.

Naturally, I understand that you may hold several important causes close to your heart, but I would urge you to consider making St Catharine's a priority. The College exists to educate the brightest young people of their generation and our graduates contribute immensely to the cultural and economic strength of our national and international life.

If you are passing through Cambridge, please do call into the Alumni and Development Office. We are located in A1 next to the Porters' Lodge. If you are further afield, feel free to contact us by telephone (01223 338337) or email at [development.director@caths.cam.ac.uk](mailto:development.director@caths.cam.ac.uk). As always, we will be more than happy to help.

*Deborah Loveluck*

## The Annual Fund

**This year's Annual Fund** was launched again with our Spring telephone campaign. Between 20 March and 3 April, twelve of our current students had an opportunity to talk to you, hear your memories of St Catharine's and witness your generosity in supporting our Annual Fund projects.

Annual Fund 2011 is focussing on three key areas:

- Student support through Entry Bursaries, Graduate Scholarships, hardship funds etc.
- Further boosting the fund which supports our sportsmen and women
- Various facilities (e.g. rare books storage and conservation, College archives, IT equipment etc.)

The telephone campaign finished just as this issue went to press and we are absolutely delighted to be able to report that you have helped us raise £167,000.

Thank you very much indeed!



# Donors to St Catharine's

**The Master and Fellows** are grateful for the generosity of those who have donated to St Catharine's since 1 January 2008, listed below, and many others who wish to remain anonymous.

**1932:** Mr F Thompson.

**1935:** Major SH Bullough.

**1936:** Mr DS Walker.

**1937:** Mr HJ Budd, Mr FM Schall.

**1938:** Mr JR Lloyd CBE.

**1939:** Dr C Armour, Mr HM Hughes, Mr SE Lovatt.

**1940:** Professor N Sheppard FRS, Mr FHP Williams.

**1941:** Mr EJ Peet.

**1942:** Mr ED Clements, Mr PD Hall CB, Mr GJ Heath, Mr MS Morris, Mr BS Stocker.

**1943:** Mr R Benstead, Mr JA Brookbank, Mr PR Hulme, Mr CC Matthewman, Professor JW Scott.

**1944:** Mr F Curnin, Mr P Garnham, Dr RM Laws, Mr CW Matthews, Mr RW Stanley, Mr JBM Wilshaw.

**1945:** Mr ML Bentley, Mr RE Browne, Mr DE Chamberlain, Mr MB Dodd, Mr GA Higham, Mr D Jaques, Mr BH Larkins, Mr JE Matthews, Mr D McLeish, Dr PE Wrist.

**1946:** Dr JB Longley, Mr J Metson, Professor HF Pribram, Professor DFB Roberts, Dr LR Shepherd, Professor PA Young.

**1947:** Mr PH Hoskings, Mr PJ Lee, Mr DHB Pirkis, Mr PBD Sutherland, Dr SG Sutton MBE.

**1948:** Mr JD Adshead, Mr PBH Bailey, Mr MC Bragdon, Mr WPC Davies, Mr JS Dodge, Mr WM Humbles, Mr DH Jones, Mr KLG Mills, Mr DJ Pratt, Mr JV Smith, Professor KW Taylor, Mr KJ Uffen.

**1949:** Dr JW Bennett, Mr EPT Crampton, Mr EWG Davies, Mr G Drake, Mr RF Mayes, Mr G Miller, Professor MH Millgate, Dr JA Norris, Mr BG Roberts, Mr J Symonds, The Revd JM Turner.

**1950:** Mr PJ Boizot MBE DL, Mr MR Brookbank, Professor RA Buchanan OBE, Mr RA Glynne-Jones, Mr AD Hewat, Commander DA Howard, Mr HW James, Mr VH Leadbetter, Dr R Levy, Mr DJ Statham, Mr G Stokell, Mr JB Sutherland, Mr WK Wilkinson, Dr MD Wood.

**1951:** Mr PH Bagnall, Mr IDS Beer, Major RA Curren-Briggs, Mr EB Dennison, Mr D Fullerton, Mr EW Hassell, Mr JB Heron, Dr GRN Jones, The Venerable KS Pound, Mr FE Rich, Mr JF Sweetman, The Revd Canon Dr AB Wilkinson.

**1952:** Mr PT Baker, Dr EP Brooks, Mr MF Clarke, Mr JA Collis-Smith, Mr RJ Cross, Mr K Davies, Mr RC Dolby, Dr DR Epps, Dr DH French, Mr FW Hartill, Mr RJ Hunter, Mr J Lepper, Mr TA Linley, Mr GW Markham, Mr RWD McKelvie, Mr ME Mitchell, Mr B Nickerson, Mr A Pialopoulos, Mr MJF Rabarts, Mr AL Reynold, The Revd CG Way.

**1953:** Mr CH Annis, Mr CWG Baird, Mr R Boot, Mr GD Branch, Mr CD Dawson, Mr WI Dickinson, Dr N Dobie, Mr DAW Evans, Mr DV Evans, Mr PS Grosse, Mr KC Humphrey, Mr JDO Long, Mr A Morley-Brown, The Revd Canon GA Parrott, The Revd Canon AC Phelps, Mr A Rothery, Mr PR Smethurst, Mr DC Thompson, Mr DR Tyler.

**1954:** Mr PR Allan, OBE, DL, Mr EG Allen, Dr JM Arrowsmith, Mr DG Arundale, Mr DA Bailey, Mr MVH Francis, Mr CW Johns, Dr CTM Le, Mr MJ Manuel, Professor RGL McCrone, Mr P McFarland, The Revd GJ Murray, Mr JH Mutch,

Professor DD Porter, Professor DM Potts, Mr TR Prifti, Mr JCW Riley, Dr RJ Robinson, Mr JND Scott, Mr RG Smartt, Mr MJ Sutton, Mr MA Tavener, The Revd Dr LR Wickham.

**1955:** Mr JGH Bates, Mr DA Beattie, Mr SD Bingham, Mr ARP Bird, Mr DG Blakeway Smith, Mr RJ Chapman, The Revd D Ching, Canon DE Creaser, Dr GM Eames, Mr M Grieve, Mr MA Heller, Mr WR Hodgkins, The Hon RW MacLaren, Mr MJL McCarthy, Professor JR Mulryne, The Revd SM Munns, Mr AR Porteous, Mr GB Pullan, Mr DR Rees, Mr EI Roberts, Dr A Scarth, His Honour Judge JS Sennitt, Dr JJ Shenkman, Mr MG Taylor, Mr JP Walters, The Revd Canon PC Woodward, Mr AEJ Yelland.

**1956:** Mr RA Bailey, Mr NJ Barwell, Dr GS Beavers, Mr DA Berry, Mr GA Catchpole, Mr JF Clifford, Mr RB Cubey, Sir Timothy Daunt, Mr IS Davies, Mr GCM Dunbar, Mr DA Duncan, The Revd FC Henderson, Mr PJ Hustwit, Mr T Hutchinson, Mr WA Jenkyn-Jones, The Revd DM Johnson, His Honour Dr CF Kolbert, Mr DJ Lambourne, Mr FJP Madden, The Revd AJ Minchin, Mr Ray Mingay, CMG, The Rt Hon Sir Geoffrey Pattie, Mr RO Plowright, Dr PM Scott, The Revd Canon HD Searle, Mr J Senior, The Revd Prebendary RF Swan,

## Hospitality

For business or pleasure, you may wish to make use of the College facilities. To enquire about function rooms and catering please contact the Catering & Conference Manager at 01223 338381 or conference.manager@caths.cam.ac.uk.

Mr GPC Thompson,  
Mr RH Thompson, Mr DL Turnidge,  
Mr JG Walker, Mr WFA Warham,  
His Honour Judge Wilson.

**1957:** Mr AL Bain, Professor DA Baugh,  
Mr RR Bowman, Mr PK Brimacombe,  
Professor Sir Cyril Chantler, Mr DJ Cooper,  
Mr ME Dodds, Mr AH Edye, Mr TJ Ferreira,  
Dr JA Hockey, Mr PB Holden, Mr JG Hursey,  
Mr PJP Ivory, Mr WG Jeacock,  
Mr JRS Mash, The Rt Hon the Lord Naseby,  
Mr WC Pike, Mr K Sanderson, Mr RE Smith,  
Mr WR Stead, Mr NR Waite.

**1958:** Mr KPQ Appleton, Mr RW Arthur,  
Mr JE Blount, Mr DR Brown, Mr B Calvert,  
Mr RA Champion, Professor DLC Cheung,  
Mr ML Cornelius, Dr CJ Edgcombe,  
Mr MW Evans, Mr RA Gardener,  
Mr AW Georgi, The Revd Dr I Goodfellow,  
Mr D Haine, Mr JI Harvey, Mr DJ Hillyard,  
Mr M Laurie, Mr EA Mairs,  
Dr CD May, Captain DA McVean,  
Professor PW Nathanielsz, Mr DA Parkes,  
Mr B Riley, Mr DE Sayburn,  
Dr JC Thompson, Mr AJ Thompson,  
Professor SFH Threlkeld, Mr JB Turner,  
Mr TJS Waterstone, Professor MJ Welch,  
Mr IF Young.

**1959:** Mr SD Allison, Mr DJH Anable,  
Mr RE Bason, Mr RC Beaumont,  
Dr WAM Black, Mr RH Brearley,  
Mr CR Brown, Mr IEM Buttress,  
Mr PJ Combes, Mr D Conolly-Smith,  
Dr JH Crothers, The Revd Canon D Curwen,  
Mr N Curwen, Mr PB Doherty,  
Mr MHD Folland, Mr AE Giles,  
Professor CFW Higham, Mr PC Johnson,  
Mr PJB Le Brocq, Dr DG Liddle,  
Dr RDA Lipman, Mr J Mark,  
Mr JGR Percival, Dr KM Petyt, Mr DJ Porter,  
Mr MR Robinson, Mr JA Saunders,  
Mr WM Sillery, Mr JD Spencely CBE,  
Mr JB Sugden, Mr M Sutherland,  
The Revd GW Tooth, Mr DE Utley,  
Mr HR Walduck.

**1960:** Professor H Auster,  
Mr CV Betts CB FEng,  
Mr ES Bolton, Mr J Bowie,  
The Right Revd The Abbot RTW Fryxell,  
Mr DS Hammond, Mr MJ Hawkes,  
Mr FSM Hodsoll, Dr CHB Honeyborne,  
Mr JP Jewitt, Mr C Knowles, Dr JS Lown,  
Mr H Schickler, Mr JC Tudor, Dr LK Walford,  
Professor AG Watts, Dr GD Weston,  
Mr JK Wigzell, Mr MA Wilson.

**1961:** Mr DJ Abson, Mr RAR Arthur,  
Mr C Bett, Mr JH Birkett, Mr JC Brind,  
Mr DM Child, The Revd ID Corbett,  
Dr DR Davies, Dr AP Dawson,  
Mr AJ Engel, Dr AJ Gillham,  
Mr GJ Gregg, Mr DG Halliwell,  
Professor HM Bedelian OBE,  
Dr MJE Hewlins, Mr RJ Hollick,  
Mr DL Hugh-Jones, Mr JA Ingman,  
Mr NO Jewers, Dr JR Shakeshaft,



Mr PW Jones, Mr J Langford,  
Mr TG Lawson, Mr JJ Littman,  
Mr CHR Meyer, Mr CM Napper,  
Dr NS Neidell, Mr MJ Offer,  
His Honour Judge Alan Pardoe QC,  
Professor EA Parker, Mr DTN Payne,  
Dr JG Pickering, Dr DK Potter,  
Mr WM Redpath, Mr D Smith,  
Mr RJ Strickland, Mr AJ Trail, Mr D Wain,  
Mr BB Woodham, Mr CGJ Wormald.

**1962:** Mr NR Arden, Mr JA Bonsall,  
Mr AH Boyle, Mr NP Butt,  
Mr D Carter, Mr GO Chapman,  
Mr JC Cochrane OBE, Mr TH Dale,  
Dr JFB Dossetor, Father JM Evans,  
Mr MC Field, Mr AJ Guest, Dr R Harris,  
Mr NJ Hartley, Mr ACJ Hawker,  
Mr AM Jenkinson, Dr AD Knighton,  
Mr JB Lewis, Mr BR Mason, Mr RC Morris,  
Mr MH Onley, Mr C Pearson,  
Mr CG Powell, Mr JW Price, Mr RJB Pringle,  
Mr BI Robertson, Mr CJ Rose, Mr CD Shires,  
Dr DJ Spooner, Mr PCC Stephenson,  
Mr GB Thomas, Mr PA Ward.

**1963:** Mr R Ashby-Johnson, Mr HW Bate,  
Professor G Benton, Mr AR Birks,  
The Revd WFM Collins, Mr DA Cudd,  
Mr KJ Darvill, Mr JW Davies,

The Revd DJ Ditch, Mr MA Easterman,  
Mr JA Epstein, Mr JR Fish, Mr DC French,  
Professor DR Garrod, Mr RF Grieve,  
Mr O Hinton, Dr AJ Holsman,  
Professor SJ Mennell, Mr JH Morgan,  
Mr JS Munch, Mr GR Norman,  
Mr CB Palmer, Mr MR Pye, Mr DJF Roberts,  
Dr BNC Sweeney, Mr RJ Tarling,  
Mr GE Tedbury, Mr DC Walker.

**1964:** Mr DJ Askin, Mr RF Bird,  
Sir Brian Briscoe, Mr JD Cantrell,  
Mr DH Cobb, Mr RV Coombes, Mr SH Cox,  
Mr AP Dawkins, Dr MT Evans CBE JP,  
Mr LC Hales, Revd CG Hall, Mr DS Harris,  
Dr HP Henderson, Professor WA Kent,  
Mr RN Kent, Mr RA Lawson, Mr JD Leech,  
Mr RD Lewis, The Revd DM Reeve,  
Mr AW Stokes, Dr DC Tidy,  
Dr JR Tomlinson, Mr ML Wakeling,  
Mr PF Whatling, Mr ASV Williams,  
Mr KD Williamson, Mr CR Wright.

**1965:** Mr R Alderson, Mr RE Barker,  
Mr JA Caesar, Professor TS Cham,  
Mr CJ Clegg, Mr M Feeney, Mr JR Footitt,  
Dr DCA Funnell, Dr MA Graham,  
Dr JDG Groom, Mr CA Haynes,  
Mr SR Jackson, Mr JM Joshua,  
Dr RA Kirkby, Mr PL Knight,

The Revd Canon AWA Knowles,  
Mr RLJ Ling, Mr IR Maggs, Mr JM Mason,  
Mr NS Parker, Mr AJ Partridge,  
Mr JC Prescott, Mr JM Pritchard,  
Mr M Sharpe, Mr ECD Sixsmith,  
Mr PA Sorensen, Mr MA Watson.

**1966:** Mr DB Adams,  
Professor PJ Barnes, Mr RR Capewell,  
Mr MA Church, Mr RW Egerton,  
Mr CJ Galleymore, Mr A Gilbert,  
Mr RL Harman, Mr CR Hartwell,  
Mr WR Harwood, Mr AV Hird,  
Mr MH Hudson, Mr DH Hymers,  
Mr SAG Janisch, Dr GG Kavanagh,  
Mr JCH Lethbridge, Mr JA Lorrinan,  
The Hon Mr Justice Openshaw,  
Mr BA O'Sullivan, Mr J Paget,  
Mr DW Peace, Mr PJ Rhodes,  
Dr BG Thompson, Mr MJC Watts.

**1967:** Mr PF Barker, Mr RGP Bonny,  
Mr BL Brinkman, Mr DJM Chapman,  
Mr AL Craft, Mr GM Davies,  
Mr SNJ Davies, Mr K Dixon,  
Mr D Donaldson, Mr AN Grierson Rickford,  
Dr PD Hedges, Mr MJ Heatt,  
Mr NP Hinton, Mr GCF Ingham,  
Mr AR Jones, Mr RP Joseph,  
Dr RC Kingcombe, Dr DM Macgregor,  
Dr CR Pick, Mr AG Saunders,  
Mr JA Scadding, Mr HLR Shields,  
Mr JD Smallbone, Mr RM Snelus,  
His Honour Judge Winstanley,  
Dr DFA Wright.

**1968:** Mr KC Ball, Dr LD Culliford,  
Mr RD de Coverly, Mr JN Fillingham,  
Mr CW Heath, Mr GH Knight,  
Mr RT Mascal, Mr AN Maw,  
Mr DR Moores, Mr RA Overin, Dr DJ Scott,  
Mr MD Shiel, Mr DF Starr, Mr GH Wall,  
Mr MCB Ward, Mr CR Webbley,  
Mr WI Weir, Professor CK Wildenthal.

**1969:** Professor Sir Alan Battersby,  
Dr JM Bellerby, Mr IR Fallon, Mr GS Green,  
The Rt Hon the Lord Meston,  
Mr J Molyneux, Mr RKW Palmer,  
Mr DR Probert, Dr T Riordan,  
Mr M Robinson, Mr DJ Standfast,  
Dr HS Swain, Mr MA Town,  
Mr JW Yellowlees.

**1970:** Mr TH Andrew, Professor MJ Boddy,  
Mr RA Brown, Mr DF Charlton,  
Professor Sir Christopher Bayly,  
Mr RJS Clarke, Lieutenant General  
Andrew Figgures CB CBE, Dr MJH Fox,  
Mr GN Graveson, Mr CE Gruchy,  
Mr CPW Harding, Mr NF Haynes,  
Mr LB Hillman, Mr JR Jones, Dr JC Moore-  
Gillon, Mr SLA Orton, Mr WD Rogers,  
Mr MD Thompson, Dr TJ Thornton,  
Mr BRD White, Mr SWB Whitworth,  
Mr NJ Withers, Mr PL Wright.

**1971:** Mr GJ Bennett, Mr D Blausten,  
Dr RT Bridges, Mr JE Church,  
Mr JG Connell, Mr AT Hedworth QC,  
Mr TC Hughes, Mr SB Hulse,  
Dr JA Thompson, Mr DA Jones,  
Mr SR Keelty, Mr M Kilroy, Mr JM Lemon,  
Mr HC Lemon, Dr WA Lindsay,  
Mr RW Lowe, Dr PW Lunt,  
His Honour Judge Patrick McCahill QC,  
Mr HA McGrath, Mr TR Meek,  
Mr RC Ogden, Mr NR Paddon,  
Mr AA Penson, Mr RJ White.

**1972:** Mr SC Appleton, Mr CM Dealtry,  
Mr RJ Dowsett, Mr AB Foyne,  
Mr A Gamble, Mr WJ Gill,  
Professor NJD Graham, Mr NG Higham,  
Mr F Huen, Mr WM Knocker, Dr CL Koullis,  
Professor D Lieberman, Mr GC Lowton,  
Mr PDL Marwood, Mr PW Mayhew-  
Archer, Mr JN Robinson, Mr SR Scott,  
Mr PG Stevens, Mr DC Wagstaff,  
Mr NMH Williams.

**1973:** Mr RW Barnett, Mr GG Beringer QC,  
Mr ND Cavell, Mr RP Curtis,  
Dr DR Jones, Mr BJ Duffin, Sir JDK Grant,  
Mr SAD Hall MBE, Mr JA Holt, Dr NK Ives,  
Mr CHO Jay, Mr EJ Lazda, Mr TR Mainland,  
Dr JS Platt, Mr SV Pocock, Mr PG Sedgwick,  
Mr MRA Smith, Mr HJ Webb,  
Mr RK Whitworth.

**1974:** Mr JM Archer, Mr DHE Attwater,  
Mr NJM Bell, Mr PM Darby,  
Mr PA Dawson, Mr CH Flajsner,  
Mr JA Gowans, Mr AB Haller,  
Mr PC Hallworth, Mr JR Hartley,  
Mr AC James, Mr RH Kemp, Mr ME Moran,  
Dr DE Morris, Mr JM Mouldsdale,  
Mr FA Penson, Dr RJ Purser, Mr DJ Searle,  
Mr MR Smith, Mr AJ Stormonth Darling,  
Mr NA Thompson, Mr DW Unsworth,  
Mr PL York.

**1975:** Professor CB Bunker,  
Mr CPA Catling, Mr MJ Cliffe,  
Mr SJ Condie, Mr AO Dart, Mr N Deacon,  
Mr ME Dixon, Mr DJ Gregson,  
Mr ND Hobbs, Mr TM Horner QC,  
Mr BR Jones, Dr AL Mann, Mr TA Moore,  
Mr PWG Parker, Mr DK Pirkis,  
Mr JW Scott, Mr CJ Sims, Mr AC Stoker,  
Mr NAD Thomas, Mr CR Watts,  
Mr FN Whiteley, Mr PH Wolton.

**1976:** Mr MVJ Arnold, Dr AC Briggs,  
Mr JB Broughton, Dr NJ Campbell,  
Mr ARE Clifford, Mr MA Ellison,  
Mr BJ Feehan, Mr NAM Gray,  
Mr ENR Hosker, Mr NB le Roux,  
Mr PC Lindsay, Mr JP Matthews,  
Dr JG Mellor, Mr CRM Norton,  
Mr RM Samuel, Dr GM Sharp,  
Mr IM Smith, Mr PD Smith,  
Mr W Stephenson, Mr AS Taylor,  
Mr JM Trundle, Dr JK Wells,  
The Revd SFC Williams.

**1977:** Mr MJ Billington, Mr AR Binnington,  
Mr HH Bohling, Mr GJ Burr, Mr SD Butlin,  
Mr JC Cook, Mr NJ Cox, Mr NB Denison,  
Mr DJ Evans, Mr FJ Firth, Lt Cdr SJ Foale,  
Mr AC Foley, Mr TSC Harris,  
Mr CJ Helliwell, Mr MV Herbert,  
Mr D Lane, Mr FC London,  
Mr RB Macaulay, Mr PJ Matthams,  
Dr ML Meaton, Mr AJ Murley,  
Dr WM Owton, Mr DOM Parsons,  
Mr J Phillips, Mr NJ Pinkney,  
Canon Edward Probert, Mr DC Quarton,  
Mr CP Randle, Mr MD Scott, Mr FJ Tittley,  
Mr JPS Toy, Mr TP Vennell, Mr RH Willans,  
Mr IAP Wright, Mr M Young.

**1978:** Mr NM Batchelor, Mr NJF Brown,  
Mr SJ Bryant, Mr MC Buffery, Mr SN Carr,  
Mr DF Chalcraft, Mr PS Chalmers,  
Mr GP Denison, Dr EK Dorman,  
Mr CB Farquharson, Mr IF Filby,  
Mr DW Flatt, Mr PW French, Mr D Gordon,  
Mr S Habashi, Mr SC Haswell,  
Dr PRA Hinde, Mr RA Hines, Mr SE Hubble,  
Mr RJA Huxter, Mr NE O'Bryan-Tear,  
Mr NM Ostrer, The Revd GL Pringle,  
Mr NPL Read, Mr JS Reese,  
Mr JM Stanford, Mr MK Suddaby,  
Mr HAC Tidbury, Mr JR Tomlinson,  
Mr TJD Travers, Mr MJ Whewell.

**1979:** Mr M Amos, Mrs ED Appleton,  
Mr MH Collins, Ms JW Conder,  
Mr SDA Friend, Dr HL Gaskin, Mr N Gill,  
Mr DW Harding, Mr PNL Harvey,  
Mrs J Heugh, Mr MK Hoskin,  
Dr MF Hunter, Mr DG Jones,  
Mr CMV Jones, Mr RC King,  
Mr DMP Lamont, Mr MJ Langham,  
Mr AC Locke, Mr AJ McMillan,  
Dr TR Morris, Mr WJ Prowse, Dr PA Rapley,  
Miss S Richards, Miss RM Rowe,  
Mr JH Taylor, Mr JWE Tilley, Dr G Uden.

**1980:** Mr D Balderstone, Mr JS Beckwith,  
Mr AM Briski, Mr GJ Bull,  
Dr SC Chakraverty, Mr SJ Cook,  
Mrs DC Cox, Mr PH Dorey, Mr C Efford,  
Mrs RA Fairhead, Mr TBN Farazmand,  
Mrs EAE Goodman, Dr FG Green,  
Mr CT Heatley, Mr MJ Humphries,  
Mr CN Jackson, The Revd NLE Kern,  
Mr TC Knight, Mr G Kramer,  
Mr MG Latham, Mr H Nagata,  
Mr AR Purvis, Ms PFT Renney,  
Mr CEJ Smith, Mr PA Thompson,  
Mr NA Trend, Mrs CS Wilson,  
Mr DA Wood.

**1981:** Mrs SA Akers, Ms AMC Avis MBE,  
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Mrs KA Bolton, Mr AJ Bryce, Prof SJ Bull,  
Mr PA Bunzl, Mrs HM Cowper,  
Mrs CE Forbes-Nixon, Dr AJ Hill-  
Smith, Mr M Jacobs, Mr JD Kinsella,  
Mr SJP Lewis, Mr AP Marshall,  
Mr AS Martin, Miss JM Page, Mr NR Park,

Miss KS Rensten, Ms RK Ross,  
Mrs AM Sharkey, Dr SAV Springer,  
Dr CJ Thompson, Dr T Twardowski,  
Mr SG Whitehead, Miss SSM Yiu.

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Mrs TV Chudley, Dr SA Cowley,  
Mr DCF Dromgoole, Ms MA Farquharson,  
Mrs JC Fuller, Dr SJN Gardner,  
Mrs JMS Harris, Mr DM Kohn, Mr RC Last,  
Mrs FA Mahon, Mr BR Milton,  
Dr MCL Pitcher, Mr MD Richer,  
Mr DA Senior, Mrs JR Stewart Pendlington,  
Mrs AM Thiselton, Mrs LM Tomlinson,  
Captain RMB Wilson.

**1983:** Dr CJ Ardron, Mr J Ardron,  
Professor DR Armitage, Dr DR Black,  
Mr RS Bostock, Mrs SE Brown,  
Mr AC Burdett, Dr KJ Carruthers,  
Mrs AD Deane, Mr JS Dodwell, Mr DJ Fell,  
Mrs KA Gould, Mr MWS Handley,  
Dr DH Hatton, Mr EP King,  
Mr MR Lowdon, Mr DJ Magrath,  
Dr J McKenna, Dr SLW McWhinnie,  
Mr A Midha, Mr DSJ Miles,  
Dr K Roussopoulos, Mrs JF Spence,  
Professor SM Springman OBE,  
Mr SJ Trevanion, Mrs DSL Yong-D'Herve.

**1984:** Mr RG Anderton, Mrs EA Baines,  
Mrs CR Berry, Mr PN Brackin,  
Mr P Brummell, Mr JJ Davitt,  
Mrs SJ Derwent, Mr JJ Dick, Mrs D Giles,  
Ms LR Greenwood MP, Mr GR Hibbard,  
Ms JE London, Mr NPB MacDougall,  
Mr RT Manaton, Mrs SFJ McAlister,  
Dr JK Nelson, Ms Elaine Neo,  
1984, Mr RS Nichols, Mr GP Revill,  
Mr FC Sanderson, Mr G Sargen,  
Mr JG Shirlaw, Mr NJ Teunon, Dr CB Ward,  
Mr RP Whitwell, Ms SJ Wylie.

**1985:** Mr IC Bennett, Mr TWH Chance,  
Mr AW Claringbold, Ms HR Cooke,  
Professor TWN Haine, Mr AJ Mason,  
Mr RA McBride, Mr BE Miller,  
Mr MW Muller, Mrs KR O'Reilly,  
Mrs ECL Roberts, Dr AFM Stone,  
Mrs ML Sutton, Mr PJ Sutton,  
Mr JG Wallace.

**1986:** Mr REK Everett, Mr SL Glass,  
Mr S Gray, Mr CJ Gray, Mr AR Heller,  
Dr RK Henderson, Mrs SL Hunt,  
Mrs CJW Knighton, Mrs SE Marshak,  
Dr CR Smith, Mr AR Thompson.

**1987:** Ms JC Chambers, Mrs HL Cliff,  
Mrs SJH Connolly, Mr SG Cook,  
Mrs KJ Gaine, Dr D Hall, Mr NBS Logan,  
Dr DD Marcenac, Ms TC Marriott,  
Mr MR Price, Mr AK Sowter, Mr A Terrell,  
Mr PF Whyte.

**1988:** Ms JC Allan, Mrs R Artmonsky,  
Miss TH Dempster, Mrs TM Dodd,  
Mr PJ Hogg, Dr JA Jagoe, Dr CB Laird,  
Mr D Macrae, Mr ADC Hogan,  
Mrs RK Parke, Mrs CL Pearson,

Dr PD Wothers, Mr MA Reeves,  
Mr JN Sharkey, Mr AD Smith,  
Mr CM Tregenza Dancer, Dr J Vickers,  
Mr PR Watkins.

**1989:** Mrs CB Barton, Mrs RJ Benosiglio,  
Mr PAR Chapman, Mr WM Croft,  
Mrs LA Howes, Mr DR Kingsley,  
Dr SL Less, Mr RM Morley, Mr JW Pagan,  
Mr JA Sansum, Mrs LJ Spice, Mrs CN Ulyatt.

**1990:** Dr CE Appleby, Miss AL Blewett,  
Professor C Clark, Mr AM Connell,  
Ms CE Cox, Ms GL Dallman, Mrs N Dibben,  
Mr RJS Edis, Mr DRN Gillard, Mrs SL Hobbs,  
Mr RH King, Mr MP Male, Mr PR Mardling,  
Mrs LJ Mitchell, Dr CDR Murray,  
Mr NR Osborne, Miss AMC Poon,  
Ms AL Stokes, Miss SM Stuart,  
Mr GP Sweeney, Mr D Wright.

**1991:** Mr D Boothroyd, Mr DP Bowman,  
Mr DR Cockwell, Mrs CL Lloyd,  
Mrs KHI Davison, Mr B Evans-Jones,  
Mr JW Harvie-Clark, Mr MNR Jones,  
Mr JR Kent, Ms JE McCarthy, Mr JD Platt,  
Mrs LA Scott, Mr PK Sheppard,  
Mr RA Smith, Mr R Spears, Mr AW Walker,  
Miss JC Walker.

**1992:** Miss AJV Austin, Mr RJ Chadwick,  
Mr BW Clark, Ms SE Gillman, Dr AJ Ferraro,  
Mr S Kelso, Dr JK Lam, Mrs DG Mackay,  
Mrs AE Millar, Ms M Orr, Dr RH Richardson,  
Dr TJ Sabin, Mrs LS Schutt,  
Mrs JD Stapleton, Mr KH Wong.

**1993:** Mr PJ Adie, Mrs HL Badcock,  
Mr NP Cosgrove, Dr CM Guttenke,  
Mr AP Leyland, Mr RUL Mead,  
Mr SM Plaut, Dr RA Melikan, Mr AC Ruger,  
Ms FYM Wong.

**1994:** Miss DM Ahern, Mr AB Cheetham,  
Mr D Cole, Mr JGN Edis, Dr DJ Gould,  
Dr RPG Henderson, Mr WJ Long,  
Dr M Norrish, Dr BC Randall,  
Dr ME Roberts, Mrs JKM Shillington.

**1995:** Mr G Armstrong, Mr AM Bonsall,  
Miss GAH Stewart, Miss CL Brinkman,  
Mr TRR Halahan, Mr DA Linley,  
Mr BR Loomes, Mr JL Selby,  
Mr SM Tumkur.

**1996:** Miss BA Cook, Mr AA Gilbert,  
Mr HE McNeill.

**1997:** Dr KS Aylett, Mrs RL Bond,  
Flight Lieutenant MJ Clarke, Dr RS Court,  
Mr JS Ford, Mrs EP Hawkins,  
Mrs JM Purnell, Captain CHL Banyard,  
Mr C Lamont, Mr PA Pretorius,  
Mr ANR Sarafoglou, Miss MY Teng,  
Mr SP Venables, Mr AW Woodward,  
Mr MS Zane.

**1998:** Mr JE Brimlow, Mrs KS Kelly,  
Miss A Paramour, Mr DM Podmore,  
Miss AEJ Wood.

**1999:** Mr NA Chowdhury, Mr SR Cooper,  
Miss EJR Goldsmith, Mrs JC Houghton,  
Mr JA Livingston, Mr HA Symington.

**2000:** Commander SR Atkinson,  
Mr MJ Copp, Mr CEB King,  
Mr CP Le Neve Foster, Miss HC Savage,  
Mr AB Schaffer.

**2001:** Mr GE Chin, Mr WM Mott,  
Dr ER Perdeaux, Mr AD Shailer-Smith,  
Dr M Tseng, Mr JA Wilkinson.

**2002:** Mr TJ Woodhams.

**2003:** Ms CE Jarmy, Ms DR Lovett,  
Mrs M Heller.

**2004:** Mr D Mekic, Mr MP White,  
Mr CW Wong.

**2005:** Mr SP Summers, Dr HL Yewlett.

**2008:** Mr SA Lucas.

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in memory of Mr TCL Walwyn,  
Mrs MA Wolton, Mr JRG Wright,  
BP Company plc, GE Fund,  
Mobil Foundation, Penningtons,  
The Thriplow Trust, Wolfson Foundation.

Every effort was made to ensure that the list was complete when this issue went to press on 15 April 2011. If your name has been inadvertently omitted, please accept our apologies and our deepest gratitude for your support.

## Career Link

Take a minute to register on the recently launched Career Link ([www.caths.cam.ac.uk/alumni/society](http://www.caths.cam.ac.uk/alumni/society)), a portal for career advice for current students.



# The Island Site

**The site of St Catharine's College,** bordered by Trumpington Street, King's Lane, Queens' Lane and Silver Street, has changed beyond all recognition since Robert Woodlark, the College's founder, started buying up tenements here in the 1450s and 1460s. He envisioned a small College, though not as small as the initial Master and two Fellows he could find resources for! He had in mind a Master and ten Fellows, but this was not to be for some time. The College today would be barely recognisable to him or his contemporaries as none of the original buildings survive.

The first buildings were in the area now occupied by the western end of Main Court, and C and D staircases. At first there was just a Hall, Library, a small amount of accommodation, kitchen and the beginnings of a Chapel. As time went by further properties, on what is now known as the 'Island Site', were purchased by the College, culminating in the last pieces of property, on the corner of Trumpington Street and Silver Street, being purchased in 1947.

Although none of the original buildings remain, the College does still have one building from the 15th century, now part of Sherlock Court (pictured). Known from at least the 1550s as The Eagle or Splayed Eagle, it originally belonged to Queens' College. They sold it in 1535 to Dr Thomas Bill and it remained in private hands until 1871 when it was finally purchased by the College. St Catharine's refurbished it in 1963 and further improvement work took place in the early 1980s.

The Island Site has seen many changes over the years: the College Chapel did not always lie in its present position

for example. The previous Chapel had stood at the south side of today's Main Court. The current Chapel, on the North side of Main Court was consecrated in September 1704 after an energetic appeal for funds by the then Master, Sir William Dawes.

One of the most significant developments was the erection of the Ramsden Building, which was made possible by a bequest from Mary Ramsden, a wealthy Yorkshirewoman with strong family links to the College. The foundation stone for the building to complement the Chapel was laid in 1757 and the building was completed in 1765. This new building, and the purchase of tenements at the east of the College, led to a move of the main entrance from Queens' Lane to Trumpington Street.

Perhaps the second most significant change to occur took place in the 1960s, when a project was embarked upon to redevelop the Northern part of the Island Site to create a new Hall and undergraduate accommodation. Working together with King's College,

the new development was completed in 1966. Although the development led to the demolition of the Senior Combination Room, the Gostlin Building, the Library staircase and part of the Bull Hostel, the College gained a new Hall which could cope with its growing numbers and a significant amount of student accommodation. There was also the addition of a new Library, bar and Junior Combination Room in 1986.

The future may bring further changes to the Island Site and to the properties St Catharine's owns around Cambridge. The proposed College Centre in Chapel Court will provide a modern auditorium, bar and meeting spaces.

Further images of Main Court can be seen as part of the College Archives' termly online exhibitions at <http://bit.ly/fmzfa>.

If you would like any further information about the College Archives please contact the Archivist, Elizabeth Ennion-Smith ([archivist@caths.cam.ac.uk](mailto:archivist@caths.cam.ac.uk)) or 01223 338343).



# College finances

We have had several requests from Members for some details of the College's financial position. We do not yet know the full impact of the simultaneous introduction of an Undergraduate Fee of £9,000 from 2012–13, and the substantial reduction in the central government grant to the University for teaching, let alone the sharing of that impact between University and Colleges. We will update Members when the future is clearer, but meanwhile what follows sets out our current position, albeit the view through the rear mirror rather than the windscreen.

## Annual Income and Expenditure

Figures 1 to 3 show College income and expenditure averaged over the past five years (a useful presentation because of significant annual fluctuations in several areas such as investment income and gifts).

Figure 1 shows that over the past

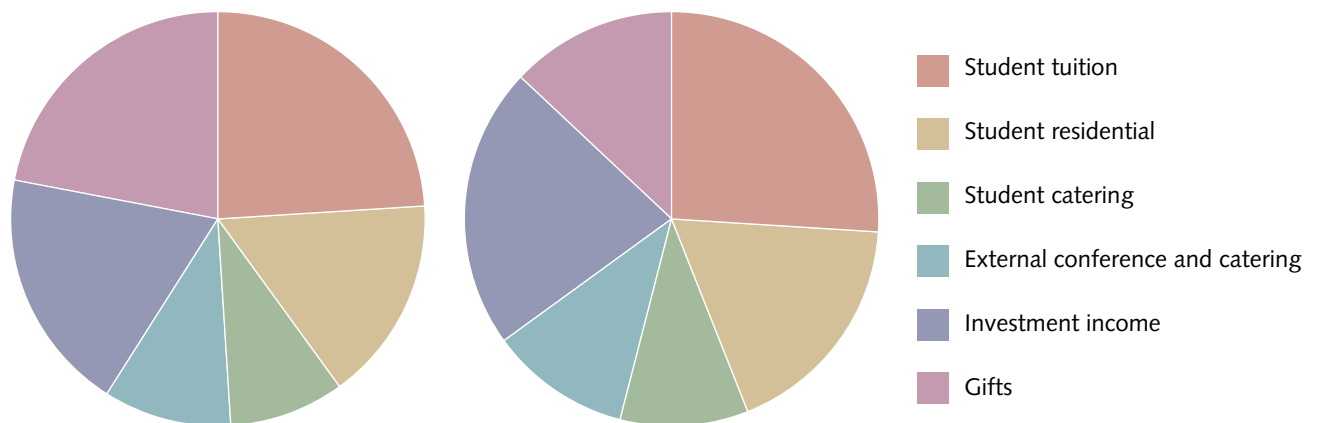
five years almost one quarter of our income has come from the generosity of Members and other friends of the College. Half of that giving has been restricted to specific purposes and is not available to support our annual operating costs. Principally those restrictions have either been for the endowment of particular teaching posts, whereby we invest the gift as discussed below and are permitted to spend only the investment return, e.g. to employ teaching Fellows, or because the donations were specifically for building projects such as the College Centre.

Figures 2 and 3 consider the day-to-day finances of the College, and so exclude from income those restricted donations described above. Of St Catharine's total income, a little over half usually comes from student fees for tuition, accommodation and catering. The true cost of these activities, which lie at the core of the College's mission, is significantly higher than that and represents over 80% of our expenditure.

An important element to be recognised in planning the finances of the College is that in recent years St Catharine's has experienced increases in its operating costs above the rise in the Retail Price Index. The cost of educating students has risen by 7% per annum over the last decade while per-capita fees paid to the College have only increased by closer to 3% per annum. This is primarily due to a heavy exposure to personnel costs and significant rises in 2006–09 in historically low academic salaries, in a very competitive market for the finest talent.

In addition, income from our external conference and banqueting business (11% of all income) covers its costs and makes a very important contribution to the fixed costs of catering and accommodation within the College.

The remaining one-third of our income, on average over the past five years, has come from the return on our endowment and from unrestricted donations and legacies, thanks to the



Left: Figure 1: College income (annual average 2006–10).

Right: Figure 2: College income (excluding restricted gifts; annual average 2006–10).

generosity of our Members and other friends. These elements of income have on average been sufficient to enable us to break even over the past five years, but with considerable volatility from year to year.

While the College does not exist to make surpluses each year, it is important that we strengthen our financial position and reduce our reliance on unrestricted gifts to pay our annual operating expenses. The St Catharine's Campaign, by raising funds to endow teaching posts, will play an important role in this.

St Catharine's endowment stands at close to £42 million, placing the College 18th out of the 31 Cambridge colleges. In order to be financially secure and resilient, to maintain the current standard of excellence, and to compete both nationally and internationally in the academic arena, the College believes that it will need an endowment

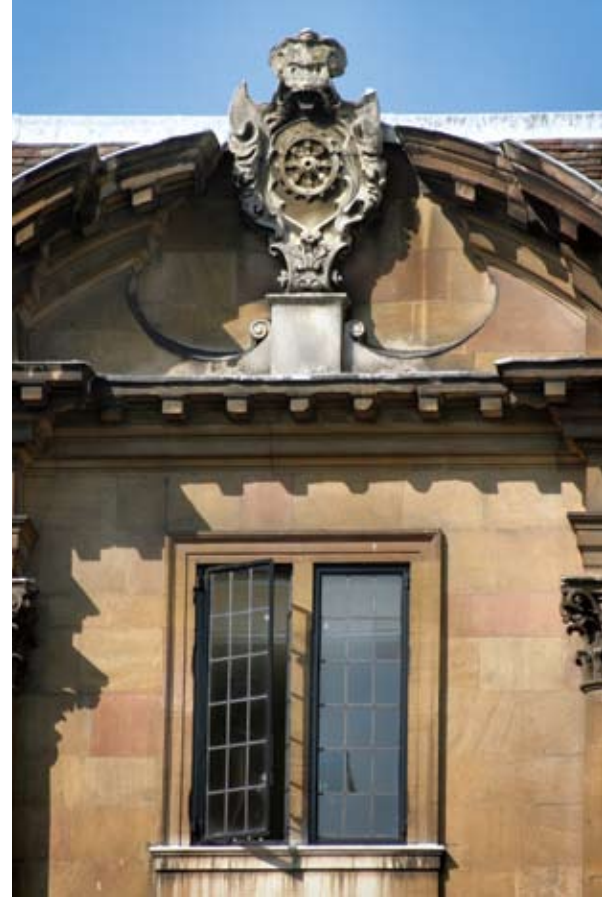
of at least £55 million in today's money. This means that we need to raise in the next few years at least another £15 million for the endowment fund.

Supporting the endowment is the optimum way to support the long-term stability of the College, as income earned by investing the endowment can be re-invested or used as necessary to meet operating costs. A donation to the endowment will benefit St Catharine's in perpetuity.

### The Endowment

The College's endowment is a capital fund, which provides a permanent source of income through being invested in a diversified manner. It plays a key role in sustaining the College, by bridging the gap between the true cost of a Cambridge education and the State's and students' contributions.

The College has to balance a risk-averse approach to investing with the



need to earn consistent real returns that both preserve the spending power of the endowment and produce a current income to meet today's costs. The diversified range of investments is not unlike those chosen by other perpetual institutions and is illustrated in Figure 4. Over the past three years, the investment markets have been volatile and our property and equity investments have fluctuated significantly in value, while overall income has declined. However, thanks to new gifts to the endowment, and better returns in 2009–10, the portfolio valuation now exceeds the previous peak levels of mid 2007.

*Simon Summers, Senior Bursar*

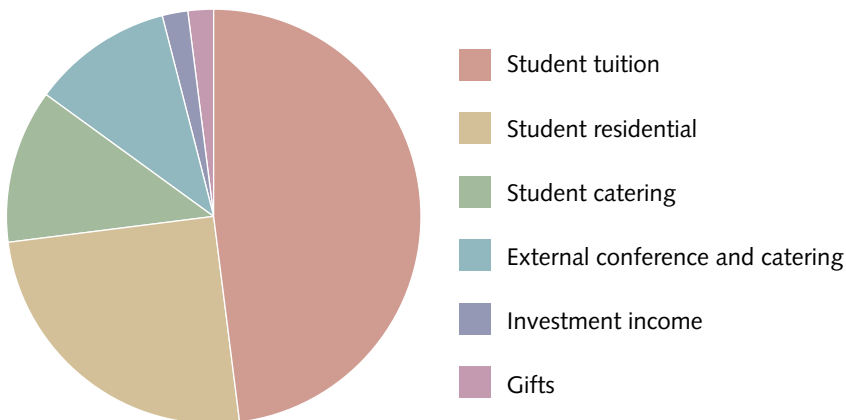


Figure 3: Expenditure (annual average 2006–10).

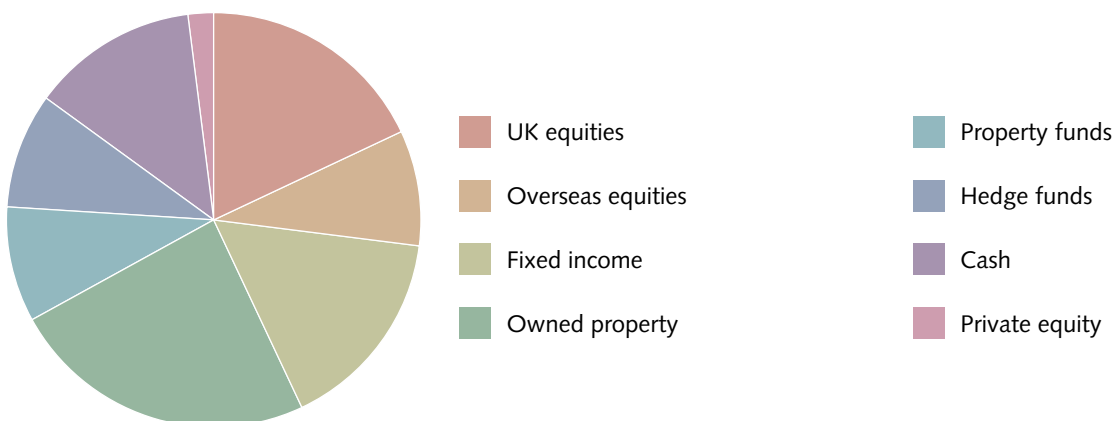


Figure 4: College Endowment, June 2010. Total £42.5 million.



# Take on Africa

In the 2009 spring edition of the *Catharine Wheel* we reported on Helen Lloyd (2000) leaving the UK to embark on an independent cycle ride to Cape Town in South Africa.

20 months, over 24,600 km, 20 countries and two continents later Helen arrived at her destination on 15 March 2011.

Helen entered Africa at Morocco, traversed the Sahara, cycled through West Africa, for two weeks paddled down the Niger river in a locally-made pirogue and spent three months crossing the Democratic Republic of Congo before entering southern Africa. She has slept alone in the desert sands, in thick equatorial forests, outside the huts of local village chiefs surrounded by hundreds of children, in schools and the homes of people she has met.

The cycling has been on roads ranging from beautifully smooth tarmac to muddy and sandy tracks along which she has had to tirelessly push or drag the fully-loaded bike weighing 50 kilograms. She has passed through many different climatic regions and has had to cope with sandstorms, thunderstorms, endless rains and extreme heat.

Helen says that, 'Travelling by bike provides an unparalleled opportunity to explore and see the African continent, in a unique way that cannot be experienced from the window of a bus or a 4x4. It's the best way to appreciate the enormous cultural and geophysical diversity'.

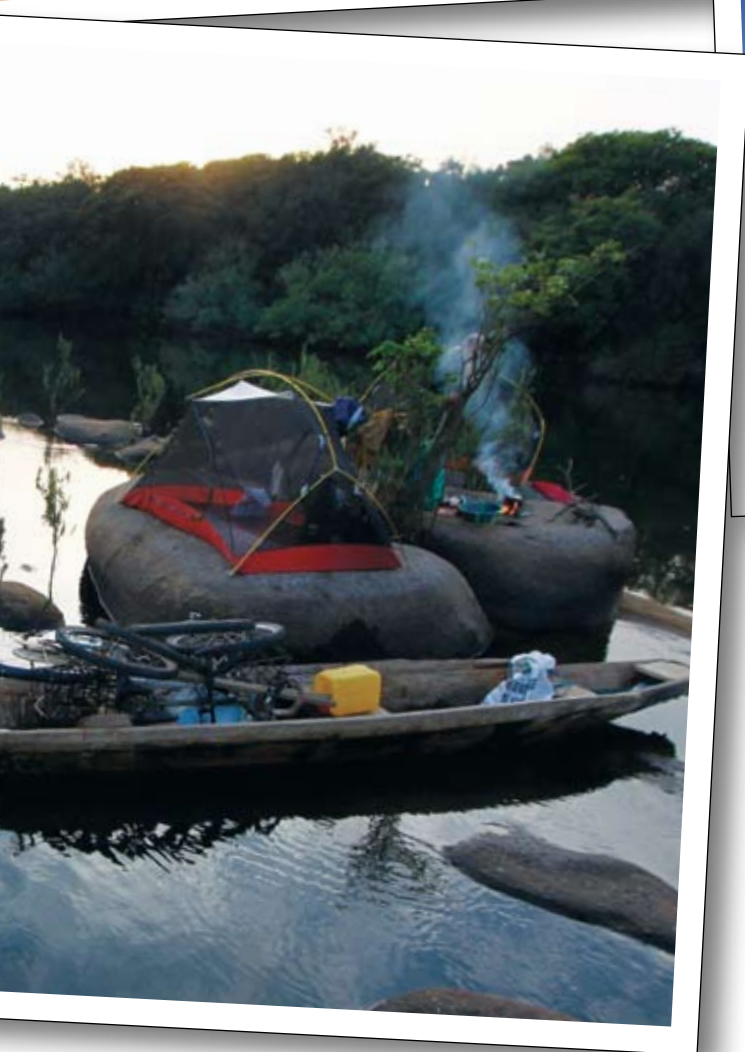
Helen also used the bike expedition to help raise money for the Welbodi Partnership, a UK charity supporting

the provision of paediatric care in Sierra Leone, where child health statistics are among the worst in the world.

The Partnership is currently focussed on providing care and training at the Ola Daring Children's Hospital in Freetown, which Helen visited on her journey, and is a model to be expanded nationwide to meet the long-term objectives of providing locally run, accessible healthcare to children nationwide.

Throughout her trip, Helen kept a journal of her experiences; you can see her writing and photographs on [www.takeonafrica.com](http://www.takeonafrica.com).







# From the Himalayas to Cambridge

**For many Fellows at St Catharine's**, collaboration may involve working with colleagues in different disciplines, or with colleagues in the same field around the world. Many social anthropologists, however, enter into collaborative relationships with the people whom they study. Such relationships often fall outside familiar frameworks for academic partnership, and securing institutional and financial recognition for indigenous knowledge holders as full scholarly partners can be difficult. I was therefore delighted when my long-term co-author and research collaborator, Bir Bahadur Thami (pictured opposite), from the indigenous Thangmi (or Thami) community of Nepal, was not only granted an academic visa to visit Cambridge with the College's support, but was made a very welcome visitor at St Catharine's with weekly dining

privileges during his two visits in the summers of 2009 and 2010.

Aside from the obvious delight of spending time at a university with such a rich history and world-class resources, surely felt by every visitor to Cambridge, for Bir Bahadur, who hails from a small Himalayan village, the invitation to Cambridge was a tangible vindication of the importance of his ongoing work to document his own language and culture. Such validation from the outside world matters enormously for members of ethnic communities like the Thangmi, who have been historically exploited and marginalised by both the state and academic institutions in their own countries.

I have been working with the Thangmi since 1999, when I began conducting ethnographic research with this community of approximately

40,000 people, dispersed across Himalayan regions of central-eastern Nepal, northeast India and the southern reaches of China's Tibetan Autonomous Region. The Thangmi speak an endangered Tibeto-Burman language and maintain a unique set of religious practices that blend elements of Hinduism, Buddhism, and indigenous shamanism. My doctoral research at Cornell University focussed on ethnic identity and ritual practice in the context of Thangmi circular migration between all three countries. During my fieldwork I recorded many hours of shamanic ritual recitations in the Thangmi language that had never before been written down, let alone translated or published. Although my PhD dissertation drew upon this corpus of material in its analysis, I could not incorporate the ritual texts in their entirety in the manuscript. One of my objectives during the tenure of my Junior Research Fellowship at St Catharine's was therefore to compile a separate book containing the full recitations from the most important Thangmi ritual cycles: those chanted at weddings and funerals. The plan was to present the ritual texts in three languages side by side: in the original Thangmi, in Nepali (the national lingua franca) and in English.

This project brought Bir Bahadur to Cambridge. Our work was urgent, since many of the senior shamans who could help check the final manuscript were elderly, and would carry their knowledge with them when they died. We had the raw recordings, but now needed to carefully transcribe and translate them. This work couldn't really be undertaken in Nepal, in part



because the constant power cuts in the cities (up to 16 hours a day in some seasons) made intensive computer work most frustrating, but also because Bir Bahadur had many other commitments at home, both as a farmer and as the chairman of a local NGO that works to improve education for Thangmi children. I applied for two small grants to support his visit, and was delighted to receive funding from both the Frederick Williamson Memorial Fund in Cambridge, and the Firebird Foundation for Anthropological Research in the US. These grants enabled Bir Bahadur to spend the necessary time with me at St Catharine's to focus on the complex task of transcription and translation. By the end of the first summer, we could conceptualize it as a book, and by the end of the second summer, we were almost ready to submit it to Harvard University Press, who, along



with several publishers in Nepal, have expressed an interest in publishing it.

Along with many memories and photos, not to mention presents for his children, Bir Bahadur left Cambridge with a beautiful gift from the Development Office – a lithograph of

St Catharine's – which now has pride of place in his village home in Nepal. We continue to work together from afar, as we take our shared project through the final stages of production.

*Sara Shneiderman, Research Fellow in Anthropology*

## From Bletchley to Paris

**Dr Mark Baldwin (1962)** and John Cutler (1962), both of whom read Mechanical Sciences, recently completed a sponsored cycle ride to Paris, raising funds for Bletchley Park, Britain's WW2 codebreaking centre. They started from John's home, north of Northampton, on Friday 25 March, so had already covered 25 miles by the time they reached Bletchley Park for an official send-off. In bright sunshine, Trust Director, Simon Greenish, and other staff and visitors waved flags and cheered as the two left the Park heading south.

130 miles' pedalling took them to Newhaven, where they caught the ferry to Dieppe, arriving in France on the afternoon of Monday 28 March. Blessed with good weather, and not a single puncture, they experienced no problems over the next 120 miles, which brought them to the Eiffel Tower on Wednesday 30 March. As elderly gentlemen, they had no wish to attempt any speed records, and were quite content with daily runs of 50 or 60 miles, with a maximum of 63.

Mark originally saw cycling to Paris as a physical challenge, but his wife realised that it would provide a great opportunity

to publicise Bletchley Park, and to raise funds by seeking sponsorship. The Trust gave its blessing, and advised on the best way to proceed. Mark has been surprised and delighted by how many people have sponsored his trip (over 120 so far), and amongst these have been donors in USA, Canada, Poland, France and Norway.

Mark says, 'I'm certain it shows what broad support there is for Bletchley Park. I have had donations from quite a number of people I don't know, so it's by no means merely personal loyalty

from friends and relations. Thanks to the weather, the trip went well, and thanks to the sponsors, it was well worth while.' The sponsorship total is still rising, but it looks as if their ride will have raised around £4000 for the Bletchley Park Trust.

...and no, they didn't ride back! They didn't have the time, so came back to St Pancras by Eurostar. John was delighted: 'To cycle in Paris, London and Northampton, all before lunch on the same day, is a notable event.'

*Mark Baldwin*



# The light fantastic

## Cambridge University Eco Racing

(CUER) designs, builds and races solar-powered cars. We showcase what is possible using cutting-edge technology and innovative engineering on a relatively limited budget, whilst demonstrating the incredible potential of electric vehicle technologies. The premise is simple, the reality is far more complicated than that!

CUER was set up in 2007 by a 4th-year engineering student, inspired by his involvement in the MIT solar car team through an exchange program. Borrowing heavily from the work done at MIT, by June 2008 CUER had produced their prototype vehicle, *Affinity*. That summer *Affinity* was driven across the country on CUER's 'End-to-End' trip: a journey from Land's End to John O'Groats.

In the summer of 2008, design work began on CUER's second vehicle, *Endeavour* (pictured on opposite page), which was completed in summer 2009, with notable input (including many overnight stays in the workshops) from then St Catharine's undergraduates Michael Probyn (2005) and Charlie Watt (2005).

*Endeavour* was entered into the 2009 Global Green Challenge: a 3,000 km race across the Australian outback from Darwin to Adelaide, fuelled by the power of the Sun alone. Despite suffering major battery problems, *Endeavour* successfully completed the race, finishing 14th out of 26 vehicles.

The leading teams operate with multi-million pound budgets with corporate sponsorship so large that the company names the team and provides materials and facilities beyond CUER's dreams.

In comparison, we have to operate on a shoestring budget and via sheer hard work. We have to use the fact we are meant to be amongst the world's brightest minds to develop clever solutions, rather than throw money at every problem, in what is often coined 'real engineering'.

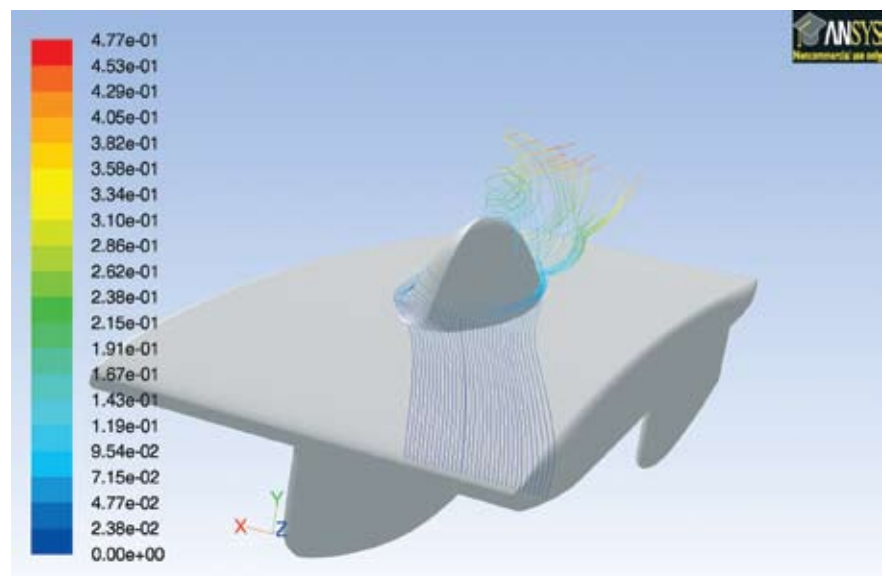
The combination of 2010 not being a racing year and the aftereffects of the global recession had a dramatic impact on the team following the race in Australia. The majority of work during 2009–10 was focussed on studying *Endeavour* and analysing her performance.

## 2010–11

2011 is a race year and the World Solar Challenge will be held in late October, when CUER plans to enter the fray,

racing at motorway speeds, again across Australia, under solar power alone, against teams from all over the globe, representing our colleges, the University and the UK.

Team 2011 consists of a core of around twenty 4th year engineers and a PhD student who raced in 2009. Many of the core team's Masters projects involve research into aspects of the car. Roles vary from aerodynamic and mechanical analysis through to sponsorship and outreach. In addition to the core team, there are about thirty others representing all years and various subjects, who do what they can (in some cases this is a lot of work: our new steering wheel and driver interfaces are being designed almost exclusively by a third year who will not be able to race with us due to course commitments).



This image shows the vortex structures formed when the new canopy is presented to a slight cross wind. The improvements in the simulations have allowed us to reduce the strength and size of these structure, reducing the drag as a result.



The events of the previous year left the 2010–11 team with a big challenge. We had a car that had largely been untested since it arrived back in the UK, and not only did we have to prepare a car to race in October 2011, but we had to secure the materials, tools and funding in a relatively short space of time. Following lengthy discussions within the team, with our Board of Advisors and with the Department, it was therefore decided that we would have to re-race *Endeavour* in some form. At the same time we would be adding to the knowledge-base and doing the sponsorship groundwork for the future teams and the 2013 race.

We were very lucky to meet Mark Green, a technical marketing engineer from Intel. Working with us he has managed to get Intel to be our title sponsor, providing access to unprecedented computing power at one of their UK sites and the latest computing hardware for the team in Cambridge. As they have done for the *Bloodhound SSC* team, Intel has enabled us to greatly improve our design capabilities.

People often ask why or how this helps us so much, the answer is fairly simple: The majority of our energy losses come from the aerodynamic drag on the car. Computational fluid dynamics (CFD) allows us to approximate the air flow and hence visualise how and where the losses are occurring, allowing us to take the appropriate course of action to minimise them. Real-world 3D flows are immensely complex, essentially impossible to solve by hand or algebraically, so a powerful computer is essential to numerically solve (or at least approximate) the solution. To get accurate or workable answers is a challenge and computationally expensive.

Intel's processing power and memory capacity were complemented by software provided by Beta CAE Systems, and ANSYS Inc. This combination has allowed us to run two Masters projects and increase our simulation speeds by up to a thousand times, as well as to run far more detailed models at the same time to provide better results. We were also able to reduce losses by designing a new canopy and rear fairings, whilst also laying down the



foundation for 2013 concept work. None of this was possible with our existing hardware.

The new telemetry system and solid-state storage will also allow data logging in the car (where a traditional hard drive would not survive the heat or vibrations) rather than relying solely on a wireless system linked to the chase vehicle, allowing for far more accurate information to be gathered, and more variables to be monitored.

Other Masters projects have been analysing losses due to tyre rolling resistance; future chassis design; chassis testing; obtaining maximum power from our solar array; battery properties and reliability; suspension and handling properties and team optimisation.

Aside from Intel's input, the sponsorship team has successfully negotiated support from many of our previous sponsors (including Schlumberger, Cambridge Precision and ANSYS) and some new firms (including Jaguar Land Rover through the Department) who are donating software, materials, man hours, expertise or funding to allow us to race in October.

The design iteration work has now drawn to a close and, as of mid-March 2011, we have dismantled *Endeavour* and are beginning the modifications to build *Endeavour Mk2*. These modifications include repair work to the existing shell; a new motor hub and wheels to accommodate new tires; the new telemetry system; new steering and driver control interfaces; improved (reliable) electronics and a battery pack (cells and management systems

provided by LifeBatt); alterations to the chassis, a new canopy; new rear fairings; new lights; additional weight savings and much more.

At the time of writing the race start is 201 days away, yet there is a lot of work to be done. As ever in Cambridge, time is against us: the modifications and rebuild need to be completed between revision, exams, Masters project deadlines and graduation, and the car has to be shipped out long in advance of the race in October.

Realistically we aim to be competitive and finish the entire race in good time, with a reliable solar-powered racing car. Finishing inside the top ten will be a very good performance given we are running an upgraded, modified and repaired car against those with new cars and significantly more funding. Still, we are quietly confident that the research being done and the sponsorship links being formed this year will lead to a highly competitive and novel design for 2013.

More information on CUER can be found at our website ([www.cuer.co.uk](http://www.cuer.co.uk)). For a more regular update on progress and the team as a whole visit our blog ([www.cuer.co.uk/blog](http://www.cuer.co.uk/blog)). For even shorter updates, find us on Twitter at [www.twitter.com/cuer2011](http://www.twitter.com/cuer2011).

More information on the race can be found at [www.worldsolarchallenge.org](http://www.worldsolarchallenge.org).

*Oliver Smith, 4th yr Engineer*

### Latest news

Follow the latest news from the College on Facebook (St Catharine's College Cambridge) or Twitter (Catz\_Cambridge)



# The English reunion dinner

*Many of you joined us for the splendid dinner on 5 March 2011. For those of you who were unable to be there, we hope that Paul Hartle's words spoken after dinner will bring you the flavour of the evening.*

"It gives me wonder great as my content / To see you here before me".

The words of Othello as he greets Desdemona after their separate voyages have brought them safe to Cyprus; all of us here have travelled in different vessels across different waters, although in my own case I started here, stayed here, and here (indeed) I still remain.

Tonight we celebrate the sixty years of St Catharine's English which are gathered in this Hall, from Geoff Stokell, who came up in 1950, to the Class of 2010. When Geoff matriculated, George VI was on the throne (as he is again, in a sense), whilst next year sees Elizabeth's Diamond Jubilee, and she has only four years more to serve to surpass Victoria as the nation's longest-reigning monarch.

Those sixty years constitute more than half the time that English has been a subject at all in this University; the Faculty was founded in 1919, "against implacable opposition", according to Tom Henn, who himself came up to read Modern Languages in that same year. He returned as Fellow in 1926 and remained a St Catharine's man until his death in 1974. Although he never taught me, I remember his august presence at Monday Evenings and his richly theatrical addresses to the Shirley Society. His name is now commemorated in a scholarship and an annual lecture, whilst funds given in his

memory also support the publication of student creative writing.

The interweaving of a name and a life through the history of the subject in the College is frequent: Michael Collie is an exemplary case. Michael came up in 1949, becoming an eminent scholar and teacher of nineteenth-century fiction; he returned to College in 1973 as a Visiting Scholar, and thereby taught me and my contemporaries Tragedy, via a devastatingly Socratic method which left no slack thought or lumpen idea unturned. A few years later, it was my pleasure to visit his methods upon his daughter Ursula (1979). Michael is not well enough to join us tonight, but he tells me that his mother taught John Andrew (1947) just after World War II, "so the family's association with the College has been strong".

John Andrew himself, who happily if unwisely admitted me, and who died last year just shy of his ninetieth birthday, was in his time (like Tom) both Director of Studies in English and then Senior Tutor (it must be something in the water). I will recall only two others, who both died too young: Christopher MacGregor (1966), who whilst a PhD student tried to teach me and in whose memory there is a Postgraduate English Study award, which has been held by several around these tables, and Martin Steele (1973), whose love of theatre is commemorated in an Award for Drama, won by even more of those I see before me now.

Of the absent but happily still living, both our theatrical knights have sent good wishes: Peter Hall (1950) celebrates his eightieth birthday this year, whilst (according to his blog) Ian

McKellen (1958) is doing something hobbit-forming in New Zealand. I think it's a fine thing to have as the leader of Middle Earth someone who read English at St Catharine's, and it's nice that in recent years he has been kind enough to spend time with our current students.

Whilst we do have our first-ever Heidelberg Exchange student with us – Robin Telfer (1978), who went to Germany and never came back – one of those for whom we swapped him (in a midnight exchange on the Glienicke Bridge) sends regrets that she can't be with us due to an inconvenient birthday (today); that is Stephanie von Richthofen, direct lineal descendant of the flying ace the Red Baron himself. Others who would have liked to be here – or so they claim – are touring her one-woman show in Australia (it's Adelaide tonight), filming in Hollywood, playing the Irish pipes, partying with his cast at the Bristol Old Vic, teaching Royal Shakespeare Company actors how to speak Shakespeare, due to give birth... whilst Dominic Dromgoole (1982) at the Globe is working with his Hamlet, despite my having assured him that all they need to remember is that the play is "the tragedy of a man who could not make up his mind."

Last of all, a touching message from the widow of Richard Hopkins (1960) to say that Richard died suddenly and unexpectedly at the end of last year; "he would have loved to come to the dinner."

So much for some of us here tonight and some not here tonight, but we should remember that we are the lucky ones. Another unwilling absentee, Andrew Scadding (1967) writes that



"West Riding County Council and my parents actually paid me £365 per annum to read English at St Catharine's, which has to be the bargain of the last century." For almost all of us around these tables, our education here was free, and even for the most recent (for whom it wasn't and isn't) it is dirt cheap, whilst for those who will follow us in 2012 and thereafter, things will be very different, as the government withdraws funding for teaching in the Arts and Humanities. So they will ask us, our 'customers' of the future, what do I get for my money? And, of course, I sometimes wonder what we might say.

I am very fond of a phrase of Sir Thomas Browne, from *Religio Medici*, where he reminds us that "we owe", even to those from whom we differ, "the duty of good language." Published in 1642, the year of the outbreak of the English Civil War, the words were timely. But we might choose to interpret the phrase more broadly – "we owe the duty of good language" – the responsibility to be courteous, surely, but also to be exact and exacting in speech and in writing, to value and

promote that exactness where we find it, to pay the exactions we owe to language which makes demands upon us; and to identify and rebuke bad language, in a similarly broad sense; to use, to quote Swift's luminously infuriating definition of good style, "proper words in proper places", language which is correct, which is appropriate, but also which is clean – "propre" – free of excrescence, and which has propriety.

We profess the anatomy of language as a subject: the unexamined word is not worth reading, writing, speaking or living. But this anatomy does not murder to dissect, but plies the steel to cherish good language and cure bad, and to teach others to care about the difference. This profession is all the more important at a time when government and bureaucracy have (all unwittingly, I fear) adopted the linguistic maxim of Humpty Dumpty: "When I use a word ... it means just what I choose it to mean." Like Don Adriano and the pedant Holofernes (whom I seem much to resemble tonight) in *Love's Labour's Lost*,

we "have been at a great feast of languages and stol'n the scraps"; but we have left good eating for those who come to the table after us, and it seems a fine serendipity that tonight is World Book Night, and that, as I speak, a million books are being given to eager readers *gratis*.

*Paul Hartle (1971), Fellow in English and Senior Tutor*

### Keep in touch

We are continuously exploring ways to make keeping in touch with St Catharine's as simple as possible. If you recently moved, changed jobs or have exciting news to share, you may wish to do so via our website ([www.caths.cam.ac.uk](http://www.caths.cam.ac.uk)).

For the more business-minded, St Catharine's now runs a group on LinkedIn ([www.linkedin.com](http://www.linkedin.com): St Catharine's College, University of Cambridge)

**LinkedIn**

# From languages to films: Eleanor Burke

**What was your route to film-making from being a language student at Catz?**

I was drawn to film as a teenager and, funnily enough, taking languages at A Level fed this passion, as it gave me access to films and filmmakers I hadn't encountered before. I watched all the Truffaut films and all the Louis Malle films I could find; I talked about the Spanish director Carlos Saura in my oral exam. It felt like a very natural choice to continue studying languages at university. I took French and Spanish and, looking back, so much of what I encountered in my studies and the way that learning languages has shaped my thinking has been very influential on my film-making.

During my year abroad in Paris and in my final year at Catz, I wrote a lot of film ideas and outlines. After graduation, I moved back to London and for a year I worked for a charity in a deprived area of North Kensington, teaching video skills. I was also writing for a British Film Institute publication on British Cinema. I had heard a lot about the post-graduate film programme at New York University and I loved the sound of the course. I got in and moved to New York. I made a number of short films at NYU and I met my film-making partner (and husband), Ron Eyal, there.

**What was your time at Catz like and how did it direct your choice of career?**

I enjoyed my time at Catz. I got so much from studying languages and I made wonderful friends.

A great thing about studying languages is that you really develop an awareness of foreignness: of entering another culture, of being an outsider





and of bridging gaps in communication and understanding. Having an outside eye but also a desire to communicate and create empathy is fundamental to film-making, and the stories that interest me as a filmmaker tend to deal with relationships between insiders and outsiders.

#### What is your most enduring memory of Catz?

In my first year, I lived in E and we had a real community on our corridor. We had a lot of fun. Living at Chad's was great too. We had dinners in our flat. I remember revising on the lawn outside in the sun.

#### Why did you choose to go to the States? Why New York?

I chose to go to the States for film school. As I said earlier, I went to New York University, which has a great film-making programme. You have the opportunity there to direct narrative as well as documentary films, and to learn cinematography, editing and other film-making crafts. New York also has

a vibrant independent film scene and a supportive film-making community.

#### Tell us a bit about *Stranger Things* and your style of film-making.

*Stranger Things* is about Oona, a young woman dealing with the loss of her mother, who reaches out to a stranger: a mysterious homeless man whom she invites to stay in her garden shed. It's a film about discovery, loss and companionship.

I wrote and co-directed the film with Ron. I was also the cinematographer. We shot the film in the Sussex countryside, close to Hastings, where we worked and lived on location. The film was made with a very small crew, which made shooting very flexible.

Ron and I find it very rewarding to collaborate with our actors and to put them at the center of our process. Film sets are usually very chaotic environments. We use untraditional film-making methods, and we like to keep our sets very intimate and focus on work with the actors. We find that that intimacy translates onto the screen.

#### Which is your favourite film?

That's a very tricky question. I've never been able to settle on just one film. The film that made me want to direct was definitely Truffaut's *Les quatre cents coups*. I'm inspired by directors like Ken Loach, Mike Leigh and Cassavetes. I like the Safdie Bros and Andrea Arnold. However, the one film I've seen countless times and could watch forever is *The Wizard of Oz*.

#### What's next?

*Stranger Things* recently won the Grand Jury Prizes for Best Narrative Feature at both the Slamdance Film Festival and the Woodstock Film Festival over here in the US. We're looking forward to a UK premiere and to continuing our festival circuit.

Ron and I love working together and we're currently developing our next feature about an estranged father and daughter.

For more information about *Stranger Things*, see [www.strangerthingsfilm.com](http://www.strangerthingsfilm.com).

# Footballers, pharaohs, Fearnley-Whittingstall and the foetus



"At first I didn't appreciate you, so keen, so impatient to meet my baby you remained an afterthought, an afterbirth. I was grateful for the job you did, although only as appreciative as I was to any other organ. I gave you as much thought as I might a kidney." *A Letter to ... My Placenta, The Guardian, 17 April 2010*

These words written by a journalist and recent mother in *The Guardian* perhaps summarise the opinion of the majority of those who have ever given any thought at all to that neglected organ, the placenta. It is a transient organ, taking a behind-the-scenes role as the eagerly awaited baby develops inside his mother; the life of the placenta ends at the birth of the child and its visceral remains are rapidly disposed of in the maternity ward. In popular consciousness the placenta is best remembered either as the miracle cure for the injuries of footballers such as Robin van Persie, who had horse placenta fluid applied to his damaged ankle ligaments in 2005, or as the controversial *hors d'oeuvre* served with

shallots and garlic by TV chef Hugh Fearnley-Whittingstall.

Despite its underappreciated nature, during life before birth the placenta is indispensable and its influence on both mother and foetus far reaching. Amongst biologists and clinicians, interest in the placenta has grown in recent years, albeit slowly, as a consequence of its influence on the success of pregnancy. My own interest was stimulated during the final year of my undergraduate degree in Natural Sciences. I read physiology, the science of the workings and interactions of the organs and tissues of the body. Perhaps rather unfashionably, I've always been less keen on the minutiae of how molecules organise themselves within a cell or how the nerves in a fly's eye end up in the right place; the branch of physiology most connected with the study of the entire body system researched in my department was the physiology of pregnancy, I therefore automatically gravitated towards this area. I was blessed with an excellent lab project for my Part II dissertation, on the effects of maternal nutrition on the placenta, and thanks to the support of newly founded Centre for Trophoblast Research, was able to continue this research with my supervisor Abigail Fowden for the PhD degree from 2008.

The placenta is the distinguishing feature of the eutherians, the so-called 'true beasts', a subgroup of mammals including creatures ranging from the tiny pygmy shrews to the leviathan blue whale, through rats, bats, dogs, dolphins, sheep and ourselves, *Homo sapiens*. Amongst our closer relatives, only the pouched marsupials and those

most strange of mammals, the egg-laying platypuses and echidnas, do not have a placenta proper. Bizarrely, placenta-like structures have in some cases evolved for the nutritive support of the young of species more usually thought to lay eggs – some sharks and lizards for example. In mammals, shortly after the fertilization of the mother's egg by a successful sperm, the very first cells to become specialized in the embryo are those that will go on to form the placenta. These trophoblast cells, from the Greek *trophos*, for 'nourishment', multiply, burrow into the wall of the womb and are perfused by foetal blood via the umbilical cord. In this way the blood of the mother and foetus are brought exquisitely close to one another but, crucially, do not mix. Every molecule that makes up the complexity of the newborn infant must pass across the trophoblast. In this manner, the placenta is the benevolent feeder of the growing baby but its role also extends to both physical and immunological protection of the foetus and the secretion of important hormones into maternal and foetal circulation.

The importance of the placenta has been guessed at since ancient times; the Old Kingdom Egyptians, along with some extant African, Asian and Pacific tribal cultures, variously revered the placenta as the double, sibling or physical home of the soul of the newborn. After birth, the tissue might be clothed, fed and anointed, and buried in a prominent place, its welfare forever linked to the destiny of the newborn child; only today have we come to realize that there may be

an element of truth in this belief: the extent to which the placenta fulfills its task before we are born may influence our health for the rest of our lives.

Much research in the biology of pregnancy today revolves around the developmental origins of health and disease (DOHaD) hypothesis. This theory proposes that exposure to a poor environment (with limited availability of nutrients) during development in the womb will predispose an individual to diseases of metabolism such as diabetes and heart disease in adult life. Thus, otherwise healthy babies weighing less than six pounds at birth are almost ten times more likely to acquire diabetes as adults than those weighing more than nine pounds, who received a more plentiful nutrient supply and therefore grew more. The financial burdens placed upon society by metabolic disease

(greater than 10% of the NHS's £1bn budget), not to mention the implications for affected individuals, are of course great, understanding of the mechanisms causing it are therefore imperative. Nutrient supply to the unborn child influences adult health but what determines this supply of nutrients? The placenta, of course. Therefore, my own research is particularly concerned with how placental function, particularly nutrient supply, is affected by changes in the maternal environment during pregnancy. It is a complex area, the placental supply chain appearing every bit as sensitive to changes in availability and demand as those in the economic sphere, but a fascinating one that I have been fortunate enough to discuss at a number of international conferences thanks to the continued support of the university and Catz.

In time, advances in my field may lead to the identification of placental markers to allow early diagnosis of altered foetal growth and disease risk and of potential methods for treating a malfunctioning placenta; its influence, after all, may extend much further than just after birth.

Owen Vaughan (2005),  
Centre for Trophoblast Research  
and Department of Physiology,  
Development and Neuroscience

### Dining Rights

Members with MA status are entitled to dine at High Table at College expense once during Full Term. Check our Events page ([www.caths.cam.ac.uk/events](http://www.caths.cam.ac.uk/events)) for designated dates or contact Alumni & Development Office for further details.

## Society Reunion, 24–25 September 2011

### All Members are invited

Whilst there are other opportunities for Members to return to College from time to time, such as year group and subject dinners, the Society Reunion is the only occasion when all Members, from the oldest to the youngest graduates, can return to St Caths and enjoy the best that a weekend in Cambridge has to offer. Moreover, the welcome extends to partners and, most recently, to Associate Members (i.e. those who, as next of kin of deceased Members, wish to keep in touch with the College). The Reunion, therefore is a gathering that spans generations and a diverse mix of experience and memories, but all rooted in an affection for a place and a community that has been a formative influence in their lives. We hope you will be there this September.

A special welcome is extended to those who matriculated in years ending in '1' (1941, 1951, 1961, etc.), and to those who matriculated in 1966 – the same year as the current President. David Peace looks forward to meeting many of his contemporaries and sharing the occasion with them.

### The programme

In addition to the Dinner, the programme includes other highlights on the Saturday afternoon. At 2.30pm Dr Lucy Delap, Fellow and Historian, will speak about domestic servants in twentieth-century Britain under the title *Knowing Their Place*. The Society Annual Meeting will take place at 4.15pm. In addition to the presentation of Accounts and election of Officers and Committee, any Member may raise any matter subject to notifying the Secretary not less than 21 days prior to the meeting. These and any other matters to be presented by the Officers or Committee will be published on the website.

At 6.15pm, Evensong will be held in Chapel; you can enliven the singing by joining the Alumni Choir (see booking form). There will be a short practice at 5.15pm.

As in recent years, music at tea time and in the Bar after Dinner will be provided by the South Side Jazz Band.

### Bookings and Costs

Costs have increased by 4% on 2010, but the discount of 10% on the standard price for College functions

has been maintained. All bookings and queries are being handled by Hannah Baker in the Alumni and Development Office. She can be contacted on [hb305@cam.ac.uk](mailto:hb305@cam.ac.uk) or 01223 748164.

### Saturday programme

- 12.15pm Committee meeting, SCR, followed by Branch Chairs meeting
- 2.30pm Seminar (Dr Lucy Delap): *Knowing their Place: the servant question in twentieth-century Britain*
- 3.30pm Tea, Hall (South Side Jazz Band to play in Main Court if fine)
- 4.15pm Annual Meeting, Ramsden Room
- 5.15pm Choir Practice, Chapel
- 6.15pm Evensong, Chapel
- 7pm Drinks, SCR
- 7.30pm Dinner, Hall
- 10.15pm South Side Jazz Band, Bar

### Sunday programme

- 8–9.45am Breakfast, Hall
- 9am Holy Communion, Chapel
- 12.30– Buffet Lunch, Hall
- 1.30pm

# Booking form

## St Catharine's College Society Reunion weekend (24–25 September 2011)

**100 en-suite rooms have been reserved.** These rooms will be allocated on a first-come, first-served basis for bookings received before 1 September 2011; preferences for en-suite rooms or rooms near lifts will be accommodated as far as possible. Please note that we are unable to accommodate Members in specific rooms. To book a place, please complete the form below, then send it with a cheque, made payable to 'St Catharine's College', to the Alumni & Development Office, St Catharine's College, Cambridge CB2 1RL, enclosing an SAE if receipt is required. Online booking is available at [www.societydinner.stcatharinescollege.org](http://www.societydinner.stcatharinescollege.org).

Name	
Matriculation year	Subject
Address	
Post code	
Email address	
Partner's name (if attending)	
Special dietary requirements	
Any seating preferences	
Names of friends	

I/We would like to attend/join  Seminar  Annual Meeting  Alumni Choir

## Booking

<input type="checkbox"/>	Place(s) at dinner on Saturday night (price includes wines) @ £48 pp
<input type="checkbox"/>	Single room(s) and breakfast for Friday night @ £28.30 pppn
<input type="checkbox"/>	Single room(s) and breakfast for Saturday night @ £28.30 pppn
<input type="checkbox"/>	Place(s) at the buffet lunch on Sunday @ £13.20 pp

Total enclosed

I/We would like  en-suite room(s)  room(s) close to a lift

For more information on the University Alumni Weekend, see [www.foundation.cam.ac.uk](http://www.foundation.cam.ac.uk)