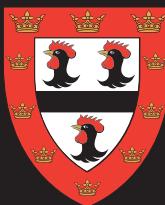




JESUS COLLEGE • CAMBRIDGE

2019



ONE HUNDRED AND FIFTEENTH ANNUAL REPORT

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2019



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*The wood engravings in this edition have been specially created
for the Annual Report by the British artist Ian Stephens*

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Contents

Message from the Vice-Master	5
Introducing our new Master	7
A Farewell to Professor Ian White and Margaret	11
Fellows and Other Senior Members 2018-2019	13
Articles	
In Care of the State <i>Véronique Mottier</i>	21
Could an AI Machine Write a Novel? <i>John Cornwell</i>	24
The Remarkable Reverend John Eliot <i>James Rudolph</i>	27
Real Avant-Garde <i>Rod Mengham</i>	30
Crucial Cereals and Sustainable Development Goals <i>Shailaja Fennell</i>	32
Student Signatures: Part II <i>Robert Athol</i>	35
A Life in the Day of Our College Receptionist and Fellows' Secretary <i>Haidee Carpenter</i>	39
College News	
People	43
Art at Jesus 2018-2019	48
The Chapel	52
Chapel Music	55
The Libraries and Archives	58
Books and Articles by Members and Old Members of the College donated to the Libraries 2018-2019	63
The Intellectual Forum	66
Science & Human Dimension Project – Science Fiction and Artificial Intelligence	68
Bursary	72
Development and Alumni Relations Office	75
Societies	81
Sports Clubs	97
Members' News	
People	119
Births	122
Marriages and Civil Partnerships	122
Obituaries	125
Awards & Results	157
Jesus College Cambridge Society (JCCS)	169
College History	
Archbishop Thomas Cranmer – A Further Note <i>Peter Glazebrook</i>	175



Message from the Vice-Master

Many Cambridge Colleges have permanent Vice-Masters, Vice-Principals or Vice-Presidents, but in Jesus the office of Vice-Master only comes into existence in periods when the Mastership is vacant or the Master is unable to serve. My time in this role bridges the gap between Ian White's departure at the end of Lent term 2019 to take up the position of Vice-Chancellor and President of the University of Bath and the arrival of the new Master, Sonita Alleyne, in Michaelmas. By the terms of the College Statutes the Vice-Master 'exercises and performs all the functions and duties of the Master and has all the powers and authorities of the Master (except the right of occupying the Master's Lodge)'. When I was elected Vice-Master, I was honoured, and not a little daunted, by the fact that the Fellows of Jesus had entrusted these powers and authorities to me. I was happy enough not to live in the Lodge, particularly so since the break in occupancy allowed the College's maintenance team to do some much-needed repairs and renovations. Nothing, however, had quite prepared me for what the functions and duties of a Master actually entail. I was expecting to chair committees and attend numerous dinners, but found that the job also involved such delights as walking in a procession of Heads of House to King's College Chapel, presenting awards to choristers in the Jesus Choir and opening the batting in the annual Staff v. Fellows cricket match. After one term in the role I am still reeling from the experience, amazed how much my predecessor managed to do while he was Master (I had evidently been given the powers of a Master but not the super-powers of Professor White).

I was fortunate to find the College flourishing when I took up office. The fabric of the College has been further enhanced by the construction of a new Porters' Lodge, which combines the position and character of the old Lodge with modern facilities and student pigeon-holes large enough to receive small parcels as well as letters. Plans for the major redevelopment of the College kitchens are well advanced, together with a proposal for repurposing of the Forum building to enable temporary dining halls for 18 months from June 2020 while the work takes place. The new kitchens promise to be the most sustainable and energy efficient of any Oxford or Cambridge College, with heating and cooling provided through ground-source heat pumps. The kitchen project will also improve access to Hall and Upper Hall for those requiring step-free access.

Colleges are about much more than buildings. It was very gratifying during my six months of office to see the achievements of a wide range of Jesuans, although here I can only single out a few. We were delighted that, among the Fellows, Professor Anna Vignoles was awarded a CBE in the Queen's Birthday Honours, Dr Rachel



Evans and Professor Cecilia Mascolo won major grants from the European Research Council, and seven were promoted in the University's Senior Academic Promotions round. A number of Fellows have new appointments which will take them away from Jesus: Professor Simon Redfern departs to Nanyang Technological University, Singapore, where he will be Dean of the College of Science; Dr Michael Waibel leaves us to take up a Chair in International Law in Vienna; and the Rev'd Dr Paul Dominiak will be moving across the road to Westcott House to become its Vice Principal. We are also proud of the successes of four of our Junior Research Fellows, Dr Dinwoodie, Dr Dyble, Dr Greensmith and Dr Taylor, in the very challenging academic job market.

Our pleasure in Fellows' achievements has been tempered by sadness: in the past year the College has mourned the deaths of an Emeritus Fellow, Professor David Fieldhouse, and Honorary Fellows Somnath Chatterjee and Peter Hurford. We also lost a close friend of the College and Member of the Society of St Radegund, Sir Michael Marshall. In mid-August we heard the devastating news of the death of Dr Stephen Siklos, Senior Tutor 2002-12, and President from 2017 to April 2019, when he resigned because of ill-health. As one of his last acts as President, Stephen gave the speech at Ian White's leaving dinner which is reprinted in this report.

Jesus College is particularly fortunate to have a truly exceptional cohort of staff working for the College. The development of West Court and the future Kitchen Development project have had the potential to disrupt the smooth running of the College, but through the immense dedication of all our staff we have only encountered very minor glitches. It is a pleasure to thank our former Domestic Bursar, Simon Hawkey, who did much to guide us through these times, and I wish him well in his new job closer to his home in Norfolk. His successor, Stuart Websdale has shown great skill in meeting the daily challenges which the role presents. The only criticism I can make of the College staff is that they should not feel that they need to carry their excellence in performance over to the cricket field. I am still smarting from having been bowled out for 1 by our Chef Shaun Platt.

I have greatly enjoyed meeting so many students and alumni over the course of my Vice-Mastership, and I am struck by the great affection for, and pride in, the College that they all show. It has also brought home to me the huge responsibility of the job; in relinquishing office I feel as someone who has been given a highly valuable china vase to hold – relief that I can pass it on intact. I am conscious that I have only managed to do this with the support of a number of deeply dedicated individuals, and I would like to thank here the Bursar, Richard Anthony, the Senior Tutor, Geoff Parks and the Presidents Stephen Siklos and Anthony Bowen, as well as the excellent administrators of the Master's Office, Cattie Tuson and Tracey Couch.

During the last term and over the summer I have had frequent meetings with our incoming Master, Sonita Alleyne. She will be an outstanding Master of Jesus College and I am greatly looking forward to working with her. I know that she, like me, believes it is a great privilege to serve the College; I am confident that she will discover, as I have done, that the job has innumerable pleasures, rewards and surprises. ☺

James Clackson

Introducing our new Master

The College warmly welcomes Ms Sonita Alleyne OBE, FRA, FRSA, elected 42nd Master in succession to Professor Ian White who has resigned to take up the post of Vice-Chancellor and President at the University of Bath. Sonita, a graduate of Fitzwilliam College, is a leading entrepreneur and advocate for education who is passionate about the value of creative skills. She was co-founder and former CEO of Somethin' Else Sounds Directions Ltd, the largest independent producer and syndicator of television and radio programmes in the UK.

Since 2008 she has been widely active – fostering skills and opportunities for the young in the creative arts, while holding major posts in the maintenance of standards in broadcasting. Sonita was awarded her OBE in the Queen's 2004 Birthday Honours List for services to broadcasting. She is winner of The Excellence Award from the European Federation of Black Women Business Owners, and the Carlton Multicultural Award for Radio and Television.

She has said that she intends to put student welfare at the forefront of her service to the College; it is clear to her that “happy people do well”. At the same time, she is keen to learn more about the research of graduate students and Fellows, and to reach out to alumni. Key to her vision of the Mastership is enabling students to discover their agency in creating employment opportunities for themselves; she hopes to foster mentoring schemes to help students as they seek careers. On admissions to Cambridge, she stresses the importance of making it known that “this is a place where you can apply”, and she has praised the work of our student ambassadors.

Sonita was born, the youngest of three children, in Bridgetown, Barbados in 1967. Brought to the UK at the age of three by her parents, she missed the sound of the crickets and marvelled at how steep the stairs in England were. The family settled in the east London borough of Walthamstow. Her father worked as a civil servant and her mother as a nurse; they instilled in their children a characteristically Bajan commitment to education, ideas, argument and opinion. As a student at Leyton



Photo: Damian Paul Daniel

Senior High School for Girls a local comprehensive with routine inner-city deprivation problems, she developed an early enthusiasm for computer science. Sonita played violin for the borough's orchestra, progressing to the viola, as she liked the deeper sound. She was notable at school, she says, as an organiser, which sometimes got her into trouble. Her management of a major snow-ball fight against the local boys' school led to a suspension, owing to the fact that on returning to school after the lunchtime escapade, her head teacher noticed her covered from head to foot in snow. Noting her analytical gifts, her sixth form Economics teacher Gerald O'Connell recommended she read Bertrand Russell's *The Problems of Philosophy*. He encouraged her to apply to Cambridge. She was one of three girls to gain Cambridge places from her school in 1985.

Sonita came up to Fitzwilliam where she intended to read philosophy before moving on to computer science. Supervised by the Australian philosopher of mind, Jenny Teichman (who died in 2018), she stayed with philosophy for Part II of the Tripos. Mary Warnock taught her ethics. Sonita says: "I loved the impact she made, bridging the gap between philosophical theory and policy".

Having grown up listening to her father's Blues collection and spending her teenage years immersed in London's pirate radio scene, at Cambridge Sonita felt that no one liked "her music". However, she soon found herself developing a love of jazz and film; one of her favourite movies, which she first watched at the Cambridge Arts Cinema as an undergraduate, is *Stop Making Sense* by Jonathan Demme. She also made a start in journalism, writing for the CUSU magazine. Talking of her university days as a period when she first grasped the relationship between aspiration ("seeing things you could possibly do"), and inspiration ("being fired up to pursue one of them"), she says: "I left Cambridge thirty years ago, but it never left me".

After graduation, she lived in a slug-infested house in Brixton and worked briefly as a "cold call" salesperson for an insurance company, an experience, she says, that was valuable for her future ability to "make a pitch". But her aspiration was to work in the music world. She worked for *JazzWise*, a magazine and jazz education business, and as a journalist for *Straight No Chaser* magazine, before joining radio station "Jazz FM" as information officer.

During the 1991 recession, Alleyne was made redundant. "It's good to have a Master who's signed on", she observes wryly. But she wasn't on the dole for long. Together with former colleagues Jez Nelson and Chris Philips, who had also lost their jobs, she founded the production business Somethin' Else, named after the jazz album by Cannonball Adderley. They each put in £500 to set up the company and their first office was a room above a kebab shop. Sonita, as CEO, produced many of the early programmes and projects, including Festival FM, a radio station linked to the Edinburgh Festival which launched the presenting careers of comedians such as Jo Brand, Steve Coogan and Graham Norton. The station also gave 200 volunteers – students, local radio enthusiasts and the unemployed – access to roles in the media. She says that she learnt her business craft as she went along and credits the success of the enterprise to identifying and recruiting producers and performers with original creativity, matched by a drive to acquire an in-depth knowledge of potential audiences.



Photo: Damian Paul Daniel

Sonita with her partner James McCarthy

Eventually Somethin' Else would distribute shows to more than 200 radio stations in 65 countries, some of the programmes, like "Jazz on 3" going out 52 weeks of the year. It would establish itself as one of the UK's most successful, artistically-driven, diverse, and highly creative independent production companies. Sonita stepped down as CEO in 2008, remaining as non-executive director; she was succeeded by her fellow founder Jez.

Her interests now expanded into a wide range of public service contributions to education in skills and creativity, including membership of the Court of Governors at the University of the Arts London, and trusteeship of the Islington Arts and Media Trust. A common strand that runs through her wide-ranging activities is her determination to unlock student potential from early school level to university. In 2011 she founded the Yes Programme, an online service that helps inform primary school children about possible career paths, and she has served on the UK Culture Committee for UNESCO, the London Skills and Employment Board, and the National Employment panel which contributed to the Government Department of Work and Pensions.

In November 2012 Sonita was appointed a member of the BBC Trust, the governing body of the Corporation. Her initial contract was for a four-year period, but she was retained for a further year. Lord Patten, chairman of the Trust, said on

her appointment: “Sonita has vast experience of the independent radio production sector, bringing with her an intimate knowledge of what audiences want, as well as insight into how the BBC operates alongside the wider market. Her energy, enthusiasm and perspective will be a real asset to the Trust.” It was a time, she says, when the Trust was dealing with many challenging issues, not least the Jimmy Savile affair, Charter renewal and coverage of Brexit. Sonita has also chaired both the national arts charity Sound and Music and the Radio Sector Skills Council.

This year she has been appointed Chair of the British Board of Film Classification. She is currently on the Board of Directors of the Cultural Capital Fund, and is a Governor of the Museum of London.

Sonita says that she hopes to see the lodge as a family home with her partner, the screen writer James McCarthy, and their fifteen-year old son Miro. Her ideal of relaxation is a “lazy day” with family and friends; walking, oil painting and ceramics classes. She belongs to a creative writing group and her favourite author is Annie Proulx, especially her *Brokeback Mountain* collection. Every year she re-reads Michael Ondaatje’s debut novel *Coming Through Slaughter*. Her favourite film is *Bagdad Café*; “its humanity makes me happy,” she says, “and I love the main tune on the sound track”. Her current listening includes the Art Ensemble of Chicago – “Message to our Folks”, Cassandra Wilson – “Days Aweigh”, and Roni Size – “Reprazent.” She says that she rarely takes holidays, but that France is her favourite destination. She doesn’t crave many luxuries, but she would like to own a Morris Minor – preferably electric. ☺

John Cornwell & Mary Laven

A Farewell to Professor Ian White and Margaret

It is well known that Ian's credentials as a Jesuan are robust. He came up in 1977 as Ian undergraduate Engineer from the Royal Belfast Academy, and Jesus College must have seemed very strange after Northern Ireland in the midst of the troubles. Not strange enough though to stop him graduating in 1980 with a first and a Keller Award, our top academic prize. He went on to do his PhD, also at Jesus.

After that he was elected by the College on no fewer than four separate occasions, surely an unbeatable all-time record. On the first occasion, he was elected to a Research Fellowship. This was followed by a class A Fellowship (as we call it now) when Ian became a University lecturer, then again he was elected to a Fellowship in 2001 on his return to Cambridge to take up the van Eck Professor of Engineering, after holding chairs in Bath and Bristol.

Then, eight years ago, Ian was elected to the Mastership.

The final stage was an ordeal before the Society, taking the form of an interview in Upper Hall in front of all the Fellows. Among the questions was this: "Why do you want the job?" Not the most penetrating of questions, one might think, but he mulled it over before replying diffidently, but with what we now recognise as his usual care, that he had benefited so much from the College, both as a student and as a Fellow, that he would like the opportunity to give something back.

My immediate reaction was: Well, that's not going to get him elected. He should be saying in ringing tones "I'm going to make Jesus College great again", or, at the very least, "I want a building named after me". But our Fellows are a discerning lot and the consensus was not only that Ian meant what he said, but also that he would do what he had said he would do. And so it has proved; in fact, I doubt if anyone could have given more back than he has.

The staff in the office, Cattie and Tracey, tell me that he has routinely chaired 14 College committees, as well as Council and Society meetings, which means – since he has almost never missed one – that Ian has chaired about 400 committee meetings in his time as Master.

He also aimed to meet every single student, graduate and undergraduate, at least once; which means that he has met more than 2,000 students in total. I have often noticed that Ian seemed to know the final year students in mathematics, my own subject, better than I do.

We all know the amount of time and care Ian, often with Margaret, put into alumni relations, including trips to distant outposts of the Jesuan empire. I remember an occasion when a Jesuan proposed to visit me with his son, coincidentally just after his son had applied to read mathematics here. I was unfortunately otherwise engaged, but Ian offered to see him himself. In the closest thing to a complaint about his lot that I have heard him utter, Ian said with a tinge of sadness that it would otherwise have been his only night off in the next twenty nights.

Ian has taken a friendly interest in the College staff, often enquiring about their



work and their families, always writing personally to thank them for their work on special occasions.

And Ian was always there. Whenever I attended a concert, he and invariably Margaret were always there. There at lectures and conferences in the Frankopan, at services in the chapel, and in the paddock for the bumps. Once I inadvertently cycled near a rugby match on the College playing fields and there he was!

A great triumph of Ian's Mastership has been West Court. This was not just another building project among other projects. We had first to secure the land that would complete our historic boundary. Then we had to decide what to do with it, from almost a *tabula rasa*. It required much discussion, consultation and negotiation, all Ian's great strengths, to arrive at the multi-award winning facility that now graces our site. It may not immediately have made Jesus College great again, but it had certainly put us on the map as a venue for major conferences. The excellent new facilities for students may well have played a role in attracting this year's bumper crop of undergraduate applicants. West Court is a monument to Ian's Mastership.

Finally, we all know what a huge support Margaret has been to Ian. Besides being Ian's rock, and besides offering constant friendship to our entire community, Margaret has made discreet but substantial contributions in many concrete and personal ways in the College, not least by chairing The Fortieth Committee, so appropriate as Margaret matriculated here in 1979 amongst the first female undergraduates. *

Stephen Siklos

Fellows and Other Senior Members

2018-2019

Master

Professor I H White FREng

Vice-Master

Professor J P T Clackson

Fellows

Dr S T C Siklos (President)	<i>Mathematics</i>
Professor P H Nolan CBE	<i>Chinese Management</i>
Professor I Paterson FRS	<i>Chemistry</i>
Professor M L S Sørensen	<i>Archaeology</i>
Dr G T Parks (Senior Tutor)	<i>Engineering</i>
Professor J M Soskice	<i>Theology</i>
Dr R Mengham	<i>English</i>
The Rev'd Dr T D Jenkins	<i>Theology</i>
Professor R Cipolla FREng	<i>Engineering</i>
Dr S Fennell	<i>Land Economy</i>
Professor D I Wilson ScD CEng (Acting Dean of College)	<i>Chemical Engineering</i>
Dr J W Ajioka	<i>Medicine</i>
Professor S A T Redfern	<i>Earth Sciences</i>
Professor J P T Clackson (Fellows' Steward, Brian Buckley Fellow in Classics)	<i>Classics</i>
Professor M R Laven	<i>History</i>
Dr T S Aidt	<i>Economics</i>
Professor T D Wilkinson (Graduate Tutor)	<i>Engineering</i>
Dr V Mottier	<i>Social & Political Sciences</i>
Dr F M Green	<i>English</i>
Professor J A Dowdeswell (Brian Buckley Fellow in Polar Sciences)	<i>Physical Geography</i>
Professor N G Berloff	<i>Mathematics</i>
Professor S Clarke (Ron Davies Fellow in Natural Sciences)	<i>Chemistry</i>
Dr W Federle	<i>Biology</i>
Dr B Walton (Dean of College)	<i>Music</i>
Professor O A Scherman	<i>Chemistry</i>
Dr R E Flemming (Tutorial Adviser)	<i>Classics</i>
Dr C E Chambers	<i>Philosophy</i>
Professor J J Baumberg FRS	<i>Physics</i>
Professor G N Wells	<i>Engineering</i>

Professor D J Kelly (Keeper of the Plate, Financial Tutor)	<i>Social & Political Sciences</i>
Dr C M Burlinson (Vivian Cox Fellow in English, Secretary to Council, Admissions Tutor)	<i>English</i>
Dr B M B Post	<i>Linguistics</i>
Professor A H Brand FRS	<i>Biology</i>
Dr M J Edwards (Deputy Graduate Tutor, Keeper of the Old Library, Gurnee F Hart Fellow in History)	<i>History</i>
Professor K S Lilley	<i>Chemistry</i>
Professor C Mascolo	<i>Computer Science</i>
Professor C-B Schoenlieb	<i>Mathematics</i>
Dr R Morieux	<i>History</i>
Mrs A Künzl-Snodgrass (Tutorial Adviser)	<i>MML (German)</i>
Dr R Reich	<i>MML (Russian)</i>
Dr M Waibel	<i>Law</i>
Dr F G Stark	<i>Law</i>
Dr S Schnall	<i>Psychology</i>
Dr M Landgraf	<i>Zoology</i>
Dr M T Conde	<i>MML (Spanish/Portuguese)</i>
Dr D A Cooper (Curator of Works of Art)	<i>History of Art</i>
Dr T Savin	<i>Engineering</i>
Professor S J Colvin	<i>MML (German)</i>
Dr T J Hele	<i>Theoretical Chemistry</i>
Professor A Vignoles	<i>Education</i>
Dr S V Stinchcombe	<i>Medicine</i>
Professor V M P M D Carvalho	<i>Economics</i>
Professor K A Steemers	<i>Architecture</i>
Dr Y Peleg	<i>AMES (Modern Hebrew Studies)</i>
Dr M Harper	<i>Pharmacology</i>
The Rev'd Dr P Dominiak (Dean of Chapel, Tutorial Adviser, Praelector)	<i>Theology</i>
Dr U Schneider	<i>Physics</i>
Dr C Fenton-Glynn	<i>Law</i>
Dr D Nally (Tutorial Advisor)	<i>Geography</i>
Dr S Stacpoole (Assistant Graduate Tutor)	<i>Neurology</i>
Dr H Williams	<i>Earth Sciences</i>
Dr V Silvestri	<i>Mathematics</i>
Dr H Taylor	<i>History</i>
Professor E Benvenisti (C.C. Ng Fellow in Law)	<i>International Law</i>
Professor P J Williamson	<i>Management Studies</i>
Dr S Dutton	<i>Physics</i>
Dr S Andres	<i>Mathematics</i>
Dr J Green	<i>Social & Political Sciences</i>
Dr M Elliott	<i>Economics</i>

Dr J Huppert (Director of Intellectual Forum)	
Mr R Pinel (Director of Music)	
Dr R F Anthony (Bursar)	
Dr J Dinwoodie	<i>History</i>
Dr L Tagliapietra	<i>Classics</i>
Dr M Dyble	<i>Biological Anthropology</i>
Dr A J Grant	<i>Veterinary Sciences</i>
Dr J A Linebaugh	<i>Theology</i>
Dr J Berenbeim	<i>English</i>
Dr E D Robson	<i>History</i>
Dr E M Greensmith	<i>Classics</i>
Dr N Amin	<i>Computer Science</i>
Ms E Williams (Director of Development & Alumni Relations)	
Dr J Bellingham (Tutorial Adviser)	<i>Physics</i>
Mr J Grower (Yates Glazebrook Fellow in Law)	<i>Law</i>
Professor J Danesh	<i>Medicine</i>
Dr R Evans	<i>Natural Science</i>

Emeritus Fellows

Dr C J Adkins CPhys FInstP	
Dr J A Hudson	
Dr J E Roseblade	
Professor M J Waring ScD FRSC	
Dr W C Saslaw	
Mr P R Glazebrook MA	
Professor J T Killen PhD FBA	
Professor S C Heath LittD	
Professor P D A Garnsey PhD FBA	
Dr S B Hladky	
Dr D E Hanke	
Dr M R Minden	
Mr N Ray MA ARIBA	
Professor J B Thompson	
Dr J R Howlett (Tutorial Adviser)	
Dr G C Harcourt AC LittD FRSN FASSA FAcSS	
Professor D K Fieldhouse LittD FBA	
Professor W J Stronge	
Dr R D Bowers	
Professor Lord Renfrew of Kaimsthorn MA ScD HonDLitt FBA (Honorary Fellow)	
Professor R Freeman ScD FRS	
Dr M C P Oldham	
Professor J Soskice	
Professor D A S Compston CBE FRCP FMedSci FRS	
Professor M M Arnot FAcSS	
His Excellency Judge J R Crawford AC SC FBA (Honorary Fellow)	

Professor Sir Bruce Ponder FRCP FRS
Dr A J Bowen MA
Professor J C W Mitchell
Professor J M Bacon
Mr S J Barton MA
Professor Lord Mair CBE FRS FREng (Honorary Fellow)
Professor H le B Skaer
Mr R J P Dennis MA

Honorary Fellows

Professor P W Anderson MA FRS
Sir Samuel Brittan MA HonDLitt
Miss Jessye Norman MMus HonMusD HonDHL HonRAM
The Hon A R Gubbay MA LLM SC HonLLD
Lord Renwick of Clifton MA HonLLD HonDLitt FRS
Professor Lord Rees of Ludlow Kt OM FRS HonFREng FMedSci
Professor R F Tuck MA FBA
Professor Dame Sandra Dawson DBE MA FIPh FCGI HonDSc CIM
Sir David Hare MA HonLittD FRSL
Sir Antony Gormley OBE MA HonLittD
Reverend Professor B W Silverman MA PhD ScD FRS
Lord Watson of Richmond CBE MA FRTS
Professor Lord Renfrew of Kaimsthorn MA ScD HonDLitt FBA (Emeritus Fellow)
Dr P J Hurford OBE MA MusB FRCO
Mr M Perahia FRCM
Professor K E Wrightson MA PhD FBA FRHistS
Professor E S Maskin FBAHon MAHon DHL
Professor T F Eagleton MA FBA HonDLitt
The Rt Hon Lord Justice Jackson PC
Mr J A O'Donnell MA KCSG FRCO FRSCM FGCM FRCM
Sir David H Wootton
Sir Colman Treacy
Sir Richard Long RA CBE
His Excellency Judge J R Crawford AC SC FBA (Emeritus Fellow)
Professor Robert Evans FLSW FBA
Sir Jonathan Ive KBE
Professor Lord Mair CBE FRS FREng (Emeritus Fellow)
Professor Sir Alan Fersht
The Rt Hon Lord Justice Irwin PC
Professor Roberta Gilchrist DPhil FSA FBA
Alison Wilding RA
Dr Belinda Wilkes

St Radegund Fellows

Mr J W Hudleston
Mr R P Kwok MA (1972)
Mr P J Yates MA (1978)
Mrs S J Yates MA (1980)
Mr B N Buckley MA (1962)
Ms J M Sainsbury MA (1989)
Professor P J A Frankopan MA (1990)
Dr L Rausing
Professor P Baldwin

Fellow Commoners

Mr J Cornwell MA HonDLitt FRSL (Editor of the Annual Report)
Professor B A K Rider PhD Hon LLD
Dr S S Saxena
Dr P Taneja
Rev Dr J Leach
Dr J Filling
Dr J Hirst (Acting Admissions Tutor)

Teaching Bye-Fellows

Dr G L Taylor
Dr M-C Clemente
Dr V Kotsidis
Dr A-E Schmidt
Mr J Spray

Lector

M. B Enfrein *French*

OJM CPDAs

Dr E Camm
Dr T Yunusov
Mr M Stopher
Dr C Markou
Dr J Perry

College Post Doctoral Associates (CPDA)

Dr G Di Martino
Dr E Key Fowden
Dr C Tobin
Dr H Becker-Lindenthal
Dr F Day
Ms T Harte
Dr C Jeppesen
Dr E Coker

Dr S Saxena
 Dr S Servia-Rodriguez
 Dr J Woitkowitz
 Dr M Young

Senior Research Associates (JC SRA)

The Rt Hon A Mitchell MP
 Dr S Steele
 Mr J S Cornwell
 Dr M Al-Hada

Society of St Radegund

Charles Rawlinson (1952)	Christine Jennings
Geoffrey Granter (1957)	Albert Goh (1990)
Eric Robinson (1942)	D G Marshall of Cambridge Trust
David Bennett	David Hibbitt (1962)
Firdaus Ruttonshaw (1968)	Susan Hibbitt
Gurnee Hart (1994)	Stephen Heath (1964)
Andrew Sutton (1965)	Bob Rao (1972)
Christopher Rodrigues (1968)	Kay Ian Ng (1986)
Alasdair Morrison (1968)	James de Uphagh (1985)
Tomás Carruthers (1986)	Edward Ma (2000)
Richard Briance (1971)	Kay Ashton (1982)
Michael Marshall (1952)	James Ashton (1982)
David Woottton (1969)	John Sheldrick (1967)
Patrick Wilson (1974)	Sandy Rattray (1988)
Peter Day (1968)	James Marshall (1986)
Charles Hoare Nairne (1989)	Duncan Martin (1987)
Martin Clarke (1975)	Andrew Harbor (1975)
Adrian Frost (1976)	John Dugdale Bradley (1961)
Ron Davies (1953)	John Driscoll III (1983)
Tony Thorne (1958)	James Rudolph (1965)
Michael Booth (1959)	Wang Minming
Paul Burnham (1967)	Gavin Stark
Christopher Kirker (1969)	Emily Winslow Stark

Articles



JESUS COLLEGE CAMBRIDGE
Founded A.D. 1496
by John Alcock, Chancellor of England

In Care of the State

Véronique Mottier

Our Fellow in Human, Social and Political Sciences, and Professor in Sociology at Université de Lausanne, explores Victim Narratives and “Reparative Justice”

A key feature of the modern state as it evolved in Western countries in the course of the 20th century is that it is meant to act as a safety net ‘when things go wrong’, for example, when citizens fall ill, become disabled, or suffer from extreme poverty for other reasons. Historically, citizens who found themselves in critical situations such as these together with their children were sometimes no longer recognised as ‘proper’ parents. Against this backdrop, between the 1830s and 1970s, tens of thousands of children were deported from the United Kingdom to Canada, New Zealand, Australia, and then-Rhodesia (today’s Zimbabwe) without their parents, to give them a ‘better life’. The United States similarly sent children from its large cities to the ‘healthier’ countryside on so-called ‘orphan trains’ between the 1850s and 1920s. And yet, many of these ‘relocated’ children were not actually orphans. The transports included children born out of wedlock, or from divorced or widowed parents. They also came from families that suffered poverty following disability or illness of the breadwinner, or who had become homeless. Most deported children were under the age of ten, and some were only toddlers. They were placed in the countryside with foster parents, in ‘farm schools’ where they were meant to learn ‘healthy’ farming skills, or immediately put to work on building sites or working farms for the boys, or in domestic service for the girls. The agencies that sent them, and the politicians who called for these relocation schemes, invariably portrayed these as a wonderful opportunity for rescuing the children from their unhealthy inner city life on the streets, and from their own ‘inadequate’ families. Indeed, the latter were routinely stigmatised for having caused their own poverty. The children would thrive in their new environments, it was claimed, where they



would receive ‘oranges and sunshine’ aplenty (the title of a recent critical movie about the British deportation of children to Australia). The reality was different, however: many of the exported children found themselves on arrival in their new homes simply treated as free labour. Most never saw their parents or siblings again, and some ended up being abused by their so-called hosts.

Obsessions with ‘racial purity’ played an important role in some of these programmes. For example, whereas Australian authorities were generally happy to receive white children from the UK, they also set up their own child removal programmes which took mixed-race children away from Aborigine families to place them in state institutions, as part of an attempt to ‘improve’ their racial quality through contact with white society, although in a subordinate position (1910s-1960s).

Recent decades have seen the scandal of these historic child removal programmes come to light in many different countries: the ‘stolen generations’ of ‘racially impure’ aboriginal and Torres Strait Island children in Australia; the English inner-city kids who were deported overseas on the grounds of extreme poverty;

and the vast numbers of 'lost children' taken away from political prisoners in Franco's Spain, Pinochet's Chile or Videla's Argentina for state-sanctioned illegal adoptions in the 1970s and 1980s.

My current research focuses on the much less well-known case of Switzerland. As in the US, state authorities in Switzerland placed tens of thousands of children away from their families, from the 19th century up to the 1970s. They were put up for adoption without the knowledge or consent of their unmarried mothers, placed in State- or Church-run children's homes where they received little education and were put to work in the fields, or placed directly with farmers' families as cheap labour. In addition, at least 60,000 individuals over the age of 16 considered 'immoral' or 'undesirable' spent years in so-called 'administrative internment', a form of imprisonment which did not require any legal judgment, and therefore knew no right of appeal. In other words, citizens who had committed no crime were imprisoned in one of the hundreds of forced labour or correctional institutions that existed for this purpose, in psychiatric institutions, or actual prisons for having transgressed the social rules of the time. The reasons for internment were diverse. The administrative internees included teenage

girls who had become pregnant, young men who were suspected of homosexual inclinations, alcoholics, care survivors who had complained about sexual abuse from care home personnel or priests, and offspring from families who were labelled as 'work-shy' or 'undisciplined' by the local authorities.

Since the 1990s, former victims of these practices have been calling for official recognition of the historic injustices committed in these programmes, and State-funded critical studies have appeared which back up their claims of widespread economic exploitation, physical and emotional mistreatment, and sexual abuse while they were in care of State or State-sanctioned institutions such as Church orphanages or psychiatric clinics. Some victims were heavily medicated or forcibly sterilised without their consent, or had their babies taken away from them for forced adoption. In 2010, the Swiss government expressed its official apologies to the victims of administrative internments and in 2014, the Swiss parliament recognised that their incarceration had been an injustice. In 2013, the then-President Simonetta Sommaruga also apologised to the victims of compulsory child placements. In addition, the Swiss State has granted financial compensation to victims of administrative internment as well as forced child placements, in the form of a



Fairbridge Farm Schools, Australia (source: fairbridgekids.info)

symbolic sum of a little over £20,000 for each individual.

State-funded research, official apologies and individual financial compensation are stock tools of processes of 'reparative justice', where the State attempts not to 'undo' past wrongs that have been committed, but to at least recognise that these have existed, as a way towards a more inclusive future. In other words, through the critical reappraisal of the past relationship between the State and its citizens, it is their future relationship which is at stake here. The ultimate aim of processes of reparative justice is thus not so much to 'repair' the traumatised victims, but justice itself.

The aim of my current study is to explore the views that the victims themselves have of these forms of reparative justice. How have they experienced this slow recognition of historic injustices? What are the positive and negative points of processes such as these? I look forward to exploring these wider questions with our Law Fellow Dr Claire Fenton-Glyn, who is an expert on children's rights and a consultant on this project.

More precisely, in my Swiss case study, I am not studying the victims in general, but a subgroup amongst them: those who became activists, and without whose tireless lobbying efforts over the past three decades these historic State-sanctioned practices would have continued to be part of the collective silence and forgetfulness which had characterised them until recently. Indeed, even within Switzerland, few people (apart from the victims) acknowledged or were even aware that these practices had existed, let alone so recently.

Against this backdrop of collective amnesia, personal experience narratives produced by victims in the form of media interviews, in documentaries, or in the form of autobiographies (often ghost-written, since many of them never learned how to read or write properly while in care) played a very important role in triggering public debate on this topic. As a sociologist, in my own study, I try to reconstruct the political trajectory of these 'victim-narratives', from individual storytelling to collective transformation, and the views of 'victim-activists' of the outcomes of this process. I thus spent 20 days of the past academic year travelling all over Switzerland, to



Memorial stamp, Canada
(source: Child Migrant Trust)

conduct long interviews with French- or German-speaking victim-activists in their local villages or towns, together with my research assistant Mairena Hirschberg. My study brought me to the home of a member of the Jenish community (a Swiss travellers' community whose children, including herself, were systematically taken away from their parents until the 1970s), who is nowadays a dog whisperer; and to that of a near-blind woman in her late 70s who had been taken away from her unmarried mother as a baby for forced adoption, then put into administrative internment and sterilised following her own teenage pregnancy. The interviews were emotionally taxing, both for them and for me, given that these individual stories are invariably harrowing. Of course, not all children taken into care suffered abuse, but those who had perhaps happier childhoods than they might have had at home are unlikely to become activists on this topic. And yet, that should not make us forget that even today, the levels of physical and mental illnesses amongst care survivors more generally are shockingly high, and the individuals that I interview for my study are no exception. In this sense, the word 'care survivors' needs to be taken in the most literal sense of the word. This also explains the sense of urgency that my interviewees felt at seeing their personal stories expressed and preserved. They are well aware that they speak for all of those others who died prematurely, or who do not have the strength to speak out. Their activism has given a new meaning to their lives, and in some cases, belated fulfilment. As a researcher, I feel that it is a privilege to hear their stories. ♡

Could an AI Machine Write a Novel?

John Cornwell

John Cornwell, Director of the Science & Human Dimension Project at Jesus, considers the potential of “artificial imagination”

The game Go, which has a history of three thousand years in China, is played on a board with counters, or stones, black and white. The aim is to defeat one's opponents by surrounding their territory. Metaphorically the loser is choked into submission by the winner: strangled. At a match held in Seoul, South Korea, on 12 May 2016, the world Go champion, Lee Sedol, observed by hundreds of supporters, and millions of spectators on television, slumped in apparent despair on being defeated by his opponent: a machine.

Go is a board game like no other. It is said to reflect the meaning of life. There are a prodigious number of potential moves, more, it is said, than all the particles in the known universe. Serious Go players train virtually full time from the age of five; they think of the

game as an art form, and a philosophy, demanding the highest levels of intelligence, intuition, and imagination. The champions are revered celebrities. They speak of the game as teaching them “an understanding of understanding”, and of original winning moves as “God moves”.

Lee's face, as he lost the third of five games, and hence the match, was a picture of sorrow. It was as if he had failed the entire human race. He was beaten by AlphaGo, a machine that works on deeply layered neural nets that mimic the human brain and nervous system. The engineers and AI experts who created the machine admit that they do not understand how the machine's intuition works. If melancholy is a consequence of loss, what was mourned that day was the demise of



Lee Sedol, World Go Champion



DeepMind CEO, Demis Hassabis

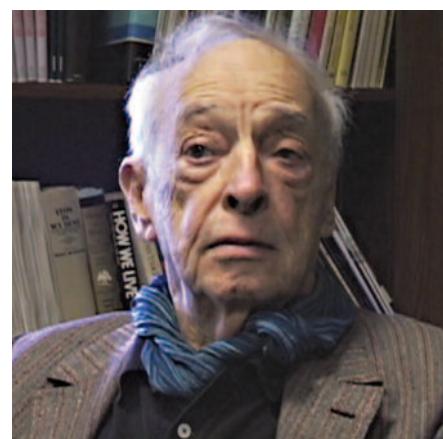
something uniquely special about human nature.

The machine was designed at the AI research lab DeepMind, a subsidiary of the powerful Google corporation. DeepMind's spokespersons say that this is just the beginning: they liken their research programs to the Apollo moon-shot, or the Hubble telescope. The company has recruited seven hundred technicians, of whom four hundred are post-doc computer scientists. They look ahead to the day when AI machines will be employed to solve the most impenetrable and recalcitrant problems in science, health, the environment ... the Universe.

The event in Seoul prompted unusual consternation among those who wonder whether we will one day be slaves, let alone inferior, to our machines. Shocking, to some at least, AlphaGo's makers claimed that the machine had exhibited a form of "imagination". Demis Hassabis, CEO of DeepMind, explained recently to an audience of people in the Humanities at Jesus College that the machine was imaginative in that it could model future scenarios and the consequences of those scenarios at prodigious speeds and across a broad span of combinations, including its opponents potential moves. Furthermore, the operation of the neural nets meant that its "imagination" and "memory" are dynamic, productive; unlike traditional computer memory which is inert, passive, programmed.

The idea of Artificial Imagination has given impetus to the six conferences held at Jesus over the past three years, as the Science & Human Dimension Project explored the implications of AI for the arts and society. Not surprisingly our deliberations prompted the question: will AI systems one day compete with and outstrip human artistic imagination?

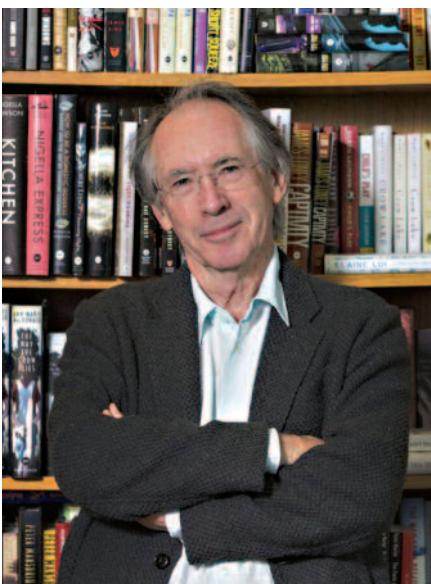
Saul Bellow's *Humboldt's Gift*, published in 1976, reveals a telling perspective on the angst prompted by the "artistic" challenge posed by the machine. A poet's imagination is contrasted in the novel with the overwhelming power, weight and ever increasing success of America's industrial-technological complex: "Orpheus moved stones and trees", comments Charlie Citrine, the novel's first person authorial voice, "but a poet can't perform a hysterectomy or send a vehicle out of the solar system". Citrine, speaking of the brute power of technology, comments that poetic imagination has become a "a church thing, a school, thing a skirt thing". Not only does technology overwhelm the power of imagination, it reduces it to paltriness. Citrine's friend, the poet Humboldt, based on the real life Delmore Schwartz, strives to prove that imagination, in its power to "free and to bless humankind", is "just as potent as machinery". His melancholy at the virtual impossibility of the challenge, the rivalry with technology, drags him down into alcoholism and clinical depression: melancholia. The stakes, however, would now seem even higher. Is Humboldt's imagination, Humboldt's gift, no longer a gift exclusive to human beings?



Saul Bellow

In his recently published book, *The Creativity Code*, Marcus du Sautoy, Oxford's Professor of Public Understanding of Science, reports on bids to employ Artificial Intelligence in a variety of creative arts. There have been questionably successful *attempts* at music – imitative of J.S. Bach; some bland paintings, and even the odd poem – where the keynote is obscurity. But the art of writing even a reasonable short story appears to have defied any AI system to date, unless the coder has cheated by having more input than authentic AI allows. The AI systems are supposed to have minds of their own. He concludes that “novelists are not likely to be put out of a job any time soon”. If human higher order consciousness, and imagination, are sufficient and necessary conditions of the novelist's art, an AI novel must await a fully conscious AI system. As du Sautoy puts it: “Until a machine has become conscious, I do not think it will be any more than a tool for extending human creativity”.

The point is emphatically and entertainingly made in Ian McEwan's new novel *Machines*



Ian McEwan

Like Me. In a bid to be creative, and win the heart of Amanda, the novel's love interest Adam, the novel's sophisticated AI system, can only manage banal Haikus, rather than the human crafted novels that win her heart. Imagination, “fleeter than history . . . and technological advance” outstrips unconscious intelligence.

The idea of independently intelligent machines has stimulated creative imaginations for centuries, from the story of Prometheus, to the early modern legend of the Jewish Golem, to Samuel Butler's novel *Erewhon*, Mary Shelley's *Frankenstein*, leading to the explosion of 20th century science fiction and notable novelists such Brian Aldiss and Philip K. Dick. In parallel, AI has proved a crucial theme, utopian and dystopian, in film. The 1956 movie *Forbidden Planet* saw the appearance of loveable robot Robby, with an in-built morality; Ridley Scott employed a range of AI systems in *Prometheus*, *Blade Runner*, and the *Alien* franchise; and Alex Gardan's conscious sex bot in *Ex Machina* exhibited dangerous allure as well as a lethal power to deceive.

My current favourite in the field of literary fiction is Adam Roberts's philosophical horror tale, *The Thing Itself* (2015), in which he plays with the Kant's problem of seeing the world in itself, as opposed to mediated through the senses. His AI system has the capacity to perceive reality for what it is, and finds it abhorrent and terrifying.

Meanwhile, the inherent problems raised by devising a novel free of consciousness or an element of human program, failed to dissuade one notable AI fiction pioneer. The very first novel claimed to be “written in English” entirely by an AI system, involving cameras, clever algorithms and microphones, was published in November 2018. Devised by an American techie, Ross Goodwin, and titled *1 The Road*, the system follows the route of Jack Kerouac's *On the Road*, it has not done well. At the time of writing it stands at 2,326,329 on Amazon. ♡

The Remarkable Reverend John Eliot

James Rudolph

*An Old Member pays homage to a Jesus Yank
in Early Colonial New England*

On the Jesus College website, the Reverend John Eliot (1604-1690) is described among alumni notables as a “Puritan missionary who translated the Bible into the Algonquian language and was called The Apostle to the Indians”. He sent a signed copy of the Bible from colonial Massachusetts in 1658 to the College. It was the first Bible, and the first major book, to be printed in America. A few years earlier, Eliot participated in editing and publishing the *Bay Psalms* (alluding to the Massachusetts Bay colony), the first book to be printed in North America.

Eliot’s adventure in America began in 1631, nine years after leaving Jesus College. His lasting legacy was to establish public education – schools and colleges in New England. He was the leading Christian missionary to the local Indians. His Bible, translated phonetically with English characters into the local Algonquian dialect, was a remarkable intellectual undertaking as well as one of the first scholarly activities in the colonies. He was a founder of Harvard, America’s first college, and, earlier, founded and became principal of the Roxbury Latin School, North America’s oldest public school. As a theologian, he wrote and published some fifty tracts in Massachusetts and in England. He was involved in purchasing, importing and installing the first and second printing presses in the American colonies.

Early in his ministry he was involved in town-and-country planning (early American real estate development). He planned the new town of Roxbury and later organised and developed fourteen settlements, known as Indian Towns, for members of Algonquian tribes that had converted to Christianity in metropolitan Boston. He was a vocal spokesman against mistreatment and enslavement of the indigenous people, a progressive social policy at the time. He was



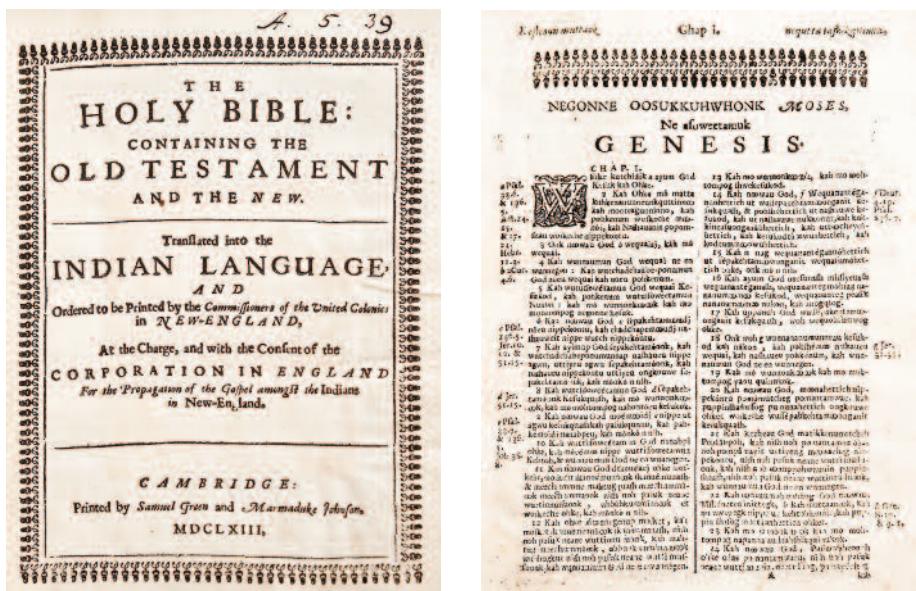
John Eliot (1604-1690)

attentive to the needs of underdogs, a common Yankee virtue.

John Eliot, was born in Hertfordshire in 1604 and raised in a prosperous family in Essex. He matriculated at Jesus College in the Spring of 1618. His first full year at Jesus was 1619. He graduated in 1622 as a committed Non-Conformist clergyman in the making. He preached in East Anglia, which was a hotbed of followers of Robert Browne the dissenter or separatist from the Church of England, and associated himself with older, more established Puritan clergymen, including Thomas Hooker who became an early religious leader in Massachusetts, and a founder of Connecticut.

The Massachusetts Bay Colony was a Puritan theocracy, a veritable incarnation of the Biblical “City on the Hill”. There were Non-Conformist meeting houses, counting houses, alms houses and school buildings – constituting communities carved out of the forests and the wild.

Living in England during the reign of



Jesus College Old Library copy of John Eliot's translation of the Bible into Algonquian (Cambridge, Mass. 1663)
(left) Title page; (right) Genesis 1.1-24

Charles I was not an easy time for determined Calvinists, most of whom were uncomfortable with the established Church and the royal entourage. As the English Civil War loomed in the country-side, many Puritans departed for America.

Jesuans were prominent in the early exodus. First was Rev. Francis Higginson, as minister to Salem (1629), the first Puritan settlement in the colony, pre-dating the founding of Boston a year later. Eliot arrived in Boston in 1631, then moved on to nearby Roxbury (1632) where he lived until his death aged 86. He left a large Eliot family including several generations of colonial preachers in both Massachusetts and Connecticut. He maintained an orthodox Calvinist theology, emphasising salvation through divine grace. He may have been viewed as kindly and even understanding in his personality but there was nothing liberal about his religious beliefs. He was the quintessential righteous Congregationalist minister, typical of colonial New England.

The Non-Conformist settlements in New England began with the Pilgrims in 1620, a relatively small radical group who landed at Plymouth near Cape Cod. They were followed in 1630 by a large contingent of Puritans from East Anglia. Between 1630 and 1645, the Puritan population exceeded some 25,000, and

the population soon doubled; doubling again at the Restoration. They were deeply religious, focussing not only on salvation for themselves and their families but for the indigenous Indian population. From the outset Puritans in America, supported financially by wealthy Puritans in London, set out to convert the native Indian population from paganism to Christianity, with a further aim of inculcating English civilisation along with salvation.

The New England Puritans were highly literate. Their religion deemed it necessary for both adults and children to read the Bible and prayers. Local schools and compulsory education was the first order of business for town government in Puritan Massachusetts.

Soon after arriving in the Bay Colony, by virtue of his role as the minister of Roxbury, Eliot was a significant personality in the Massachusetts Bay Colony. On weekdays he would travel extensively in eastern Massachusetts preaching to local Indian tribes. He established fourteen Indian "prayer-towns," new villages for Christianized Indians, some of which later developed into Puritan towns, such as Natick. A community house for prayers and schooling would be ringed by individual wigwams. These towns also constituted a defensive strategy to protect metropolitan Boston. The role of 'new town' planning

underpinned America's Westward expansion, becoming a crucial aspect of the economic, social and cultural history of America.

Eliot's missionary work was interrupted by a fierce Indian uprising known as King Philip's War, in the mid-1670s. Ultimately, the Indian menace, which, ravaged Massachusetts was overcome by the colonial militia. Many of the local Indians were killed or forced to flee to the hinterland. Most of the prayer-villages were destroyed. Only a few villages were even partially rebuilt but missionary work in Massachusetts effectively ended.

Eliot was actively involved in organizing early American public education. He established the Roxbury Latin School, the oldest "high school" with continuous teaching in the United States. He was a founder/promoter of Harvard College where he served as a trustee or overseer. Harvard was established in 1630s, away from the bustle of Boston in the New Town by the Charles River, appropriately renamed Cambridge. Eliot organized the first specialized school at Harvard, called the Indian College, which existed briefly in the mid-1660s ostensibly to educate the native Indians; perhaps this venture was the precursor of Harvard's eventual expansion into specialized graduate study from law to medicine. Today Eliot's connections with Harvard have been recognized with a number of scholarships and fellowships.

By today's standards Eliot was a public intellectual. He was accomplished in classical Hebrew, Greek and Latin, and became proficient in the local Algonquian dialects in order to further his missionary work. He translated a number of religious texts for the Indians, including the transliteration of the Old and New Testaments into Algonquian.

Eliot's Algonquian bible was the first printed in America, intended to be used by other missionaries as well as by literate Christian Indians. The monumentality of the bible, its scholarship through academic research, its attractive appearance, and its intended usefulness, make it a landmark in American scholarly publishing.

Eliot was instrumental in organizing the purchase of the first printing press in the colonies. It was shipped from England in 1654 and installed at Harvard. In order to print his bible for the Indians, he arranged for the purchase of a second printing press in 1658, Extra fonts were ordered owing to the many pieces of wooden types, especially the k's, m's and w's, that were worn down in printing the transliteration of the Algonquian dialect.

The Bible he sent back to Jesus is inscribed with an affectionate reference to his "alma mater". His education at Jesus, Cambridge, undoubtedly influenced his activities in Massachusetts and contributed to his abiding interest in basic education.

Eliot's legacy in public education can be witnessed in the work of New England pioneers as they moved westward, founding schools and colleges. The prioritisation of education found its way into the Northwest Ordinance of 1785, promulgated by the Continental Congress after Independence, opening the American-Midwest to pioneers. Every new settlement in the west was given public land to sell in order to establish local schools. How much of American education relates back, however indirectly, to the Roxbury Latin School, Harvard College (and, ultimately, Jesus College, Cambridge) as precursors is one of those tempting but as yet unanswered questions of American history. 

Real Avant-Garde

Rod Mengham

Rod Mengham, Fellow in English, reminisces on the effect of Kettle's Yard on his ideas of experimental art

I first walked into Kettle's Yard shortly after my arrival in Cambridge in 1973. I had come to study English and to try to write. For me – as for anyone concerned with experimental art – the house by the church gave spatial form to an historical problem.

You could say it enshrined the paradox of the twentieth century avant-gardes: the pursuit of new forms, the discovery of organizing principles specific to the medium, and the vexed question of how these formalist goals relate to the society that has produced them. In Kettle's Yard, the question of how we actually live with experimental art was given practical form – and a very English character – in Jim Ede's arrangements, but the full scope of the question has been addressed and re-addressed in a series of temporary exhibitions. To my mind, the value of these exhibitions was epitomized in the Polish Constructivism show of 1984. This was typically far-sighted, bringing Polish Constructivist paintings, sculptures and publications to Britain for the first time, and typically over-arching, exhibition and catalogue together encapsulating an entire history of debate around issues echoed in the more familiar wrangles of western art movements.

Polish Constructivism between the mid-1920s and the late 1930s was essentially a series of arguments about the relationship between art and twentieth century production processes. There were three overlapping phases, each associated with different artistic groupings and group publications. The first, *Blok*, was the earliest and most short-lived, initiated in 1924 and succeeded in 1926 by *Praesens*, which lasted until 1939, despite a major change of direction and of personnel. Both of these movements involved collaboration and rivalry between artists and architects. The distinguishing feature of the third phase, which led to the formation of a

group calling itself *a.r.*, was a series of joint projects involving both artists and writers. The initial letters *a.r.* stood alternatively for *awangarda rzeczywista* [the real avant-garde] and for *artystci rewolucyjni* [revolutionary artists]. The obvious protagonist in each of these three scenarios was Wladyslaw Strzemiński, the most radical formalist in the history of Polish Constructivist painting, and the busiest controversialist. The reason *Blok* was so short-lived was intransigence on the part of both Strzemiński and Mieczysław Szczuka, who clashed over the theoretical subordination of art to questions of social utility. Szczuka wished to place art at the service of town-planning and industrial design, while Strzemiński believed in its independence from existing forms of urbanism as the basis for imagining entirely different social structures in the future. *Praesens* started harmoniously with the idea of promoting collaborations between artists and architects, seizing opportunities to impose abstract painted designs on existing buildings, and to interpose abstract sculptures in the spaces between buildings. However, after three years, Strzemiński left the group, together with the painter Henryk Stazewski and the sculptor Katarzyna Kobro, convinced of the need to replace these partial measures with a unified programme of urban design, where the emphasis was on the composition of the entire architectural environment according to the same principles. During the 1930s, Strzemiński pursued the goals of *a.r.* through the much narrower focus of typographical design, with remarkable results. His settings of the poems of Julian Przybos regarded the entire page as a unified field in which the various interrelated elements were of equal significance. By these means, the visual structure could be equal in importance to the aural structure.

After seeing the relevant works in the Kettle's Yard exhibition, I was offered a job

soon afterwards that would put them close to the centre of my life for the next three years. In October 1984, I went to a Readership at the University of Lodz in Poland. Lodz is home to many things: the site of the second largest Jewish ghetto; the Polish film school; an extraordinarily unified nineteenth century architectural heritage; the Museum of Modern Art. The latter was the source of practically all the works in the Kettle's Yard Exhibition. Here they made sense not only in the context of the history of the European avant-gardes, but in terms of local buildings, murals, applied art of various kinds, and in their influence on the stubborn formalism of post-war experiments in various media, particularly film. Strzemiński had taught in local schools and the results were widespread, affecting the practice of various crafts, especially textiles. If the official art of the communist era was socialist realism, it seemed that Constructivist principles were more immanent, less declamatory but more pervasive, less aggressive but more tenacious. I was impressed by the extent to which radical abstraction could be deployed as effective resistance to a dominant ideology. It deepened my respect for Strzemiński, for the consistency and coherence of his practice, and my curiosity about, and acclimatization to his work led to cooperation with Józef Robakowski and Jarek Jedlinski, whose film about the painter appeared in 1993. I prepared the text for the English version of this, and provided the voice-over for the soundtrack. But although Strzemiński had been the driving force behind the conceptual integrity of Polish Constructivism, the most beguiling objects that it ever produced were the sculptures of Kobro, which I had seen for the first time in Castle Street.

Over three years, I got to know them well and to appreciate the scope of Kobro's remark 'sculpture is a part of the space around it'. The positioning of the work, physically, socially, culturally, was an unignorable element in its



reception. When the Polish art collective *fabs* asked me in 2000 for a statement of compositional practice, I began with Kobro's dictum, believing that it could reflect my sense of how I wanted the poetic text to relate to the different languages that surround it. But the debt was acknowledged in more suitable form in 1998, when the Museum of Modern Art published my poetic sequence 'Kobro' to coincide with a major retrospective exhibition there. Part of the debt is owing to Kettle's Yard for introducing me to all of this. The point is not the coincidence of those works being exhibited in the very year that I was contemplating a move to Poland. The point is that Kettle's Yard is the kind of space in which those kinds of works will be shown. If the idea that sculpture is a part of the space around it is not actually inscribed on the lintel, it is implied equally by the dispositions of the house and by the exhibition programme of the gallery space. It is an idea whose true scope should never be underestimated. 

Crucial Cereals and Sustainable Development Goals

Shailaja Fennell

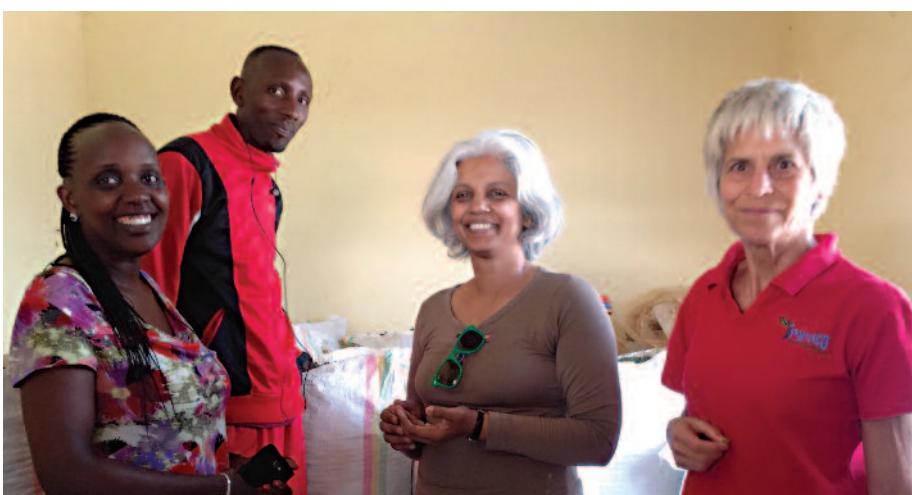
Our Fellow in Land Economy describes Green Revolution research project that spans India, Ethiopia and Gambia

Based at the Department of Land Economy and the Centre of Development Studies, my research has focussed on institutional change to bring about sustainability solutions. In a post 2015 era, the new global agenda is to achieve the Sustainable Development Goals (SDGs). The SDGs are regarded as a follow on that build on the successes of the MDGs, but it is important to note a major difference between the two, given the new emphasis on participation and empowerment in the SDGs. A core pillar for such inclusion is to bring households and the communities with which they are located into the development arena.

The multi-disciplinary work being undertaken across faculties of biological, physical and social sciences shifts the focus of the sustainability agenda that has tended to be focus on cities, regarded as the future of humankind, particularly after the world has tipped to an urban location in 2007, towards recognizing that sustainability is even more important for rural communities, that are often

far away from the growth poles of urban based industrial development. These communities are relatively disadvantaged in their access to education and health, and are finding it increasingly difficult to ensure adequate livelihoods through farming activities. Our research focuses on how cross-disciplinary research that brings new thinking to the food-water-energy nexus in rural and peri-urban areas can ensure that rural communities are connected to new infrastructure, have access new services so that they co-create pathways to empower youth and young adults with the skills necessary to access new diversified forms of employment.

The work of multi-disciplinary teams at University of Cambridge has come together under the banner of TIGR2ESS (<https://tigr2ess.globalfood.cam.ac.uk/>), a new large-scale, multi-partner project that has just been awarded funding from the RCUK's new Global Challenges Research Fund (GCRF) to address this complex web of issues. Drawing



Fieldwork in rural Rwanda



Hybrid millets at ICRISAT at Hyderabad, India

together a formidable network of partners from research, industry, government and NGOs in the UK and India, the project's aims are to define the requirements for a second, more sustainable, Green Revolution in India, and to deliver this through a suite of research programmes, training workshops and education activities between 2018-2022.

The funding forms part of the UK Government's Official Development Assistance commitment, and partners from both countries will work together from the outset in framing collaborative research to ensure it has maximum benefit for India. TIGR2ESS will include fundamental research addressing crop productivity and water use in India, and will identify appropriate crops and farming practices for different climatic regions. It also includes a capacity-building programme of researcher exchanges between the UK and

India to ensure skills development and build expertise for the long-term.

This project provides an excellent opportunity for co-creation by researchers in India and UK to generate innovative solutions to move away from the previous intensive agriculture strategy that focused exclusively on increasing the yields of wheat-paddy annual crop cycles. The project is working on learning from the shortcomings of the first Green Revolution, where the system of agricultural production led to pressure on water resources and a depletion of ground water and the nutrient balance. It is focusing on areas with lower levels of rainfall in the Western, Southern and Eastern parts of India, and working with partners to examine how, in semi-arid belts in these regions, a shift to cultivation of a range of millets: pearl millet, foxtail millet, little millets as well as sorghum could result in a less



Women farmers transplanting rice in Telangana state, India



Wholesale wheat markets in Punjab, India

water intensive, and more heat-resistance system of agricultural cultivation. These crops also have the additional benefit of being better for human nutrition as they have a lower glycemic index than rice and wheat and reduce the risk of obesity and diabetes in adult life.

The diminution in the ability of the Green Revolution agricultural system to deliver sustainable livelihoods has, over the last decade, also resulted in a marked shift in sectoral contribution as the share of agriculture has fallen and a significant increase in the share of the tertiary sector. Life on the farm is no longer regarded as a preferred form of employment and youth are looking to other sources of employment. My own research flagship in the project looking for ways to increase the value of these crops, to raise family incomes. The provision of skills to generate new forms of youth employment and to contribute to empowerment of women. Examining how communities acquire skills and use their agricultural knowledge is undertaken through surveys and mapping the value chain of millet production from farm to fork. By mapping these processes of agricultural diversification provides insights into how to move to a more equal and sustainable agricultural system in the face of climate change.

Our research in Cambridge, that takes place through Interdisciplinary Research Centres, such as the Global Food Security Initiative (<https://www.globalfood.cam.ac.uk/>) brings together cutting-edge research to facilitate the design of multidisciplinary approaches to

understanding how to work with the food-water-energy nexus that is at the core of sustainable development. We focus on new approaches and research methods that could facilitate an transition to more sustainable forms of resource use in the spaces of agriculture, water and energy through groups such as Energy@Cambridge (<https://www.energy.cam.ac.uk/>) and examine the social dimensions of such environmental transitions, through groups such as C-EENRG (<https://www.ceenrg.landecon.cam.ac.uk/>).

The work on millets has been given an additional fillip with the award of a small companion grant MillNeti, (<https://www.globalfood.cam.ac.uk/keyprogs/millneti>) to take our learnings from India to countries in sub-Saharan Africa. The rationale for this South-South exchange is based on the fact that millets are the most common form of cereals in many countries in the region and they are often cultivated by female small holders in semi-arid tropic areas of the continent. The characteristics of millets that they are extremely resistant to drought and climate variability is attracting an increasing number of small scale farmers and governments in Sub Saharan Africa. The particular focus of our research in this project is to understand how bio-fortification of millets could increase the potential of millets to improve the nutritive contribution to the lives of women and babies and infants.

The current challenge is that while millets are the most commonly used staples for weaning porridges, the presence of phytic acid binds iron and zinc in these coarse cereals, make them unavailable for absorption in the body. We are examining how communities in Ethiopia and Gambia currently deploy processes of lactic fermentation of cereals and legumes. We are undertaking surveys to increase our knowledge of how communities respond to innovations in nutrition and cooking processes to find more effective ways of introducing biofortified millets. Our research will also entail working with our local partners to test and validate different meal preparation methods to optimise the availability of iron in food prepared from these biofortified millets. 

Student Signatures: Part II

Robert Athol

In this second feature on graffiti found around the College site, our College Archivist explores the symbols and marks made by alumni on the College buildings

In the article which appeared in last year's Annual Report, I looked at how past students 'made their mark' on the College by scoring their name or initials into the fabric of the College buildings. In addition to this type of graffiti, many other types of marks were discovered during the recent graffiti survey including symbols used to protect individuals from perceived evil spirits, shapes and grid patterns possibly used as gaming boards and drawings of people, perhaps representing individuals known to the creator.

Apotropaic symbols or ritual protection marks

The main group of symbols to be found were apotropaic marks. The word apotropaic means 'to turn away' with apotropaic symbols being marks of various forms that were made to 'turn away' perceived evil spirits or protect against such perceived forces.

Of the widespread surveys that have been conducted so far across the country, particularly including those undertaken in churches and publicised by Matthew Champion, it has been suggested that ritual protection marks make up around a quarter of recorded marks which was reflected in the results of the College survey.

The following provides examples of some of the likely apotropaic symbols found, dividing them into recognised groupings and explaining a little about their possible meanings and where examples were found.

Hexafoils and circles

Various compass drawn designs were found during the survey including individual circles, overlapping circles and concentric circles. Known as hexafoils, two examples were found, both in older parts of the College on stonework likely to have been installed in the early 16th century during the early years of the

conversion of the nunnery buildings into the College buildings. One is on a door surround in A5 at the top of the College gatetower (built c.1510) and the other on a window surround on a spiral staircase in the Chapel which is known to have been blocked up in the 16th century. Concentric circles and hexafoils were used both as apotropaic symbols and for measurements by carpenters and masons although it is not clear from the examples found in College which might be which.

With regards to the implements used to make such marks, a compass is the most obvious suggestion. However, the availability of compasses in the medieval and early modern period was not that common. An alternative sharp and small implement in common use could have been shears. They were used for various tasks, but most often for cutting sedge in preparation for laying a fire. References to the purchase of sedge for fires appear in the College accounts from the 16th to the late 18th centuries. So, it is very possible that shears or scissors were used to create these marks, perhaps by students or perhaps by individuals working for the College who had access to student rooms for laying fires. As the circles found are indeed perfect circles, the possibility that they were made by shears as well as compasses seems feasible.



Hexafoil



Solomon's Knot

Solomon's Knot

Only one example of a Solomon's Knot was found in College: on the fire surround of J6a. Although not the heaviest graffitied, the fire surround in J6a contains the most decorative and unusual combination of graffiti of all the rooms surveyed, some more of which will be discussed below.

VV

One of the most common identifiable symbols found in College was the crossed VV symbol. The origins are most likely from Virgin of Virgins or 'O Virgo Virginum' which was used in prayers and sung responses before the Reformation. Whichever way the symbol was carved, it would appear the same, as a "visual palindrome". In terms of quantity it has been suggested that this symbol has been found at a ratio of roughly two to one in church surveys, however the College survey recorded roughly one in ten. This might indicate lower levels of reliance upon apotropaic marks amongst inhabitants of the College, the religious beliefs



Composite VV

or social class of the individual or simply a preference for other symbols. It could also represent a chronological or regional difference, but until further surveys of secular historic sites across the country are conducted, it will be difficult to determine this. Certainly the VV symbol is based on Catholic ideas of the power of Mary to protect. Some students may have been secretly Catholic, but by the 17th and 18th centuries when some of the buildings on which the VV symbol were recorded were built, it is far more likely the original meaning had been lost and that the symbol had simply taken on a meaning of good luck, somewhat akin to saying 'touch wood' now.

One possible variation on the VV symbol found during the survey was VVB, with several examples found in the Chapel. Taking this to be 'virgo virginum benedicta' or 'blessed virgin of virgins' this could be another variation of the VV symbol reserved for consecrated buildings. It is possible that these are initials, although unlike other examples, no other names or initials were found written in proximity and the VVB was also found in parts of the Chapel where individuals were found to have been far more likely to write their name, or at least part of their name, in full rather than just initials.

It has also been suggested that letters used to ward off spirits could make up any of the letters to spell MARIA or that would represent Mary are very common, including M, AM, R, MR and AMR. A possible example of this alternative representation of letters associated with Mary was found in the Prioresses Room as 'MR', although it is possible that these are someone's initials.

IHS

Only one attempt at an IHS symbol (Iota Eta Sigma – the first three letters of the Greek name of Jesus), the holy name of Jesus, was found during the survey in the Chapel which, suggested by the 'handwriting style' of letter forms, was possibly made in the 16th or 17th century.

X and crosses

67 representations of crosses and 'X' symbols were found. Of these 43 are a simple X whilst

14 are versions of St Andrew's cross. These marks are obviously amongst some of the easiest to make and do not require a huge amount of skill so it is possible that these crosses were made out of boredom with no particular importance. However, Owen Davies suggests that X symbols found in houses may have been blessed by a priest in Catholic households. This might have transposed to the College environment by inhabitants if they were used to seeing similar ceremonies take place at home. Similarly, at the same time much of the graffiti was created, Fellows had to be ordained. This means qualified individuals in a position to bless any protective markings were relatively plentiful.

St Andrew, and therefore symbols associated with him, was believed to protect against various maladies including sore throats and fever. Assuming students brought cold and flu germs with them when first attending College, it seems reasonable that 'freshers flu' was as much as a problem in the past as it can be now. So to find symbols that were considered to protect against such symptoms in residential rooms, therefore, is perhaps not particularly surprising.

Carpenters marks or 'assembly marks'

Aspects of the construction of some of the oldest parts of the College buildings are evidenced through sequential roman numerals scored onto timber beams. These assembly marks were made using a race knife by carpenters and builders responsible for the construction of the College buildings. The depth and style of marking might indicate who made a particular mark, it can be noted that in wood, the race knife marks would have been easy to score when the wood was fresh, but that later marks can look scratched and uneven in comparison if made once the wood had time to harden. There are particularly good examples of race knife marks on B, F and G staircases with further examples found in other locations.

Hexagons, triangles and lozenges

Four hexagons and twelve triangles were found, as well as various examples of adjoining lozenge shapes in order to make a pattern in a rectangular shape. The best example of this was found in J6a on the fireplace and shows

small uneven hand drawn circles inside each lozenge. This could possibly represent some sort of gaming device. These shapes could also have been made to represent some sort of heraldic device or perhaps a cartouche for a pencilled, painted or paper insert which no longer survives. They could possibly have also been drawn to represent playing boards for games such as alquerque, although as they were all found on vertical surfaces rather than horizontal, perhaps this is less likely.

Figures or people

Representations of figures were found around the College, although not in great numbers. There are three separate images of what are most likely women on the fire surround of J6a, one of which is, possibly, holding the hand of a young boy. Whether this originally represented a wife and child or, perhaps, a self-portrait of a student holding hands with his mother is unclear. Unfortunately, some detail has been lost over time, but the image is clearly visible. Going by the style of dress, particularly the farthingale and ruff apparently worn by the woman, the figures were possibly drawn in the late 16th or early 17th century.

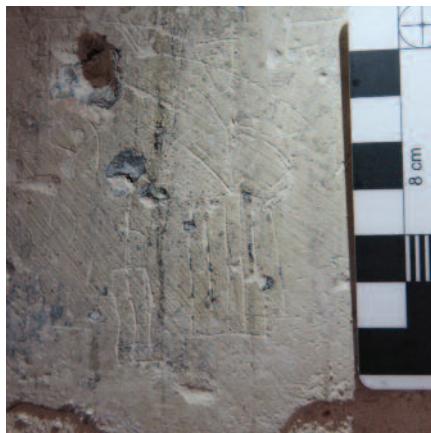
There are also a few representations of faces to be found with one on the external part of the doorway to the College's Old Library, possibly with the addition of a pointing arm. Might this be an image of a Fellow responsible for the Library ordering students to be quiet whilst using the books?

This image of a face emerging from a triangle is somewhat odd, but it might represent an attempt at drawing the birth of a child.

Pre-Reformation and Latin inscriptions

Despite examples of Latin text being found elsewhere in other graffiti surveys, for a place of learning, it seems somewhat surprising that no examples were found except one above the fireplace in F5. Unfortunately it is rather well worn and so indecipherable, perhaps the result of a later fire surround being removed (of which there is physical evidence) or cleaning the stone at some point.

A list of names, most likely created in the first half of the 16th century, is known to exist behind 18th century wooden panelling in the



Woman holding hand of young boy

SCR, and was discovered during restoration works in 1999. Unfortunately, the names were not transcribed at the time and no photographs of the graffiti that are of any quality to allow subsequent transcription were taken so it has not been possible to include the names as part of this survey. In addition to providing one of the few examples of pre-Reformation graffiti in the College, they also represent what is likely to be the only surviving evidence of graffiti on plaster in the College.

Knife sharpening marks

There were various examples of knife sharpening marks found around the College, and it seemed appropriate to include them in this survey as they were likely made, in many instances, with the same knives and blades which were used to make the graffiti. Knife sharpening marks were found on door surrounds to five major doorways to staircases in College (one blocked in 1822 following construction of K staircase) and many on stonework adjacent to the original entrance to the College Hall (disused since 1870 after the staircase was moved). With students queuing to get into Hall for dinner as they do now, it is easy to imagine students sharpening their knives while they waited. There is no evidence of knife sharpening occurring in rooms, except on the fireplace in B1, the most heavily graffitied stonework in College.

Knife sharpening marks on the doorway leading into the area in the arches at the crossing of the Chapel were presumably made by people making graffiti in the Chapel, either

in the process of carving their name or sharpening their knives once they had finished. The relatively shallow impression, however, suggests it was made by people spending a long time carving their name into the Chapel stonework. Although it may have been an accepted practice for individuals to sharpen their knives on the stone surrounds of the doors leading into their staircases, it is also possible that the perpetrators were simply never caught, denying the College authorities the chance to punish the relevant parties.

To date, the main issue with recording symbols and images as opposed to names and initials, has been that it is extremely difficult to accurately date symbols and images. However, most of the surveys in which symbols have been recorded have been in churches and smaller secular buildings which leave behind very few, if any, detailed historic records relating to the construction of different elements of the buildings. Such records would inform as to when buildings were constructed, developed or refurbished and therefore provide date ranges during which symbols could have been made.

However, this issue can be partly addressed through surveys of Collegiate sites and those being undertaken at larger properties owned by English Heritage and the National Trust. The majority of these types of site tend to have good documentary sources detailing specific work undertaken on buildings on the site and so it is going to be possible to use the surviving information in these extensive documentary sources to help date the symbols that have been found. The relevant, mainly financial records, in the Archives at Jesus are still being indexed and catalogued by student volunteers but once this has been completed in the next few years, it will be possible to start broadly dating the symbols and other marks that have been found on the College site. If a similar approach is taken at other collegiate and large secular sites, and a comparison of the results is made, this should allow for the compilation of a typology of symbols with date ranges highlighting periods of use which in turn could indicate what types of symbols were popular when, where they were made and who by, how this changed over time and, potentially, for what reasons. 

A Life in the Day of our College Receptionist and Fellows' Secretary

Haidee Carpenter

My day begins at 7.20 am with my 12 year old daughter wanting to know what is in her packed lunch for the day (a lunch I have yet to make!) I usually bolt out of bed, rush about for the next hour to see her off to school and my partner off to work.

I am very lucky to live close enough to cycle to work. After I tackle the mayhem of Mill Road I arrive at the Chimney of Jesus College and I always have a few minutes (whilst I lock my bike) to appreciate the surroundings, the tranquillity and the beauty that is Jesus College.

Then as I enter the Porters' Lodge . . . "ah Haidee . . ." before I have even had a chance to remove my jacket the questions start, and that is where it all begins.

This year marks my eighth year at Jesus College. Previous to coming to the College I was a student and completed a BA in Theatre Studies at the University of Surrey, and my MA in Physical Theatre at Royal Holloway in Egham. I have always been involved with Theatre and Dance but this field proved to be tricky with the unsociable hours once my daughter, Izzadora, was born. As Izzy started school I saw the position of 'College Receptionist' at Jesus College. Therefore it was perfect timing, a job that was to be sat at a desk and answer a few calls, how hard could it be?

I came into the job when it was a brand new post and no one really knew what the role was to involve 'a receptionist within the Porters' Lodge'. I was the only female working in a twelve man strong team. As the years have progressed I am now the College Receptionist and Fellows' Secretary. I juggle the jobs side by side each day, taking me back to my many years of teaching circus skills . . . which was easier than this at times!

Once at my desk, I have to check the handover sheets, to see what is happening for the day. Depending on the day or the time of year, there could be anything happening from conferences, new students arriving, contractors



doing work, to exams taking place. This week it has been the Mastership elections, so I have had the chance to meet with all the shortlisted applicants.

As we are situated in a temporary lodge, waiting for the Porters' Lodge to complete refurbishment, it brings a variety of challenges. One of the main ones is that my boss, Grahame Appleby, Head Porter, is just the other side of the temporary wall. Which means I am often given additional tasks to do, and invariably I am showered with 'Have you not done that yet?'

Today is a Tuesday, following a wonderful long bank holiday weekend. Sadly this does mean extra work, as I need to do the banking for the Lodge, payments taken for guests or merchandise, which would have normally be done on a Monday. As it is a Tuesday, 10 am marks time to do fire alarm testing. These take place 3 times a week for an hour and a half

each day and is not so eagerly looked forward to by most. Personally I don't mind as it helps to keep me fit! This is where I change my heels for trainers and head out with a porter, to test all the fire alarms in a zone. The reason the others, as a whole, are not so keen is because it is physically arduous as you have to climb numerus flights of stairs to complete the task effectively. Returning, exhausted with 5,000 steps completed, we grab a well-deserved coffee from the friendly West Court café team.

As soon as I return Royal Mail has kindly deposited a mountain of letters, magazines and journals along with an abundance of parcels. Sorting the post for students, staff and Fellows, takes up a large section of the morning. I again try to fight my way to my desk to try to find the owner of the large pink box belonging to a 'Charlotte UG'. We get so many parcels that are labelled incorrectly I often feel like a detective.

Time to brave the emails. I deal with general enquiries, replacement card requests, changing of permissions on cards (now that almost everywhere is on the Salto Lock System), messages for Fellows, requests for photographs to be ordered, and to check invoices for purchases made. I will often find requests for documents to be printed for the Fellows to give talks or documents they need for their next trip abroad.

Today is one of those days, the second you sit down to reply to an email, a student comes in to report a lost card, then the familiar sound of a fire alarm sounds in one of the houses. As a matter of urgency we rush to check the houses are not burning to the ground. Thankfully there is no fire – just someone has sprayed too much deodorant in their room! One of the funniest times to get called out due to a fire alarm was when we arrived to a kitchen full of smoke. Talking to the very confused student it becomes apparent the student had misread the instructions on the pizza and cooked it in the microwave for 12 minutes not the oven!

Being positioned within the Porters' Lodge can bring such a variety of moods. Sometimes I am just trying to do all the routine jobs, other times it is a list of jobs that need to be done 'yesterday'. It is sometimes so busy, I find it difficult to think, and other times the air is full of jest. I love the banter with all my colleagues, even if that does mean having to endure football/cricket/rugby chat.

Before you know it, it is lunchtime, I always make my way to the West Court Café to grab a vegetarian sandwich. The girls in there know what I like and are super.

After lunch I head to the Emeritus Fellows' office to assist with sorting and arranging confidential documents and papers for lectures. I love helping with these jobs. Working with the likes of Juliet Mitchell always bring me great pleasure and it often feels a calmer environment than in the Lodge, despite the urgency of finishing papers. Once that is done I collect post from some of the departments, which is nice to catch up and see some different faces to keep up the important inter-departmental relationships.

Back at the lodge it seems there is a problem with the West Court lift. The engineers need a number of bodies to help fix the lift. So along with all the porters from the lodge I head to the very top of West Court, to climb into a broken lift! With all of us crammed into a space 4" x 8" we wait to see what would happen. With all the doors closed and a strange feeling of impending doom, the lift slowly began to be pulled to the ground. After a tense few minutes we were all released from our tiny aluminum prison.

As I see the day draw to a close, the Deputy head Porter, John Morris, calls me for help, and 'can you give me a quick hand?'. One final check of the emails, order a few lost cards, and then I sign out. It has been another eventful day and I go home thinking 'thank goodness that is over. Please let it be Saturday tomorrow!' 

College News



People

Awards, honours, projects, significant lectures

Fellows

Professor Madeleine Arnot was appointed Chair of the Academic Advisory Board for the UNICEF *Learning Passport* project (2018-19) which is led by Cambridge University Press, in collaboration with Cambridge Assessment and members of the Faculty of Education. The project aims to deliver a curriculum framework for basic education for all displaced and marginalised children. She was also appointed a Commonwealth Scholarship Commissioner in September 2018 and is Lead Commissioner for educational programmes.

Dr Clare Chambers delivered the Dorothy Emmett Annual Public Lecture at the University of Manchester and the Global Challenges Annual Public Lecture at the University of Southampton.

Dr Stuart Clarke has been appointed Professor of Surface Science.

Dr Maite Conde's monograph *Foundational Films* received an honourable mention in the Best book in the Humanities by the International Latin American Studies Association. It has also been shortlisted for the Warren Dean Prize by the Conference on Latin American History, which will be announced in September. Maite has also been appointed a University Reader.

Professor John Danesh has been appointed Director of Health Data Research UK-Cambridge, made a faculty member at the Wellcome Sanger Institute, and renewed his British Heart Foundation Personal Chair.

Professor Julian Dowdeswell has been awarded the 2019 William Speirs Bruce Medal and Honorary Fellowship of the Royal Scottish Geographical Society for “outstanding contributions to glaciology and polar science”.

Dr Rachel Evans has been elected a Fellow of the Royal Society of Chemistry and promoted to Reader in Materials Chemistry. She has also been awarded a European Research Council grant (2.1 million Euros) in the field of SPECTRACON. Rachel and her team will develop new spectral conversion materials based on organic-inorganic hybrid polymers that will enable sunlight to be “shaped” into energies that can be used more efficiently by solar cells.

Dr Claire Fenton-Glynn has been appointed a Senior University Lecturer.

Dr Elizabeth Key Fowden delivered the Inaugural Lecture at the Silsila Center for Material Histories at NYU.

Dr Matthew Harper has been appointed a Senior University Lecturer.

Dr Julian Huppert has been invited as Visiting Professor at the Policy Institute, King's College London.

Professor Kathryn Lilley has been awarded the Human Proteome Organisation Distinguished Achievement in Proteomic Sciences Award.

Professor Lord Mair has been elected a Foreign Member of the National Academy of Engineering (USA).

Professor Cecilia Mascolo has been awarded an ERC Advanced Research Grant for 5 years (2.5 million Euros) on Audio-based Mobile Health Diagnostics.

Dr Renaud Morieux has been appointed University Reader in British and European History.

Dr Rebecca Reich has been appointed a Senior University Lecturer, and awarded a Leverhulme Fellowship 2019-20.

Dr Thierry Savin has been appointed a Senior University Lecturer.

Dr Preti Taneja's novel *We that are Young* won the 2018 Desmond Elliot Prize for the UK's best debut of the year and was listed for the Folio Prize and The Prix Jan Michalski, Europe's premier award for a work of world literature. It is now in development as an international TV series with Gaumont US. Preti gave the keynote lecture at the British Shakespeare Association annual conference this year, and took up the invitation to be the UNESCO Fellow in Prose Fiction at the University of East Anglia for 2019.

Professor Anna Vignoles was awarded Commander of the Order of the British Empire.

Professor Peter Williamson was elected as a Fellow of the Academy of International Business.

Professor Ian Wilson was awarded the 2018 John A. Brodie Medal, by Engineers Australia, for the best paper presented at the Chemeca 2018 conference held in Queenstown, NZ. The paper was entitled 'Cleaning tanks by impinging liquid jets'.

New Fellows



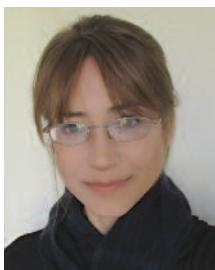
Mrs Maren de Vincent-Humphreys received her MA from the University of Hamburg in 2010 for her thesis 'The relevance of the German Language at the Integration of Brazilian expatriates in Germany and at their reintegration in Brazil'. In 2018 she received her PGCTLHE from the Cambridge Centre for Teaching and Learning, University of Cambridge, and was the recipient of a DAAD Reintegration Scholarship at the University of Bielefeld. She is currently the Language Teaching Officer for German at the University of Cambridge. Maren's academic interests encompass both teaching and research. She is interested in the use of technological virtual learning environments (Moodle, Wikis, chatrooms, diary journals etc) for language teaching and learning. She has been collaborating with a colleague in the Department of Engineering on a Moodle-based demo in this area. Her research interests are in the social/cultural school of language learning and the impact of the individual on their learning and of contextual factors, such as the use of authentic materials. Having lived in Brazil, she is also interested in bilingualism and dialects.

The Rev James Crockford received a BA in Music from the University of Nottingham in 2007 and, subsequently, a BA in Theology and Religious Studies in 2014 from Trinity Hall, Cambridge. He is currently pursuing a PhD, Archbishop's Examination in Theology, on 'Augustine's De Musica'. James joins the College as Dean of Chapel and Chaplain having previously held the positions of Associate Vicar at the University Church of St Mary the Virgin in Oxford and Honorary Chaplain at Magdalen College, Oxford. He has worked as a Church Project consultant travel aide in DC Congo, Rwanda and Burundi and was Parish assistant and Director of Music at St Stephen's Church in Tonbridge. James has achieved ABRSM Grade 8 in piano,



harpsichord, music theory and saxophone – he has been a recitalist and accompanist, most recently being Director and leader of the Cigar Cutters Saxophone Quartet.

Research Fellows



Ms Jenny Bulstrode graduated from Girton College in 2014, achieving a first in the Natural Sciences Tripos, taking Part III History and Philosophy of Science in her final year. Her research focuses on the novel material cultures of nineteenth century British industrial production, and the ways technological innovations, state regulation, and reformed trading standards combined with new knowledge systems and existing social structures create a particular extractive infrastructure on a global scale. Genuinely cross-disciplinary and pathbreaking, while pushing further and beyond, the current ‘material turn’ in historical studies, her work has received numerous accolades. Her article ‘The industrial archaeology of deep time’, published in the British Journal for the History of Science in 2016, won a prestigious Singer Prize, and in October 2018 the American Academy of Arts and Sciences awarded her ‘The Sarton Award for the History of Science’, an international prize to support early-career historians of science whose work demonstrates exceptional promise and distinguished achievement.

Ms Esther Osorio Whewell studied at Jesus College for her undergraduate degree in English, then went to Oxford for an MSt, and returned to Cambridge in 2016 to begin work on her PhD. Her doctoral dissertation deals with the relation between teaching and poetry at the end of the sixteenth century, and how writers (in particular the epic poet Edmund Spenser and the churchman Lancelot Andrewes, who studied together at Merchant Taylors’ School and then at Cambridge) learned to squeeze complicated ideas into short spaces. Her second project focuses on the Welsh poetic technique known as Cynghanedd and asks how writers and poets in sixteenth-century Cambridge might have been influenced by the sound and techniques of this poetry.



Mr Christoph Eigen graduated from King’s College in 2014 with a BSc in Physics and was awarded the Wheatstone and Nelson Prize for best final year project, and student, respectively. He received his MPhil, also in Physics, from the University of Cambridge. He is now studying for his PhD on ‘Exploring Interacting Bose Gases in and out of Equilibrium’. He has published 6 papers including 3 major first-author articles in *Nature*, *Physical Review Letters* and *Physical Review X*. For his work on universal pre-thermal dynamics in Bose gases, published in *Nature* he was awarded the 2018 Abdus Salam Prize for outstanding research by a graduate student at the Cavendish Laboratory.

New French Lectrice



Aline Lebel studied Comparative Literature at the École Normale Supérieure (Paris).

Incoming Old Jesus Member College Post Doctoral Associates (OJM CPDAs)

Dr Elizabeth Key Fowden (2016) is a Senior Researcher on the ERC 'Impact of the Ancient City' project in the Faculty of Classics.

Dr Roberto Sileo (2013) is a Research Associate in Theoretical and Applied Linguistics at the Faculty of MMLL on the research project Core Syntax in Bilingual Children with Varying Degrees of Input which is a collaboration between the University of Cambridge and Charles University in Prague.

Ms Danielle Padley (2005) has a two-year Post-doctoral Research Fellowship at the Woolf Institute in Cambridge focusing on the wider history of the synagogue choir in nineteenth-century Britain and its significance for understanding Anglo-Jewish identity.

Incoming College Post Doctoral Associates (CPDAs)

Dr Stephanie Galasso (German Studies) who has a three-year post in the German and Dutch section of the Faculty of Medieval and Modern Languages as a Schröder Research Associate.

Dr Lauren Marshall (Natural Sciences (Physical)) who has a three-year Post-doctoral research associate position in the Department of Chemistry.

Dr Ellen Quigley (Sustainable Finance/Economics Education) who has a research associate position at the Centre for Endowment Asset Management (CEAM) at Cambridge Judge Business School.

Dr Matthew Scroggs (Mathematics/Engineering) who has a three-year Post-doctoral research associate position at the Department of Engineering as part of the ASiMoV project.

Dr Reyhaneh Shojaei (Urban Studies and Planning) who has a three-year post in the Cambridge Centre for Housing and Planning.

Dr Emily Stoakes (Biological Sciences) who has a four-year Post-doctoral research associate position at the Department of Veterinary Medicine.

Outgoing Fellows

Dr Nada Amin is leaving to take up a position at the Computer Science Faculty at the Harvard John A Paulson School of Engineering and Applied Science.

Rev Dr Paul Dominiak has been appointed Vice-Principal of Westcott House Cambridge. Dr Matthias Landgraf.

Dr Michael Waibel is to take up a Professorship in international Law at the University of Vienna.

Outgoing Research Fellows

Dr Mark Dyble is to take up a lectureship in the Department of Anthropology at University College London.

Dr Emma Greensmith is to become an Official Fellow and Tutor in Classics at St John's College, Oxford.

Dr Vittoria Silvestri is to take up a position at the University of Rome La Sapienza.

Becoming Emeritus

Rev Dr Tim Jenkins.

Professor Simon Redfern will take up the position of Dean of the College of Science at Nanyang Technological University, Singapore.

Outgoing Teaching Bye-Fellows

Dr Marie Christine Clemente.

Dr Vasileios Kotsidis.

Outgoing Old Jesus Member College Post Doctoral Associates (CPDAs)

Dr Emily Camm.

Dr Miles Stopher is a College Lecturer in the Department of Engineering and Director of Studies for Engineering at Homerton College.

Dr Jack Thorley.

Outgoing College Post Doctoral Associates (CPDAs)

Dr G Di Martino.

Dr C Tobin.

Outgoing French Lector

Barthélémy Enfrein. 

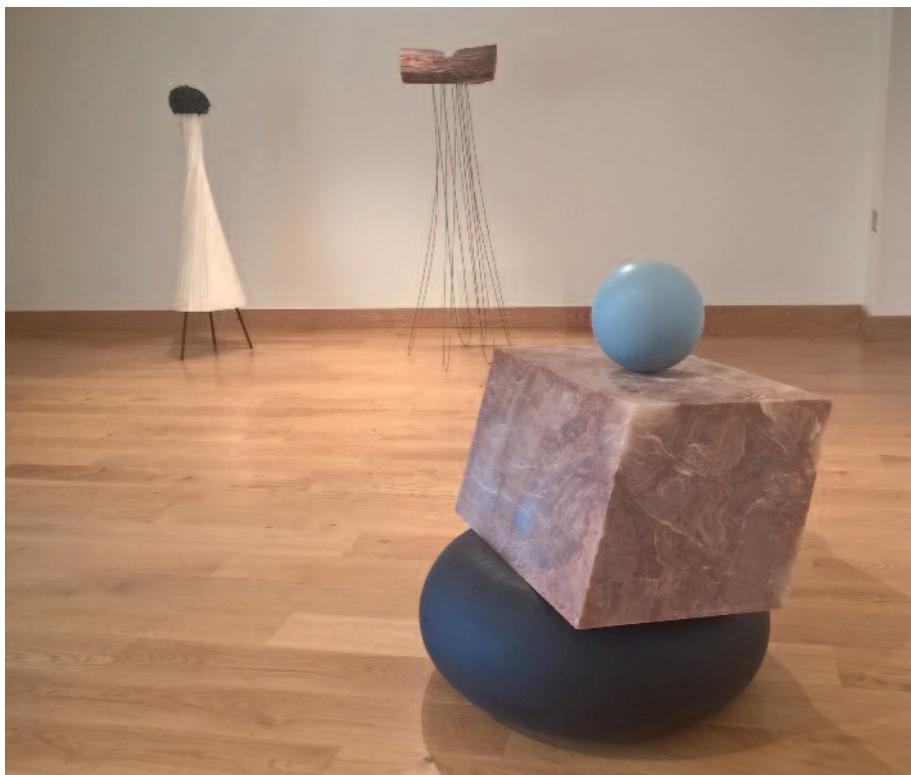
Art at Jesus 2018-2019

Donal Cooper, Curator of Works of Art

It was a very busy year for the Curator and Works of Art Committee, notably in relation to the West Court Gallery, but also in terms of loans, gifts and commissions. A full programme of exhibitions and events ran over all three terms in the Gallery, by now an established part of Cambridge's artistic landscape. This year also saw our first collaboration with Kettle's Yard, a connection we hope to develop further in the future.

In Michaelmas term we hosted a solo show by Alison Wilding RA, *On the Edge* (6 October-11 December), curated by Dr Rod Mengham, which coincided with the artist's election as an Honorary Fellow of the College. The show represented something of a coup coming immediately after Alison's major retrospective at the De La Warr pavilion in Bexhill. A highlight of the exhibition's run was a wide-ranging 'in conversation' event in Upper Hall between the artist and Dr Amy Tobin of Kettle's Yard (15 November), establishing a format that we hope to continue with future exhibitions.

In Lent our exhibition *American Modernist Abroad* (19 January-3 March) focused on the American Abstract Expressionist William Congdon (1912-1998), a close friend of Kettle's Yard founder Jim Ede. A collaboration with the Milan-based Congdon Foundation brought 10 Congdon paintings to the West Court Gallery. The works varied in scale and covered the full expanse of the artist's career from the 1950s to the 1980s. This provided a further welcome opportunity to collaborate with Kettle's Yard, who own the most important set of



Alison Wilding, 'Whervish' (2016), 'Starcrossed' (2016), and 'Bedrocked' (2013) as displayed in *On the Edge*, West Court Gallery (6 October-11 December)

Congdon paintings in the UK. The exhibition was curated by Donal Cooper and a third year History of Art undergraduate, Alessandro Rubin, marking a new step towards integrating Jesus students into the life of the gallery.

The opening was marked by a public lecture in Upper Hall by Professor Paolo Biscottini of the Catholic University of Milan (18 January), who had known Congdon before he died. On Friday 15 February we staged a packed 'Congdon in conversation' evening at Kettle's Yard with talks by Dr Donal Cooper, Alessandro Rubin, Dr Jenny Powell (head of exhibitions at Kettle's Yard), and Kyle Percy, a specialist on the Ede-Congdon correspondence. The following morning we ran tours (swiftly booked out) for the Friends of Kettle's Yard, starting in the Ede house before moving down to the Jesus Gallery.

Immediately after the Congdon show we brought the award-winning virtual reality artwork *Klimt's Magic Garden* by Frederick Baker to the West Court Gallery (7 March-10 March), which had premiered in Vienna in 2018 during the centenary of Klimt's death to great critical acclaim at the Museum of Applied Arts (the world-famous MAK). This was our first VR event (and one of the first anywhere in Cambridge) and the West Court space proved well-suited to this new medium. Equipment and software support was provided by Epic Games. For three days over 150 visitors (including Jesus fellows, students and staff) experienced the VR artwork. The event was swiftly oversubscribed and we could easily have filled the slots several times over. The gallery space was staffed throughout by Jesus art history students. Baker's lecture in Upper Hall on 7 March attracted a high-powered audience, including the film critic Mark Kermode.

Our final exhibition of the year was *Darren Almond: In Light of Time* (27 April-23 June), curated by Rod Mengham. Almond, nominated for the Turner Prize in 2005, displayed some of his latest work, including a photographic representation of the stars visible from the Southern Hemisphere; a set of paintings using conductive metal pigments and a set of sculptural plaques bearing verbal messages as emphatic as they are mysterious.

Away from the West Court Gallery, the College has benefitted from an exceptional loan (for three years in the first instance) of a major work by Anselm Kiefer, *'Let a Thousand Flowers Bloom'*. This was a challenging loan given the dimensions of the piece (over three metres tall) and its fragile nature (with dried roses tied to the picture surface). The chosen site in the Quincentenary Library also entailed lifting the work several metres off the ground. With the help of the combined maintenance departments of Jesus and St John's College the Kiefer made its way on 26 November from St John's (where it had been displayed in the library) to Jesus on the back of a flat-bed truck, stopping traffic along the way. The Curator is grateful to Rhona Watson, Quincentenary Librarian, for her enthusiasm



A still from 'Klimt's Magic Garden', a virtual reality experience by Frederick Baker (2018). Image © Frederick Baker



Richard Secker and Simon Knight of the Maintenance Department pose as caryatids during the installation of Anselm Kiefer's 'Let a Thousand Flowers Bloom' in the Quincentenary Library (26 November 2018)

and support for the display, and to Richard Secker and his maintenance team for realizing the installation.

Meanwhile, the permanent collection has been enriched through the generous gift by Professor Ian Paterson and Mrs Nina Paterson of Dame Elisabeth Frink's large print, 'Head I', which has now been framed and hung in Upper Hall to complement the three smaller prints by Frink already there.

The principal commission this year was the Master's Portrait for Professor Ian White. Our chosen artist, Ross Wilson, is one of Northern Ireland's leading portraitists, a fitting choice given Ian's Antrim roots. Sittings took place in Belfast over the Christmas vacation and Ross was able to deliver the portrait in time for the Master's leaving event in March.



Professor Ian White with his Master's portrait by Ross Wilson (March 2019)

The portrait was hung in Hall in time for the Dinner of the Society of St Radegund on 24 June.

In July Cambridge-based artist Claerwen James drew Dr Stephen Siklos's President's portrait. Meanwhile Jana Howlett's President's portrait by the Russian artist Aleksei Tararin is currently being framed and will be ready to hang over the summer.

Sculpture in the Close is taking a rest while the Kitchen project and Forum refit take over the College grounds during the long vacations, but three decades of sculpture biennials at Jesus and the growth of the permanent sculpture display were fittingly celebrated in Michaelmas with the publication of the richly-illustrated 80-page book *Thirty Years of Contemporary Art, Jesus College, Cambridge 1988-2018* by Professor Jean Bacon and Dr Jim Roseblade. Copies are available via the college gift-shop and the Porters' Lodge with proceeds going towards the works of art programme. This September we are showcasing again our *Art for Tomorrow* print portfolio in the West Court Gallery. Members of the College can purchase the full portfolio of ten prints at a significant discount and we are now able to offer a limited number of prints for sale individually. Please see the advert at the back of this Annual Report for further details.

Last, but most important, Lord Renfrew announced this summer that he is stepping down as Chair of the Works of Art Committee, having originally established and then led the visual arts programme at Jesus over thirty years. We are delighted that the new Master, Sonita Alleyne, has agreed to succeed him. For ourselves as the Works of Art Committee and on behalf of the College we would like to record our extraordinary debt to Colin for his vision and energy which through *Sculpture in the Close* has gained for Jesus an international reputation in the art world and acted as a strong source of attraction for students and the fellowship alike. It is thanks above all to Colin that the visual arts have flourished at Jesus, not only through the highpoints of the *Sculpture in the Close* displays, but as an integral part of our daily experience of the college. He hands on to us a remarkable legacy. 

The Chapel

Paul Dominiak, Dean of Chapel



Photo by Pat Boultbee

As some of you may know, the College Prayer takes the following form:

O everlasting God, who through many generations hast blessed the college which bears the name of Jesus, grant that we, its latest sons and daughters, may be fortified and clad in his raiment, and may by grace keep Jesus in our hearts, through him who lived and died for us, the same Jesus Christ our Lord. Amen.

While not as well known as the College Grace, which anyone dining in Hall will hear (often badly recited by me), this College Prayer speaks into the heart of the gift that I have received during my time here. Being fortified and clad in the raiment of Christ may seem like rather an odd and antiquated thing to pray. At its heart, however, it reminds us that we are ‘enfolded in love’, as one medieval mystic put it. Likewise, keeping Jesus in our hearts may sound like a sickly, sentimental and evangelical thing to say. Yet, this part of the prayer reminds us that our hearts represent the centre of who we are: the heart is the supreme symbol of ourselves. Keeping Jesus in our hearts, in the essence of who we are, encourages us to see the world around us with the same loving gaze in which God embraces us. Being loved, and being loving, is the gift that this College has given me, and an imaginary into which the whole community is invited and formed. The nature and purpose of Jesus College is, first and foremost, the same as the Love after whom it is named: to be lovingly seen and to see, honour, and uphold one another in love. It is providential, then, that the Latin motto above High Table, taken from Psalm 133, corresponds to the heart of the College. In translation, that motto reads ‘behold how good and pleasant it is when brothers [and sisters] dwell together in unity’. The unity of a loving nature, purpose and attentiveness to one another is exactly what I have been honoured to share in, enriched by, and which has formed me in inexpressible ways.

I hope and pray that the past four years have witnessed the Chapel embodying the College prayer to the whole community. At our centre is worship and pastoral care. Both revolve around the character of attentive and hospitable love that so marks the College Prayer. I want to reflect in turn on each of these aspects, then.

This report marks my final year as Dean of Chapel as I am leaving to become Vice Principal at Westcott House, a theological college situated directly opposite Jesus College. Westcott House train people for ordained ministry in the Church of England.

My new role will involve leading the academic side of formation as well as assisting with the senior management of the House. As it is my final report, I would like to take this opportunity to reflect about my four years in post as Dean and the life of the College, rather than the normal remarks about the events that have happened over the past year.

In our Chapel worship, we exist for the whole College community as a source of spiritual nourishment that places no demands on reasons why people might come to Chapel, what they ought to believe, or what they ought to take away. The Chapel is a free gift to anyone who may wish to come in order to rest under the loving gaze of God. It is a sign and place to be seen as beloved, for everyone is. I am incredibly grateful for my colleagues over the past four years who have helped make that loving character real. I have served alongside two wonderful and supportive Directors of Music, first Mark Williams and more recently Richard Pinel. I am always surrounded by the help and friendship of administrative colleagues, especially Alice Kane, Amy Butterworth, Harry Cheatle, Sarah Hargreaves, and Emily Weissang. Two assistant chaplains have provided fellowship and practical support, first Devin McLachlan and now Jennifer Adams-Massmann. The Choirs and Choir families, alongside the student volunteers of all kinds, have given so generously and wholeheartedly of their time and energy. It may take a village to raise a child, but it takes a city to run a Chapel steeped in love for all. Our run of services, a number of which have hundreds of people attending, are an oasis of beauty, truth and goodness only because all these people (and more) contribute so much.

In our pastoral care, we extend the loving gaze I hope people find in our worship into practical action. Through that, we hope that our love both helps people in whatever need they have and also embolden and equip people to see others in the same loving gaze. I hope that all would agree that the Chapel and its community exist not only 'for the glory of God' but also for the common good of the entire College population, regardless of faith or belief. As such, Chapel staff work as part of the College welfare system, and can often be seen taking the lead suggesting and planning new welfare opportunities with the junior and senior levels of the pastoral care network in College. One of the great joys I have had has been in my capacity as Tutorial Adviser. The College Fellows who serve as Tutorial Advisers are a committed and loving group. They are ably supported by welfare officers drawn from the undergraduate and graduate bodies, as well as a dedicated tutorial staff, college nurse and college counsellor. I am immensely thankful for the circles of care and support with which I have worked alongside. They put flesh and blood on the ideal of love. They have supported, enriched, and formed my own ministry. I trust that the welfare



Photo by Chris Loades



system of which Chapel is an integral part has also facilitated in part the growth of students into active and responsible citizens who use their talents and gifts for the common good too.

What is most remarkable for me about Jesus College is how it benchmarks success. Love is perhaps the most realistic virtue. Love looks not just on that which the world sees as a success as valuable; it is indiscriminate in what it recognises as worthy of receiving love. That means that it can take fragility and struggle seriously. Undoubtedly, whether one is a student, staff member, or fellow, one's experience of living in a collegiate community will be a mixed one of 'success' and 'failure'. In the mixed ecology of our experiences over the past few years living together, I have learned that it is not our successes or failures that define us. Our exam results don't define us or our time here. Our relationship joys and struggles don't define us either. What defines us is what and how we love. We are, and we become, what we love. The greatest joy for me of this College is that excellence is seen primarily through the lens of love and not worldly success. Caring for one another, being attentive to one another, valuing one another, these are the hallmarks of this College. That love defines us. Whoever you are, and whatever way in which you relate to College life, I hope you have found that love, above all else, defines you. The experience of love in this College community has defined me. I am forever grateful for that formation. My life would have been diminished without any one of the many people who together make up the College.

Love abides, as the Scriptures tell us. I gladly know that the loving character of Jesus College will abide. The College Chapel will welcome a new Dean this coming Michaelmas, the Revd James Crockford. Prior to assuming responsibilities in College, James was the Associate Vicar of the University Church in Oxford and Honorary Chaplain at Magdalen College. I wish him all the blessings that this College holds, and know he will find it as much of a home and gift as I have done. For now, however, I bid you all the love of God which passes all understanding. *†*

Chapel Music

Richard Pinel, Director of Music

Michaelmas Term 2018 saw an incredibly high turnover within the choir – two thirds of them were new. In addition to the regular round of Michaelmas Term services, the College Choir sang jointly with the girl choristers from Truro Cathedral, and with Clare College Choir. The Choristers sang a joint service with the St Catharine's girl choristers and another with the Neuer Knabenchor Hamburg. Britain's Got Talent star Ronan Busfield joined us for our Christmas Concert, which sold out before we had put up a single poster! It was very well received and included the premiere of a specially written arrangement of 'Mary's Boy Child' by Grayston Ives. The last commitment of the term was a trip to Windsor Castle for the Chapel Choir, who sang the four weekend choral services in St George's Chapel. The choristers were accommodated in St George's School and the gentlemen in St George's House, both within Windsor Castle.

After Christmas, the College Choir made the first of three trips to HMP Whitemoor. This important outreach signified a huge learning experience for students and staff alike, and the project (run in conjunction with *Learning Together*) was hugely rewarding for all involved and greatly appreciated by the residents of the prison. The choirs also performed as part of the annual Cambridge University Music Society Concert in King's College Chapel. This year it was Britten's *War Requiem*. The College choir joined the choirs of several other colleges to form the chorus and our choristers, jointly with the St Catharine's College girl choristers formed the children's choir.

Term-time included a memorial service for Professor David Fieldhouse, a joint service with the choir of The Royal School, Haselmere, and Ash Wednesday was sung jointly with the newly formed Pembroke College Girls' Choir. The term concluded with a rewarding tour to Romania with the combined choirs, where we sang four concerts in various venues throughout Transylvania.



The Combined Choirs on tour in Medias, Romania

Easter Term began with our final two visits to HMP Whitemoor, and we marked Holy Week and Easter with special services for Good Friday, Holy Saturday and Easter Day. Early on in term, the choirs travelled to London to perform Mozart's *Requiem* to a packed St Martin-in-the-Fields as part of the Brandenburg Choral Festival. Again we enjoyed several joint services, this time with Ibstock Place School, Peterborough Cathedral Youth Choir, Trinity College Choir and the choristers hosted the boy choristers from Bath Abbey for a weekend that included football, a trip up Great St Mary's tower, a joint Evensong and a lunchtime concert at Great St Mary's. The College Choir also gave an evensong as part of the Cambridge Female Composers Festival.

The year concluded with three concerts – one on home turf with the combined choirs, and another given by College Choir at All Saints', Hunsdon (a College Living). Perhaps the biggest event for us this year was the St Albans International Organ Festival's Three Choirs Concert. This concert is a popular component of the International Organ Festival, which was founded by former Organ Scholar and Honorary Fellow, Peter Hurford. It was particularly poignant this year as it was in memory of both him and his wife, Pat. For this event, our Combined Choirs joined the choirs of St Albans and Salisbury Cathedrals and we tackled some large scale repertoire en masse, in addition to showcasing our choirs by themselves. The Nave of St Albans Cathedral (the longest in the country) was packed, making for an incredibly memorable event!

Over the course of the academic year, we have been fortunate enough to give first performances of works by Caroline Shaw (a UK première), Ralph Schmitt (UK première), Fredrik Sixten, Alexander Campkin, Bernard Hughes, Henry Darlison, Joanna Ward (two pieces), Grayston Ives and Matthew Martin. The latter two were commissioned for our choirs, and both Henry Darlison and Joanna Ward are current choir members.

As ever, the end of the choir's year is bittersweet – it is always at this time of the year that we are able to put on our most exciting performances, however it also signals the time for various people to move on to the next stage in their lives. We are sorry to say farewell to Choristers Nathan Bennett (Head Chorister) and Hugh Chippington (who takes up a music



The Jesus College Combined Choirs 2018-2019 with Director of Music, Richard Pinel



The leavers of the Jesus College Mixed Choir 2019

exhibition at King's Ely) and to choral scholars: Amy Butterworth, Jacqueline Rowe, Sarah Mansfield, Serena Shah, Joanna Ward, Naomi Reiss, Ali Austin, Adam Fyfe, Hamish Macgregor, Brian Woods-Lustig, Ruari Patterson-Achenbach, Billy Lee and Ben Dennes.

On the Chapel side of things we are extremely sorry to say farewell to both members of the Clergy. Both Jennifer Adams-Massman and Paul Dominiak are the rocks on which the Chapel community rest and they will be sorely missed.

Recruitment of the choirs remains healthy for both of our choirs, although there is always more work that can be done on this. Our Choristers enjoy a close relationship with their opposite numbers at St Catharine's College and these joint outreach and recruitment initiatives are an important way in which the College gives something to the city community. As music in primary school continues to feel the financial pinch, this offering to the local community really increases in importance.

Jesus College Choirs are very well supported by the College and our network of generous Choir Patrons. This creates a real feeling of 'family' within the choirs and the Chapel, and helps make the Chapel such a special place within the college.

Finally, I must thank our two organ scholars Dewi Rees and Jason Richards, along with the Chapel and Choir Administrator Alice Kane for all that they have done in support of me and the choirs over this last year. ♫

The Libraries and Archives

Michael Edwards, Fellow Librarian and Keeper of the Old Library

Robert Athol, College Archivist

Rhona Watson, Quincentenary Librarian

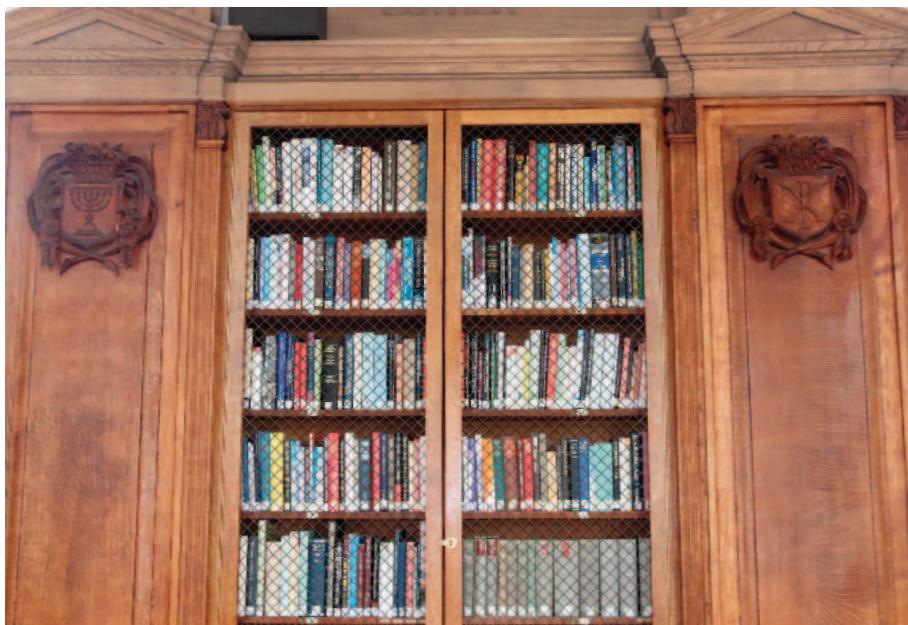
The Old Library

This year has seen a number of changes in the Old Library. After more than a decade of exceptionally dedicated service as Keeper, Stephen Heath has handed the role on to me; he remains as Honorary Keeper, and continues to be involved in the Old Library. As the new Keeper, I have spent much of the year getting to know the Old Library and its book and manuscript collections, and planning the next phase of its development. I have been very grateful to Stephen, and to Chris Barker, Deputy Keeper, and Robert Athol, College Archivist, for their help and advice as I settle into this new role.

This academic year, readers have visited College from a variety of universities and a variety of countries to do research in the College's collection of rare books and manuscripts. The collection of medieval manuscripts attracts a steady stream of readers, but a large number of enquiries relate to the collection of printed books. Each rare book can tell a story of its past readers and owners.

Scholars are therefore increasingly interested in the specific characteristics of individual books – in their bindings, in the variations that distinguish each copy, in marks of ownership, and in the annotations and marks left in them. The collection at Jesus is a rich resource for this kind of research, and I hope that it will attract more scholars in the future. Most of the printed book collection is not currently catalogued online: it is part of my long-term plan for the Old Library to ensure that it is catalogued to modern standards – this will make it more accessible to scholars from across the world, but also open up aspects of its history that are currently less well understood.





The Jesuan Collection is now on display in the Webb Library

Several significant projects have begun or been completed in the Old Library this year. Over the summer vacation, conservation specialists from Chapel Studio worked on the windows on the south side of the Old Library, which had deteriorated in recent years. Chapel Studio removed the windows, cleaned and repaired each pane of glass, and reset them in new frames. The windows returned at the start of the academic year, and were slowly hoisted back into place. Like the windows on the north side of the Old Library, which were repaired a few years ago, they are now once again ready to withstand the worst of the Cambridge weather.

The Jesuan Collection of books by or relating to members of College, which has in recent years outgrown its cramped quarters in the Old Library Annex, was moved to a new home in the Webb Library in West Court over the Easter vacation. The Webb Library, previously the working theological library of Wesley House, is a particularly appropriate location for the Jesuan collection, at the heart of the new West Court development. The Webb Library bookcases now have lockable doors, designed by Paul Vonberg, that allow the Jesuan Collection books to be displayed securely.

The move has a number of benefits, not least that visitors and members of College can now see most of the Jesuan collection on public display. A number of returning Jesuans, and current Fellows, have succeeded in spotting their own books on the shelves of the Webb. The moving process, which involved the Keeper, Deputy Keeper, graduate students Roisin O'Donohoe and Anna Albiero, a trolley, and many sturdy cardboard boxes, was completed in two days, to the relief of all involved. The Jesuan Collection continues to grow annually, thanks in part to the generosity of members of the College who donate their publications (books, pamphlets and publications in other formats). New donations are always welcomed.

Rare books need regular attention, and the Old Library has begun a long-term project to clean its printed book collections, to run alongside the work carried out on its manuscript collections by the Cambridge Conservation Consortium. A conservation team from the National Association of Decorative and Fine Arts Societies (NADFAS) is currently working in the Old Library, beginning at classmark 'A' and working through the alphabet. We expect

that the cleaning process will take several years. Each book is carefully removed from the shelf, cleaned with special brushes and a conservation-grade vacuum cleaner, and its condition noted, before it is returned to its proper place. The process is skilled and painstaking, and absolutely necessary to ensure that the collection is maintained in the best possible condition.

Libraries, like most institutions, change and evolve over time. Although the physical fabric and collections of the Old Library have changed relatively little since the early nineteenth century, each new generation of scholars and visitors finds new reasons to visit and to value it.

College Archives

As with every year, developments have continued apace in the College Archives. Our superb team of student volunteers have continued to work on the project to index the College accounts and catalogue the corresponding original receipts, all dating from the 17th to the late 19th centuries. Huge thanks go to the ongoing contribution from Vera Wolkowicz, David Wilson and Alice O'Driscoll, who have volunteered in previous years, and to newcomers Adam Borthwick, Clemi Collett, Roisin Donohoe, Vicky Gray, Kate Horvat, Vanessa Knight, Rebekah Lippens, Arthur Rothier-Bautzer and Grace Whorall-Campbell. Thanks also to recent graduate Paul Aste from Caius who has also contributed to this project as well as Mark Wilson, Lesley Hindley and Dee McQuillan who are using this practical experience to contribute towards their archive qualification.

This project continues to reveal further insights into College history and those who lived and worked here including detailed descriptions of plants bought for the gardens in the early 19th century, providing provenance for items of silver and art work still in the College's possession, the daily lives of tenants of College properties and the charity afforded to various individuals including destitute widows, prisoners in the town jail and 'deserving poor' of parishes to which the College was connected.

A group of archaeology student volunteers consisting of Maja Lezo-McFarlane (St John's), Alison Owen (Newnham), Ishbel Russell (Trinity) and Robert Sizer (St Catharine's) have also spent part of the last year cataloguing the archaeological finds found during excavations on the College site which were deposited with the College Archive by the county archaeology service in October 2018.

Volunteer Pat Holder, is persistent in repackaging and rehousing both student files and maps and plans of the College site and external properties, a job for which we are most grateful. Some of these maps and plans have then been catalogued by architecture student volunteer Yufei Li.

Jude Brimmer, Archivist at Clare, finished cataloguing the papers of Laurence Picken, whilst student volunteer Xiaodong Xu translated captions written in Chinese describing about 150 photographs depicting an expedition in China on which Picken was present. In addition to the financial papers, Lesley Hindley has also been cataloguing a collection of correspondence to and from Steve Fairbairn.

Many of the finds made by volunteers, along with other items held in the College Archives, often provide inspiration for the 'Archive of the Month' feature which is continuing in popularity and are also often highlighted on the College Archives Twitter page.

After two years in post, Robin Payne, the Assistant Archivist, has left to take up the position of Archivist at Addenbrooke's Hospital. His work cataloguing the extensive collection of property and estate papers has been invaluable as has his support running an increasingly busy Archive. Robin's successor, Katy Green, will be starting in post in September. Katy already has experience working in the Jesus Archives having catalogued the



The Archive volunteers at work

correspondence of Freddy Brittain and will bring a wealth of experience to the role from her time working in the Archives of Lloyds, the BP Archive and the University Library.

Donations of records have been made to the Archives throughout the year including May Ball ephemera from this year's May Ball, numerous mid 20th century sporting photographs including those relating to rowing and lacrosse, a 1920s College crested ashtray and 1930s College crested sports clothing including scarves and blazers. These accessions are always much appreciated and any further donations of College related items from alumni are always greatly received.

The catalogue descriptions for the collections and documents above mentioned can also now be viewed on the new online Archives catalogue at:
<https://collegecollections.jesus.cam.ac.uk/index.php>

Progress has also been made with several significant donations of personal and research papers of alumni. Cataloguing the personal and research papers of Ian Stewart, Lord Stewartby, which were deposited in May 2018 and consist of papers relating to his significant numismatic research relating to the coinage of England and Europe, will begin in the Autumn.

The papers of Peter Hurford, organ scholar at the College in the 1950s, which were deposited by his family at the beginning of 2018 are nearly catalogued for which I am most grateful to Vera Wolkowicz and Alan Tongue. They include tour diaries and associated papers, original compositions, edited printed scores and correspondence, much of which provides a particularly enlightening insight into the approach to the music of Bach in the 20th century.

A significant collection of personal papers belonging to Cecil Tyndale-Biscoe, a Jesuan of the late 19th century, were kindly donated by his grandson, Hugh. Amongst other records, the collection consists of bound volumes of illkustrated travel diaries, photograph albums and photographs depicting his journey and life in Kashmir in the early 20th century and notebooks containing beautifully painted views made by him during his travels. The collection complements existing notebooks of drawings already held in the College and, once catalogued, will collectively make for an important archive demonstrating the life of an important late 19th and early 20th century missionary and educationalist.

Researchers to the Archives have continued to visit and have had interests ranging from documents relating to the village of Little Abington, the interests of Coleridge and his circle and the origins of the University's original botanic gardens, whilst numerous biographical enquiries, and those specifically concerning the papers of Jacob Bronowski continue to be received on a regular basis.

The Quincentenary Library

The Quincentenary Library continues to be a much-valued part of the College, receiving extremely positive feedback from undergraduate and graduate members. Students clearly value the thoughtful efforts that the Library staff make to support their studies, and to provide a welcoming environment. As well as the usual programme of book purchases, this year also saw the introduction of board games for diversion and stress relief in the Library in Easter term. New automatic doors were fitted at the start of the academic year, and, after a few teething problems, are now working well. Substantial changes to the University's book circulation system, which will affect the College, come into force over the summer vacation. The most significant change is the introduction of "autorenewals"; books will now renew automatically until a borrower leaves the College, or until the book is recalled by another user. Although the Quincentenary Library has never fined Jesuans for late books, this innovation raises the prospect – welcome for some borrowers, Fellows as well as students – of an end to overdue notices.

This year also saw the arrival of a substantial and significant work of art in the Library. The painting *Let a Thousand Flowers Bloom* (2000) by Anselm Kiefer, depicting a statue of Mao Zedong covered with dried foliage and flowers, now hangs on the curved wall in the entrance to the Library, where it greets readers and visitors.

Rhona Watson, the Quincentenary Librarian, was recognised at the Wildlife Trust's 2019 Gardening at Work Awards for her video of a nesting water vole, which won the Best Wildlife Sighting at Work category for the College. No small mammals have been spotted in the Library itself, but the new automatic doors may mean that it is only a matter of time! ☺



Books and Articles by Members and Old Members of the College donated to the Libraries 2018-2019

The donations acknowledged here are those received before the end of June 2019.
Any items received after that date will be listed in next year's Report.

BACON, J. (Fw 1997-2010; EFw 2010-) i) *Jesus College Cambridge: Thirty Years of Contemporary Art*, Compiled by Jean Bacon and Jim Roseblade (Cambridge, Jesus College, 2018); ii) *Jesus College, Contemporary Sculpture Collection*, compiled by Jean Bacon and Jim Roseblade (Cambridge, Jesus College, 2018); iii) *Art in Response to Nature: Works of Jean Bacon* (Cam Rivers Publishing, 2018).

BARR, R.A. (1996) *Bellies, Bowels and Entrails in the Eighteenth Century*, edited by Rebecca Anne Barr, Sylvie Kleiman-Lafon and Sophie Vasset (Manchester, Manchester University Press, 2018).

BEASLEY-MURRAY, P. (1963) *This is My Story: a Story of Life, Faith, and Ministry* (Eugene, Wipf and Stock Publishers, 2018).

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The Intellectual Forum

Dr Julian Huppert, Director

The past year has been the second in which the Intellectual Forum has been fully functioning, and has involved a wide range of very successful activities. Our aim continues to be to get people thinking and talking about a very wide range of interdisciplinary subjects, and we are particularly keen to have more interactions with Alumni/ae, either in attending our events, or as speakers.

Highlights of the year have included external speakers such as Baroness Helena Kennedy, who gave the 2019 Lisa Jardine Lecture, and Harry Shearer, best known as Mr Burns from The Simpsons and for writing 'This is Spinal Tap'. We've also heard from US Foreign Policy expert Prof Michael Mandelbaum, Ken Li, the CEO of one of China's largest home robotics companies, and our own Preti Taneja, whose fantastic novel *We that are young*' has won numerous awards.

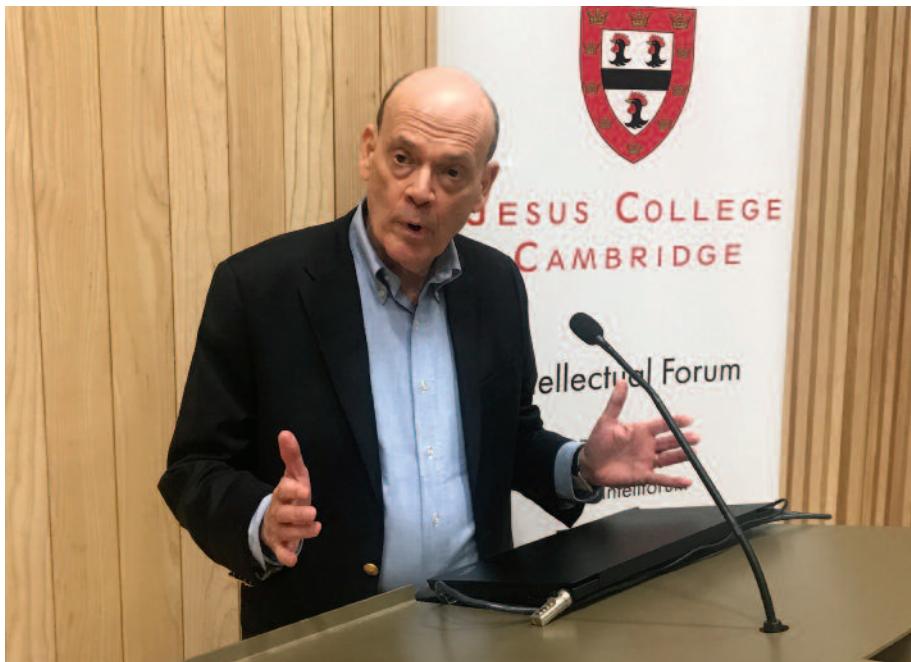
We also hosted BBC Radio 4's *Any Questions*, thanks to an introduction from Nick Ray – it was one of the last ones to be hosted by Jonathan Dimbleby, and was a great way to show off the gorgeous Frankopan Hall to a wider public audience.

Through the Cambridge Science Festival and the Festival of Ideas, we also provided many opportunities for members of the public to hear of the great work being done by Fellows and other members at the College, presenting talks and discussions on such diverse subjects as Facebook and what it does to society, whether the State should recognise marriage, what the future may hold for quantum computers, and how holography works – and whether it can lead to much improved virtual reality.

We also ran a number of significant conferences, including the second Yidan Prize Conference: Europe, a teacher-oriented event on education, and a major event with the Wellcome Trust on the use of NHS patient data by technology companies, which is already changing national policy.



Award-winning author and Jesus Fellow Commoner, Preti Taneja, discussing her work



Professor Michael Mandelbaum

The successful Rustat Conference series continued, discussing topics such as careers and diversity; AI, Big Data, and healthcare; and China's role in the World, with very high level attendees. We continued our programme of hosting summer students, and this year's pair, Joe Smallman and Sophie O'Reilly, have had very successful projects looking at inequality and devolution, and the way single parent families are represented in the media, learning a lot of new skills and getting work published.

There's a lot going on – come and be part of it! 



A Rustat roundtable discussion

Science Fiction and Artificial Intelligence

Jonathan Samuel Cornwell, Senior Research Associate, and Executive Director of the Science & Human Dimension Project

On 16-17 May the Science & Human Dimension Project (a public engagement with science programme at Jesus) held its sixth conference on Artificial Intelligence, in a series that started in June 2016. Entitled Ethical and Religious Perspectives on Artificial Intelligence, the meeting brought together some 70 scholars in the fields of computer science, anthropology, philosophy, theology, ethics and religious studies. Representatives from the world religions were among the participants: including Christianity, Judaism, Islam, Hinduism, and Buddhism.

Our previous conferences had covered the technical aspects of AI current and future, while exploring social, political and economic implications. We had pondered psychological perspectives, and attempted to promote dialogues with people in the humanities. An entire meeting had been given over to machine intelligence in literature and film.

We never doubted that a discussion of ethics and religion would be inevitable, and not without its difficulties. We started by recalling attempts to raise questions from these perspectives in the past. It was noted that Norbert Weiner, a founder of machine learning, then known as “cybernetics”, prophetically addressed in his 1964 book, *God & Golem, Inc*, the twin concerns of playing God, and the reduction of a broad range of human affairs – economy, food security, environment, health, education, welfare – to machine “games”, with a consequent abdication of human responsibility.

Rabbi Dr Raphael Zarum, Dean of the London School of Jewish Studies, drew on the Torah’s account of the human species as an “artificial” version of God’s Image to yield the analogy of God creating humankind as the first AI. This analogy in turn, he argued, offered guidance around the ethical development and use of artificial intelligences, demanding a recognition of the fundamentally ethical, embodied and mortal nature of humanity.

Dr Beth Singler, Junior Research Fellow in Artificial Intelligence, Homerton College, Cambridge University, explored the entanglements of AI and religion through the migration of pseudo-religious descriptions of technology on social media from the realm of humour and parody into more mainstream and serious usage. There are such things as AI-inspired new religious movements, she noted – and a mixture of mounting tradition,



the charisma of AI-boosting commentators, and the apparent reasonableness of AI's triumph marks them out as of significant influence.

Dr Fenella Cannell, Social Anthropology, LSE, discussed the importance of acknowledging science and technology as socially and economically embedded. With reference to Shoshana Zuboff's critique of "surveillance capitalism", she critiqued technological determinism alongside tech monopolies self-serving sense of their own creations as somehow inevitable – and advanced the suggestion that we need to think critically and decisively about different possible future directions for tech, alongside the extent to which many current social media systems fuel grievance and trauma.

Dr Yaqub Chaudhary, Research Fellow in Science & Religion, Cambridge Muslim College, discussed how contemporary accounts of AI can be understood and made consistent with Islamic theology, noting that Islamic teaching presents a highly favourable outlook towards technology that would welcome the managed and thoughtful deployment of AI. Focusing on the fact that a machine's environment consists of its data inputs, and is thus a purely mathematical construction, he suggested that many problems in the emerging field of AI ethics can be advanced by understanding the virtual world of AI itself – and how this is then mapped onto, and alters, the human sense of self.

James Kingston, Research Manager, CogX, suggested a definitional problem in AI ethics thanks to the broadness of the values it ought to encompass – and the degree to which industry is often anxious to appear legitimate in the world's eyes. Drawing on East Asian cultural and religious perspectives, he highlighted the diversity of attitudes to AI across the world, and the contrast of Shinto, Confucian and Daoist attitudes to those of western Christianity, and its emphasis on individualism and unitary single minds.

Professor Neil Lawrence, Head of AI Research, of the Amazon corporation, contrasted the immensely low bandwidth of communications between humans with the immensely high bandwidth of communications between machines. Humans have huge processing capacity inside their minds, but almost all of this is spent on modelling the actions and intentions of other humans, making contextual understanding vital for the collective intelligence of humanity as a social species. This "information isolation" is what makes us human, and it profoundly differs from our creations' mediation and handling of data.

Professor Eileen Hunt Botting, Notre Dame, South Bend, Indiana, US, discussed Mary Shelley's novels *Frankenstein* (1818) and *The Last Man* (1826) and how their conceptualization of apocalypse relates to current strands of thinking around AI. By rejecting Romantic naïveté and pessimism, Shelley offers a remarkably resilient vision of human culture and civilization in the face of disaster, and also suggests via the Creature at the heart of Frankenstein a model for AI as the embodied, suffering offspring of its creators, complete with the ethical responsibilities and complexities this quasi-parental relationship entails.



Revd Dr Malcolm Brown, Director of Mission and Public Affairs, Church of England, used the Swedish TV series *Real Humans* to illustrate moral questions around the boundaries between humans and machines, and what our treatment of machines says about our own moral status. As embodiment becomes less relevant to our relationships with one another, we may be encouraged to over-estimate the importance of intelligence as an attribute; what we should do, instead, is ensure a compassionate, empathetic and inclusive definition of humanity, and assert what we owe to one another.

Dr Gorazd Andrejč, St Edmund's, Woolf Institute, Cambridge, drew on Turing's 1950 article "Computing machinery and intelligence" in which he proposed "can machines think?". What can we learn from the increasing range of mental terms like "thinking" and "deciding" and "seeing" that we now apply to the activities of machines without even registering that these may be problematic? By investigating posthumanist and transhumanist attitudes to humanity, it may be possible to speak more inclusively of a moral realm that is not centred exclusively around humans. But it is unlikely we will ever fully be able to decentre humanity from this discussion or its terms of reference.

John Wyatt Emeritus Professor of Neonatal Paediatrics, Ethics and Perinatology, University College London, discussed the rise of digital assistants and human-seeming AIs together with the potential confusions this creates, especially in the context of healthcare. Does the encouragement of anthropomorphism by AI designers matter? Yes, because our uniquely human ability to anthropomorphize renders us open to manipulation and deception – and because the idea of a machine truly providing care is a misnomer, representing the loss of something precious.



Dr Simone Schnall, Reader in Experimental Social Psychology, University of Cambridge and Fellow of Jesus College, contrasted two broad philosophical camps around right and wrong: the rational camp along the lines of Kant's universal moral laws; and Hume's morality based on sentiments. Her experimental research suggests the significance of sentiments in moral judgements, especially when it comes to disgust, induced by a foul smell, which appears significantly to increase the harshness of moral judgements when present.

The suggestion is that moral judgements fall into the domain of quick, unconscious decisions, closely connected to bodily sensations.

Dr Daniel de Haan, Oxford University, suggested that there was something fundamentally incoherent about key aspirations in AI ethics. If it is true that AI operationalises basic human values, and that we need ethicists to help us address these, we are left with two questions: whose basic human values are we talking about – and which ethicists do we hire? There are, however, no rational, obvious views that everyone rational being will agree to, so the idea of a single set of "basic human values" is a chimera. Moreover, there are no ethicists available who have all the skills and experiences necessary to address the interlinked implicated fields around AI ethics. The inescapable question is: is it merely power to enforce ethical norms or true ethical norms that we seek and need in our ethical norms?

Dr Ron Chrisley, Dept of Cognitive Science, University of Sussex, addressed a paradox in the notion of ethical artificial intelligence, based on the distinction between "begetting" versus "making". For X to make Y responsibly, X must have reasonably complete

foreknowledge of how Y will behave. If this is not the case, it is irresponsible for X to bring Y into existence. Yet Y is only a fully intelligent agent if it is responsible for its own actions. The problem is thus that, in so far as a design process is ethical, it cannot yield true artificial intelligence. If we have foreknowledge, our creation is simply an extension of our will: it is not intelligent. By contrast, insofar as Y is truly free of our intentions, it is truly intelligent – but its making cannot be ethical, because we cannot sufficiently know what it will do. So, making true AI ethically is impossible: if you have control, you haven't made a free agent.

Steve Torrance Visiting Senior Research Fellow, COGS, University of Sussex suggested a product cycle model for technology that starts with lab experiments, then moves through mass marketing to proliferation, and then to various unforeseen consequences – followed by questions of responsibility, reversal and public consent. Have the public consented with their wallets, so to speak, by purchasing products like plastics, or AI and its companion technologies? In an important sense, no, because there wasn't a moment at which people were asked if they truly wanted the proliferation of such a product and its effects. AI, he suggested, is best thought of as an ecosystem problem alongside global warming, loss of biodiversity and other such threat factors – because of its vast and accelerating significance, and the difficulty of making its technologies conform to our species's basic goals and needs.

Dr Andrew Davison, Starbridge Lecturer in Theology and Natural Sciences in the Faculty of Divinity of the University of Cambridge, suggested that neither dualism nor monism are the most useful ways of understanding the relationship between mind and materiality – and advocated, rather, a “strong emergentist perspective” in which a complex system can be both wholly material and have radically new powers and properties to those of its constituent parts. He believed that such a perspective could take the possibility of Artificial General Intelligence in its stride.

Fr Ezra Sullivan OP, Professor of Philosophy and Theology, University of St Thomas Aquinas, Rome, described the strong interest of Pope Francis in engaging with AI, and the Catholic Church's beliefs around human genome editing. Drawing on the scriptural distinction between generation and manufacture, he argued that the process of human generation should remain a natural one – and that, although everything we do may be natural in one sense, it is not truly humane unless it respects universal dignity and rights.

In a more light-hearted vein, among the six journalists present at the meeting, Richard Addis, formerly Editor of the *Toronto Globe and Mail*, and more recently Editor in Chief of *Newsweek*, offered the following potential headlines arising from some of the ideas that bubbled up at the meeting and during the breaks: “AI Is Reinventing Religion” (Beth Singler); “To Learn Morality AIs Must Learn to Die” (Raphael Zarum); “AI Spells the End of Forgiveness (Fenella Cannell); “Electronic Fasting Is the Next Big Trend” (Usama Hasan); “Robots are Currently Saying 15m Prayers a Day” (Usama Hasan); “Animism is Back as Trees, Houses, Drones & Bees Talk” (James Kingston).

A full report by Dr Tom Chatfield of the meeting is available on the website: [Science-Human.org](http://science-human.org), as well as filmed segments and interviews. A book is in preparation, and educational materials being developed for schools. An article by John Cornwell is available on the *Aeon* online magazine website: <https://aeon.co/essays/imagine-if-we-didnt-fear-the-machines-of-our-own-making>

The last three of our AI conferences were funded by Templeton World Charitable Foundation.

We encourage involvement of all College members, staff and alumni, in the project as we approach the 30th anniversary of our founding in 2020. Contact us by email: jc224@cam.ac.uk

Visit our website: science-human.org ¶

Bursary

Richard Anthony, Bursar

Much of the work of a Bursar focuses on the development and maintenance of the College's estate. This year has been no different as we have made significant progress on our plans for a major redevelopment of the College Kitchen. Unseen by many, the catering staff produce up to 1,000 meals per day, ranging from servery lunches in the 'Caff' to high-end College feasts. All this is currently produced in an area that has not fundamentally changed for centuries. Having gone through extensive internal consultations, and following discussions with the local authority and Historic England, the College is on the point of submitting planning permission for the project. As a Grade I listed building, this is not without significant challenges, as it involves constructing two extensions into Pump Court. In doing so, we will not only transform the working conditions of our staff, but also make our catering and dining facilities fit-for-purpose for the coming decades. There will be fully disabled access to the Dining Hall and Upper Hall, an enlarged and improved servery providing meals for our students and staff, and a more environmentally sustainable and efficient operating environment.

We were able to share our plans with many of our alumni at the Donors' Garden Party in July. The enormity of the task became apparent to many when we explained that we would have to close the kitchen, the Dining Hall and Upper Hall for 15 months. Fortunately the College is blessed with space, and, as part of the project, we are planning to refurbish the Forum buildings (the old Marshalls garages next to the squash courts) to create space for a kitchen and temporary dining hall and upper hall. Once the work on the new kitchen is completed, this refurbished space will then be available for the College for use as space for college and revenue-generating activities. A start has already been made on the kitchen project with archaeological investigations taking place in Pump Court this summer, and the conversion of the Forum planned for completion in Easter Term 2020 in time for the start of the main construction works in July 2020.



The two extensions proposed for the kitchens at the pre-application stage



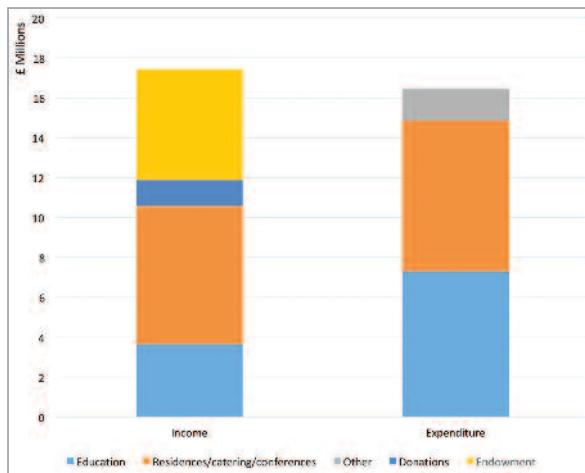
A computer generated image of the proposed temporary Dining Hall to be created within the 'Forum'. The material to be used on the floor is under discussion

During the last few years, the College has been reviewing its financial structure and the requirements of its long-term capital projects and investment programme, supporting both the College's main site and its wider property holdings. In the light of the current very low long-term interest rates, the College raised £40 million of debt through two long-dated private placement bonds, maturing in 2058 and 2068, with £14 million used to refinance existing debt. By reducing the need to draw down capital from the endowment and providing capital for future investment, this will allow the College to maximise the value of its endowment, creating higher long-term financial returns.

The College's endowment continues to be managed to provide steady, long-term real rates of return, supported by advice from the College's Financial and Property Investment Committees. Property in and around Cambridge remains a focus for significant future gains. As well as engaging in smaller development projects at Harston and Elm Street, Cambridge, the College has larger development opportunities it is pursuing to the south of Cambridge (close to J11 of the M11), the west of Cambridge (beyond the University Rugby Ground), and on Station Road. In 2017/18 returns from the College's financial and property investment assets were 6.5% for the year ended June 2018, slightly below the target of 4%+RPI, reflecting the subdued performance of the financial and property markets. It is difficult to see a substantial upturn in investment performance over the next few years, given the likely impact of Brexit, increasing trade tensions and slowing global growth.

As well as investment markets that are likely to produce lower returns, the College faces a number of strategic and financial challenges over the next few years. Brexit continues to create considerable uncertainty for fellows, staff and students. Pension costs are rising with a continued debate over the future of the USS pension scheme. In addition, undergraduate student fees are possibly going to be reduced following the Augar review, and there is heightened political and public interest in accessibility and participation at elite universities such as Cambridge. How the College responds to these challenges will undoubtedly result in further financial pressure. This is against a backdrop where the College continues to increase its expenditure on education without a commensurate increase in fee income, resulting in a growing deficit on our education account. As demonstrated in the graph below, donations and endowment income are therefore extremely important to the running of the College, and are the only way that the College provides high levels of educational and academic support for its students and fellows.

College Income & Expenditure 2017/18



These are challenges that can only be faced with the support of my colleagues, and I would like to pay particular tribute to Professor Ian White, the former Master, who left the College to become Vice-Chancellor of the University of Bath in April. His unstinting service to the College both as a Fellow and Master is an example to us all. I am very grateful to Professor James Clarkson for stepping in as Vice-Master, helping keep the ship steady as we await the arrival of the new Master, Sonita Alleyne OBE, who will bring a broad breadth of very valuable experience to the College.

At the core of the College's services to its members are its very dedicated staff. I would like to make special mention of Simon Hawkey, who left the College in September 2018 after 16 years' service as first Manciple and later Domestic Bursar. I would like to welcome Stuart Websdale, who joined the College as Domestic Bursar in December 2018 from the Moeller Centre, Churchill College. One of the more pleasurable duties of my position is to write to members of staff, who have been given long-service awards:

Ten years:

Nathan Simpson – Catering
 Jason Thulborn – Porters
 Ewelina Klugiewicz – Housekeeping
 Adam Fawkes – Porters

Fifteen years:

Tim Hurst – Catering
 Mynga Ha – Housekeeping
 Simon Knight – Maintenance

Twenty years:

Linda Mangan – Housekeeping

Twenty-five years:

Rhona Watson – Quincentenary Library
 Matthew Harrison – Catering
 Carl 'Alex' Perkins – Quincentenary Library

Thirty years:

Paul Stearn – Gardens

Development and Alumni Relations Office

Emily Williams, Director of Development and Alumni Relations

Over the past academic year, my first in this role, I have been inspired by the many alumni and friends who give so much to Jesus College. The generosity of the alumni and wider community reminds me of a Chinese Proverb: *continually give, continually gain*. Alumni and friends are giving in so many ways, from much needed and gratefully received philanthropic support, to sharing expertise, insight and memories through engagement with College talks, lectures and alumni events, and everything in between – the College gains so much as a result. As ever, a highlight of the year has been the many interactions with members of the alumni community; it has been an honour and an inspiration to learn about your experiences of the College. It was in this spirit that I was very keen for the name of this office to reflect better on the full scope of activity that we do, which is why we are now the Development and Alumni Relations Office.

The year was also marked by change. We said goodbye to the previous Master, Professor Ian White FREng, in April and were delighted to announce the election of the new Master, Sonita Alleyne OBE, who will officially join the College in October.

As I look forward to the coming years, I see the Development and Alumni Relations Office as a portal through which alumni can stay connected with College, be that through attending an event, connecting with friends, supporting a cause that is important to them, or re-engaging with the intellectual ideas that brought them to Cambridge in the first place. The College benefits enormously from its community of alumni and friends and it is important that multiple pathways of engagement beyond simply the financial are available and accessible. I encourage anyone interested in exploring these to be in touch.

This year we have continued to organise a full and diverse programme of engagement opportunities, with 25 significant events and many smaller activities taking place. It has been wonderful to hear how much those attending have not only enjoyed the events but found them enriching and valuable. Alongside reunions, anniversary dinners, JCCS



Alumni, Fellows, and guests at the inaugural 70 Years On Lunch last November

activities, and donor recognition events, we have enjoyed a number of significant highlights and firsts. Indeed, thanks to the generous help of James O'Donnell (1979, Honorary Fellow) we were able to hold the JCCS London Reception in Westminster Abbey. It was a truly wonderful evening, which we hope to repeat in the years ahead. Another first was our inaugural 70 Years On Lunch, which took place in November. It was a tremendously convivial occasion, and a great honour to spend time with alumni who have had such a long-standing relationship with the College.

Through the generosity of our extended community we continue to be able to support our core priorities – undergraduate bursaries and postgraduate scholarships, the supervision system, and our buildings and facilities – as well as a host of other key causes including the Choir, prizes, conferences held in College, and outreach and widening participation initiatives.

Staffing wise, we are delighted that Mrs Ali Spragg has joined the team as a part-time Development Assistant. Ali has worked at the College for 29 years in a number of offices, and brings a tremendous wealth of experience to Development and Alumni Relations. Mrs Nikki Williams and Ms Alice Holohan were recognised for their service and commitment with promotions to Senior Development Officer roles.

During my first full academic year in office, I have greatly enjoyed immersing myself in this wonderful community. In addition to interacting with alumni and friends, I have become more involved with the activities of Fellows and students, and appreciate even more what a wonderful place Jesus College is. I look forward to continuing to contribute to its growth and development.



Andrew Harbor (1975), John Dugdale Bradley (1961), Mr Wang Minning, the Vice-Master, Dr Gavin Stark and Mrs Emily Winslow Stark following their induction into the Society of St Radegund



Student callers in the 2018 Telephone Campaign greatly enjoyed talking to alumni and learning about their experiences both during and after their time at College. We were delighted to raise £80,000 towards undergraduate bursaries, our buildings and facilities, and the supervision system amongst other needs within the College

Recognition of Major Benefactors

On the 24th of June the College inducted Andrew Harbor (1975), John Dugdale Bradley (1961), Mr Wang Minning, Mr Gavin Stark, and Mrs Emily Winslow Stark as Members of the Society of St Radegund. John Driscoll III (1983) and James Rudolph (1965) were admitted as Members during the year, but could not join us for the induction ceremony. Guests enjoyed an organ recital from Senior Organ Scholar Dewi Rees (2016) and Junior Organ Scholar Jason Richards (2018) in Chapel before drinks in the Master's Lodge garden and dinner in Hall.

Bequests

The College wishes to record its great gratitude for the following bequests received during the year 2018-19:

Mrs Barbara Bain, £122,659; Jonathan (Jon) Kissock (1981), £20,000; Thomas (Dick) Cashmore (1948), £200,000; David Greenwood (1951), £74,149; Ivo Smith (1951), £10,000; Henry Deakin (1946), £54,811; Rollo Woods (1947), £1,000; Mrs Elma Troughton, £2,500; Mr Phil and Mrs Lucy Vignoles, £75,000; Peter Cronk (1946), £1,000; Mrs Ellen Baxter, £25,809; Professor Alan Cuthbert (1968) Fellow and Honorary Fellow, £30,000; David Nickol (1952), £500; Nicholas (Nick) Horner (1956), £50,129.

Calendar of Events 2019-2020

12 October 2019	The Fortieth
19 October 2019	A Celebration of Classics at Jesus
6 November 2019	Fifty Years On Lunch (1969)
11 November 2019	Sixty Years On Lunch (1959)
20 November 2019	Seventy Years On Lunch (1949)
27 November 2019	JCCS London Reception (The Oyster Shed, London)
10 January 2020	Reunion Dinner (1964, 1965, 1966 & 1967)
29 January 2020	Glanville Williams Society Reception (Squire Patton Boggs LLP, London)
22 February 2020	MedVet Dinner
27 March 2020	MA Dinner (2013)
3 April 2020	Reunion Dinner (1931-1957)
18 April 2020	JCCS Spring Dinner (Oxford & Cambridge Club, London)
6 May 2020	1496 Society Lunch
9 May 2020	JCCS Wales Dinner (Hilton Hotel, Cardiff)
13 June 2020	JCCS Buffet Lunch and Marquee at the Paddock, Fen Ditton
22 June 2020	Society of St Radegund Dinner
27 June 2020	Annual Donors' Garden Party
27 June 2020	Anniversary Dinner (1980, 1990, 2000, 2010)
5 September 2020	Postgraduate Reunion
26 September 2020	JCCS AGM & Annual Dinner

Invitations to all the above events will be emailed or posted to those concerned. If, however, you wish to attend any of these events but do not receive an email or postal notification, please contact the Development and Alumni Relations Office by telephone: +44 (0) 1223 339301 or visit the alumni events section of the College's website where details are also posted: <https://www.jesus.cam.ac.uk/alumni/events>

MA Dining

Once you are an MA, and provided you are no longer studying at Jesus, you are welcome to dine at High Table with us free of charge twice a year and bring a guest at your own expense. It can be a great opportunity to keep in touch with old friends and Fellows.

There's no dining on Saturdays but we can usually accommodate alumni visitors on Sundays during term. The other available days are Tuesdays, Wednesdays, Thursdays, and Fridays. Booking ahead is essential. Please contact the Manciple's Office by emailing manciple@jesus.cam.ac.uk or phoning +44 (0)1223 339485 for further details and to book your place.

Accommodation

The College is able to offer ensuite rooms in West Court on a B&B basis. We can't guarantee that we'll have space, but it's certainly worth trying us first if you're planning a visit to Cambridge. Please contact the West Court Reception team by emailing reception@jesus.cam.ac.uk or phoning +44 (0)1223 760571 for further details. ☺

Societies



Societies

Student Union

Jesus College Student Union have had a wonderful year so far, following on from the excellent success of the former committee. After a smooth handover, we started work straight away and have really enjoyed providing avenues of welfare and support for fellow Jesus students. At the start of Lent term, we decided to put on a series of 'Refresher' events to help first year students to continue to settle into University. This included inter-college bops and the launch of our 'Friday Night Jesus' – a weekly event put on by our Ents Officers, Adam and Joe. Friday Night Jesus has been an astounding success so far, with highlights including the silent disco and a performance from Cambridge Footlights.

As President, it has been an absolute privilege serving the college as it transitions into a new era, with the election of a new Master. In particular, it was an honour to be involved in the mastership election process and on behalf of all the students, I would like to congratulate Sonita upon her appointment. I cannot wait to welcome and work alongside Sonita in October. It has also been very rewarding working alongside senior members of college this year to improve areas of college life, such as increasing the use of West Court for students and I am very gracious for their continued encouragement. In particular, I would like to take this opportunity to thank The Rev Dr Paul Dominiak for his support and guidance throughout the year. He has been a wonderful Senior Treasurer, Dean of Chapel and Tutorial Adviser, just to name a few of his numerous roles! He will certainly be missed by all students in college and we wish him all the best moving forward.

Other highlights of the year have included Halfway Hall, organised by the vice-President, Olivia to commemorate second year students passing halfway through their degree. Another highlight was Jesus College's first 'Week of the Woman', organised by Emma Loffhagen (Women and Non-Binary Officer) to celebrate International Women's Day in March. During this week, we welcomed social media influencer and entrepreneur, Grace Beverley, also known as 'GraceFitUK' – an event that would not have been possible without the support of the Intellectual Forum. We have also organised several very successful formal dinners to raise money for charities. We continue to increase awareness about environmental issues both within college and the wider world through the diligent work of Green Officer, Zannah Lindley. She has started planning events for Jesus College's first ever Green Week in Michaelmas and I cannot wait to see what is to come! The year finished with a delightful garden party in the June sunshine which featured a series of inflatable bouncy castles and the final of Jesus College's 5-a-side football tournament. It was a lovely evening enjoyed by all and would not have been possible without the support of the fantastic catering department and bar staff.

As Michaelmas term approaches, we look forward to welcoming the new freshers into college and hope to make their experience as enjoyable as possible, during the numerous events we have planned in Freshers' Week. It has been a true honour serving as JCSU President alongside such a wonderful, caring and hard-working committee, made even better by the amazing students at Jesus College. I would like to wish the best of luck to all those who are graduating this year and thank everyone for their support shown towards the JCSU in 2019.

Sorcha Keenan



Middle Combinaton Room (MCR)

When I campaigned for the MCR Presidency, I did so on the platform of revitalising the MCR to make the it more responsive to the needs and interests of the graduate community. I have remained true to those commitments. Over the course of the 2018-2019 academic year, I spearheaded a process of constitutional reform. This saw the number of social officers increased, the post of Black and Minority Ethnic (BME) Welfare Officer established, and a transparent basis for the eligibility of integrated masters students for MCR membership created. Additionally, measures were put in place to facilitate the increased participation of registered partners in MCR activities and life in College. It was a distinct honour to co-chair interview sessions of shortlisted candidates for the Mastership, with the JCSU President. In this regard, the graduate community welcomed the selection of Sonita Alleyne as the new Master of Jesus College, the first black head of an Oxbridge college and the College's first female Master.

At the programmatic level, the 2018-2019 academic year was exceptional. In Michaelmas term, the MCR welcomed 178 new graduates to its vibrant community, an estimated 10% increase in graduate admissions. Freshers' Fortnight was extremely successful. There was increased participation in this year's College Parents Scheme. Supported by the Graduate Tutors, a bi-weekly Sunday 'Conversational English Tea' was introduced, to expand our welfare programme. This was intended to support the communicative skills and build the confidence of interested international graduate students, through discussions with native English-speaking graduates, in a relaxed setting, on a variety of thematic issues, such as adjustment to life in Cambridge, cultural diversity, art, politics and effectively communicating their academic work to non-specialists.

The exceptional engagement of the graduate community in life in College, this year, was noticeable. All grad halls were over-subscribed in the first few weeks of each term, as were our themed super halls including Halloween Hall, 'Burns Night Hall' and Easter Super-Hall. Our Africa Day themed Graduate Hall showcased the rich cultural and gastronomical traditions of the continent. Additionally, the MCR embarked on an initiative of forging stronger relationships with the MCRs of the other colleges. This was facilitated through increased swaps, bar crawls, joint activities among our respective LGBT+ communities and the negotiation of reciprocal access to selected MCR events and bops with other colleges. Of note, was a themed Jesus/St John's Refreshers Bop, in which an estimated 90 Jesuans participated. We also opened up our end of year garden party, which featured a jazz band, to several colleges.

There was also much continuity in our regular MCR programmes. This included our termly Three Minutes Thesis (3MT) Halls and our annual graduate conference at which this year's keynote speaker was Seán Ó hÉigearaigh, founding Executive Director of the Centre for the Study of Existential Risks. We continued our weekly yoga sessions, which were particularly popular during the exam periods and bi-weekly welfare brunches. We also hosted a well-supported and family-oriented Easter Egg Hunt and Petting Zoo. The annual MCR Sports BBQ was a further highlight.

In closing, I wish to extend my profound appreciation to the hard-working 2018-2019 MCR Executive team, as well as to members of the graduate community who volunteered. Much of what was achieved this year was only made possible through the continued generous support of the Graduate Tutors, to whom we are most grateful. I also want to recognise and thank our beloved porters, as well as the staff of Conference Services for their support. The 2018-2019 academic year will remain etched in the collective memory of our graduate community.

Rohan Clarke



Big Band

Jesus College Big Band (JCBB) has had another very positive year, building off of last year's successes and enjoying a year of stability. With Cara James at the helm as musical director working with Finn Kinsler O'Sullivan initially as president, and subsequently Saffie Patel later, the band was able to expand our repertoire, and secure plenty of gigs throughout the year.

This year saw many returning faces to JCBB, as well as some new ones, but we've all had a blast. Tuesday rehearsals featured not only plenty of talented music making, but also invigorating debates as to whether Jaffa Cakes should be included in the biscuit budget (after all, aren't they really cakes?), and of course, attempts to play Jazz Police even faster than last year.

We started our year with a reprise of last year's gig in the Brewery Room after the LGBT+ formal, this time with the pleasure of Emma Jazz joining us for a very complementary set. We similarly enjoyed playing alongside the phenomenal Soft Crunchy Landing in Clare Cellars for a sold out (not to mention hot and crowded!) event between Clare Ents and Jesus.

Lent Term saw several more fun and successful gigs, including JCBB performing in a Blues and Chill in the Chapel, featuring prominently in the new "Jesus Refreshers' Week" timetable, playing from the balcony in hall over brunch for the John Hughes Arts Festival, and another session in the Brewery Room after an LGBT+ formal. Our audiences' enthusiastic dancing to the likes of Uptown Funk could always make us smile and give us the motivation to play one more song.

Perhaps the climax of the year was fittingly Jesus May Ball, where we were situated near the queue in Chapel Court as people were arriving, giving everyone a chance to grab a drink and relax as they came in. We could always count on a laid-back groove to be laid down by Ben Nobuto (keys), Sun-Woo Kim (guitar), Alvaro Martinez (bass) and Nick Taylor (drums) in the rhythm section.

The horns this year could not be stopped, with the ever-growing trumpet section of Cara James, Eva Cottingham-Mayall, Henry Gale, and Owen Aljabar always providing a firm and reliable lead. Izabella Perera and Oliver Hope (alto saxes), Ed Stubbs and Saffie Patel (tenor saxes) were joined this year by Jacob Dale, giving us his unique take on what a baritone sax can do. Matthew Moore and Finn Kinsler O'Sullivan (trombones) were joined by Jack Lawrence, who tried to inject some dad-dancing styling trombone choreography

into any song he could. Rebecca Ebner-Landy, Anna Bickerton and Cameron Harris were the icing on the cake, with their fabulous vocals soaring over the top of the band, and sometimes being quite literally instrumental in attracting a crowd!

It has been so enjoyable and rewarding to make music with this group of friends all year, and I hope next year, with Jack Lawrence as musical director and Saffie Patel continuing as President, will be just as fun.

Jack Lawrence

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Christian Union

The Jesus College Christian Union (JCCU) meets in college twice a week as a constituent part of the university wide Cambridge Inter-Collegiate Christian Union (CICCU). We are a society of undergraduate Christians, seeking to make Jesus known in the college that bears his name.

After saying goodbye to several members who graduated in 2018, Michaelmas term was an exciting time as we welcomed many Freshers to the group. It was such a joy to see the first years grasp the aim of the Christian Union as they got involved with the group, building an encouraging and supportive community of Christians in college, and sharing their faith with those around them. In our Michaelmas meetings, we did a series of studies of the book of Mark, based on a resource from the Universities and Colleges Christian Fellowship (UCCF). We also ran a few events in college, such as the popular “Text-a-Toastie” events, where we invite all members of college to send us their questions about the Christian Faith, and we have the joy of going to answer the questions as best we can and delivering them a toastie of their choice! The Michaelmas Term ended with CICCU’s carol services in Great St Mary’s Church, where we heard the story of Christmas, how God personally engaged with His world through His Son, Jesus.

At the beginning of January, several of the members of JCCU went away with around 120 other members of CICCU to Chirk for the Lent term getaway. This helped us prepare for the annual CICCU Events Week, this year entitled, “Tomorrow”. Events Week occurred in week four of Lent Term, and we welcomed students from all over the university to come and explore the person of Jesus and the claims he made, through a series of lunchtime and evening talks which considered themes like identity, work and hope. Throughout Events Week and across the year, we are so thankful to have had Vi Russell, a graduate of Queens’ College, supporting JCCU, leading meetings and engaging with members of college.

The beginning of Easter Term saw the leadership of JCCU change hands, and with a busy term ahead, we focused on how we can be positive witnesses to our friends throughout the exam period. As our last event this year we played rounders and had a picnic on Jesus Green in week eight. We thought about the concept of ‘Home’ and how the bible tells us that because of the forgiveness that we can receive through Jesus’ death and resurrection, our eternal home can be in heaven. Thankfully, the sun shone despite it raining the rest of the week and we all had a great time!

Finally, we would like to thank the Rev Dr Paul Dominik for the constant support and kindness that he has shown towards JCCU this year, and over the past years he has been at Jesus College. We wish him all the best in taking up his new role at Westcott House.

Martha Spencer

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College Colours Awards

The College Colours Awards aim to recognise exceptional contribution to college sports in a sporting or non-sporting capacity, rewarding both excellence and contribution.

The awards recognise cumulative contributions and achievements with most recipients being towards the end of their course and having demonstrated success and commitment throughout their time at college. The recipients, who are nominated and voted in by the current captains of all the college sports, are true role models for college sport and highlight the time and dedication that goes into sport at Jesus College. This year's Awards were presented by Professor James Clarkson to:

1. Emma Catlow (2015) for her contribution to hockey:

Emma has been a staple of the team for her entire 4 years including being captain in her 2nd year, and has been a large driving force behind the hockey team's success this year.

2. James Douie (2015) for his contribution to hockey, rowing and cricket:

James has been a key member of all teams he has been involved in at Jesus. He won Cuppers in his first year with the hockey team and captained them in his second year, he rowed in the men's second boat and took up committee positions in his third and fourth years, and he has also been playing cricket and captaining them throughout his time at Jesus.

3. Claire Glanville (2015) for her services to rowing and netball:

Over the last 4 years, Claire has been a key part of the college boat club, working her way up from the lower boats to the first boat, helping them hold headship last year and becoming captain and president this year. She has also got involved in other sports alongside this in her time here, becoming netball captain in her second year.

4. Alex Osborne (2016) for his services to football and cricket:

Alex was captain of football in his second year, and has also won Cuppers twice with the graduate team. In the same year he was captain of cricket, and as such is a face of sport within the college.

5. Manu Ratnayake (2015) for his services to a large number of sports:

Manu has been one of the most dedicated members of many sports in college.

He has been consistently a hockey player (including multiple cuppers finals), a cricketer (opening bowler for 4 years), a rower (coxed boats to blades), a netballer, squash player, has been on the ultimate frisbee team and mixed lacrosse.

6. Lara Tritton (2016) for her services to netball and water polo:

Lara has become one of the most well known faces of college sport in her time at Jesus, and has been elected to become the college colours president for next year. She has competed for the ladies and mixed netball teams every year, has been the waterpolo captain for the last 2 years, and has been in the second boat in the boat club. She also set up the well known Jesus Zumba club, running and teaching weekly classes for the last 2 years.

Tim Nugent

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Graduate Conference

The postgraduate community enjoyed another highly successful Graduate Conference on Saturday 9th March 2019. Once again, the extraordinary breadth of subjects being studied at Jesus College was on display, with the students producing presentations and posters not only of high quality, but also enormous clarity for the broad audience in attendance. The annual conference provides an almost unique opportunity within our studies to enjoy such a varied programme, but with most of the subjects distant from our own field it allows for horizons to be broadened and cross-disciplinary collaboration to be encouraged.

In the spirit of visionary thinking and collaboration, we were delighted to welcome, keynote speaker, Dr Seán Ó hÉigeartaigh, Executive Director at the Cambridge Centre for the Study of Existential Risk, to discuss The Future of Artificial Intelligence (AI). As one of the key technological developments expected to transform every aspect of our lives over the coming years and decades, it was fascinating to hear about the opportunities AI will provide even in the near future, such as progress that will be driven in healthcare, transportation and resource management. Dr Ó hÉigeartaigh also went on to discuss the longer term impacts that are likely to be felt from the expected development of artificial general intelligence, which could totally transform society. However, AI also threatens many aspects of our lives, such as through information manipulation, including 'deep fake' videos, autonomous weaponry and sophisticated cyberattacks. A key message of the presentation was about the need for deep collaboration between AI research leaders, policymakers and cross-disciplinary experts. We are very grateful for Dr Ó hÉigeartaigh's excellent, thought-provoking presentation.

During the student presentations we were treated to talks & posters discussing topics from battery design to gonorrhoea, and from Mexican coastal communities to the poetry



Belinda Fonseka's use of audience participation made for a highly entertaining presentation

of Terrance Hayes. The event showcased how diverse an academic community the MCR represents, and it was inspiring to see the genuine interest people had in discussing topics far outside their own field. The standard was incredibly high, but we were pleased to award some prizes for the best talks and posters by PhD and Masters' students. For the talks, these were awarded to Bethany Connolly for "The future of fuel: high density gas storage in metal-organic frameworks" and Roxanne Armfield for "New fossil specimens of the prehistoric snake *Helagras prisiformis* and its implication of the evolution of modern snakes". The poster prizes were awarded to Jameel Muzaffar for "Cochlear synaptopathy and site of lesion testing in the acutely noise exposed" and Ellen Peirson for "Authenticity, ordinariness & beauty: class and taste in the streets of Folkestone".

I would like to thank all the students who attended the conference, but particularly those who took the time and effort to present their work, and make this such a successful day. Dr Sybil Stacpoole was instrumental in helping coordinate support from the Graduate Tutors, and her help was greatly appreciated. I was also very grateful of the support of the MCR committee, Fellows and the Master, who generously hosted a wonderful drinks reception in the Master's Lodge. The conference department did a fantastic job of making sure the day ran smoothly. I look forward to the next Graduate Conference in March 2020.

James Warland

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Green Initiatives

This year has seen some exciting and diverse progress made on the sustainability front in college. As well as large scale changes, such as the reforming of the Environmental Committee and the incorporation of sustainable measures into the Kitchen Redevelopment Programme, members of college have got stuck into student-led environmental initiatives. To raise awareness and access to environmental menstrual products, we hosted an Ethical Periods workshop in collaboration with Amika George, a student who heads the national #freetperiods movement, at the beginning of Lent term, and trialled a menstrual cup distribution scheme in summer term. This last initiative was funded by the JCSU and was taken up with amazing levels of enthusiasm and we hope to make this a permanent feature of the JCSU from next term.

Sustainable fashion has been promoted across college in events such as a Sewing Workshop and a Clothes Swap held in collaboration with the online clothes-sharing platform, the Nu Wardrobe. Like-minded students have mobilised behind the new Jesus College Divestment Campaign and it has been great to see high enthusiasm for definitive climate action. A definite highlight was an event hosted with CUSU to clear up Jesus Green after Caesarian Sunday, where students across the university and predominately from Jesus used litter pickers borrowed from Jesus Gardening and Housekeeping departments to clear up the area for the community. To fight food waste, we have set up a Facebook 'community fridge' Facebook page which has allowed students to share unwanted food across college, and starting in Michelmas the JCSU and MCR are working to increase compost bin usage by adjusting the system to make it more usable.

This Michelmas we are also setting up a Terracycle crisp collection scheme, releasing an A-Z Green Guide to Cambridge to promote ethical living at university for freshers and finalists alike and hosting the first ever Jesus Green Week to promote environmental awareness and climate action. The week will be raising money for Jimmys and Wintercomfort, to complete a year of encouraging students to get involved with Cambridge's homeless community.

Zannah Lindley

Jesus Singers

Jesus Singers have had another wonderful and productive year. Despite the bulk of our members having graduated at the end of last term, this year our committee have managed to recruit the highest membership count in Jesus Singers history.

The highlight of Michaelmas term was our Winter Concert, held in the college Chapel in junction with our indigo and lavender counterparts, Magdalene VoxSoc. Performances included the ever-popular *White Winter Hymnal*, featuring body percussion and claps; *Somewhere Only We Know* with alto solo by Sarah Bradley, and the upbeat *Can't Stop The Feeling!* arranged for acapella. Audiences were also blown away by solo performances from Aiden Chan, Emma Drewett and Joseph Tedds.

In Lent Term, Jesus Singers performed in Sing!, a joint choirs concert featuring all the non-audition groups in Cambridge. Our set included *Od Yavo Shalom Aleinu*, a traditional piece sung in both Hebrew and Arabic, followed by the pensive piece *Run To You* originally by acapella group Pentatonix, and ended with *Some Nights* celebrating youth and diversity.

As usual in Easter term, Jesus Singers participated in the JCMS May Week Concert. Our set incorporating different world cultures were assembled around the theme of film music. *Evolution of Musical Theatre*, a medley arranged by our very own Ben Igelman, got audience members smiling at familiar tunes from *Sound of Music*, *Les Miserables*, *Hairspray* and more. This was followed by Eatnemen Vuelie, the Scandinavian nature-inspired opening piece to Disney animated film *Frozen*, featuring a deep female voice *yoik*, sung by the sopranos and altos. Next, the tenors and basses performed an upbeat acapella rendition of *Kung Fu Fighting*, arranged by yours truly, which got audience members toe-tapping and head-bopping to the entertaining melody and choreography. Our last piece of the year was *Circle of Life*, a classic Disney song combining African chanting with an uplifting melody.

Jesus Singers remains a non-audition vocal group and we have enjoyed singing fun pieces from a wide range of genres and cultures. It has been my greatest pleasure to have been both a President and Musical Director of Jesus Singers. Singers has been a big part of my university life and I look forward to seeing what the incoming committee has to offer next year!

Agnes Fung

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Jewish Society

In Michaelmas we began the year building on the momentum of last year's packed schedule of offerings. Popular activities in September included our well-regarded Freshers' Fair *Kashruth Pop-Up Stall*, where we served *milchig* and *parve* delicacies to new students and old. This was followed by a hearty *Q Kitchen* induction/party. An event that echoed last year's, the new *Humans of Q* were able to familiarise themselves with the multitude of *kashruth* requirements as advised by *Rav Zobin* of *Kehillat Ner Yisrael*, Hendon, NWL.

As a home away from home for self-identifying Jewish students at Jesus college we provide a warm and open as well as intellectually engaging and questioning approach to our religious and cultural lives, both collective and individual. Events hosted aim to cultivate comfort through intimate coffee mornings while sustaining the curiosities and academic appetites of Cambridge undergraduates, graduands, and post-graduates. Furthermore, we seek out and harness Jewish philosophical minds in an effort to collect and discuss ideas which confront Jewry – both Anglo and World – in a postmodern era. For instance, Simon Baron-Cohen FBA FBPSS, an autism-expert resident in Cambridge as well as a clinical psychologist and professor of developmental psychopathology at our University,



Guests celebrate Chanukah, the festival commemorating the rededication of the Second Jewish Temple in the Holy City of Jerusalem at the time of the Maccabean Revolt against the Seleucid Empire, alongside members of Jesus College Jewish Society

spoke to Jewish students regarding the place and profundity of empathy within the Israeli-Palestinian conflict.

A central theme of a devoted life in the present milieu draws its inspiration from works of *mussar* or religious moralism, itself a historically located movement. While characterised by its castigation, this is mitigated by the encouragement to embrace positive human interaction both with G-D and fellow human beings. In this vein, the *Jews for Jesus College* have pursued an interest in this search for disciplined spiritual practice, infused with awe and informed by the works of the *mussar* masters. Drawing from a range of *rishonim* and *acharonim* right up until the present day, the work of *Moreinu veRabbeinu* HaRav Aharon Lichtenstein zt”l has been significant. An esteemed Harvard academic, specifically an expert in the poetry and intellectuality of John Milton (1608-1674), Lichtenstein’s article entitled “The Source of Faith is Faith Itself” provided a springboard for many an afternoon and evening of religious and other meditations.

Further, we have actualised a spiritual journey in many activities this year. We were privileged to host coffee mornings to discuss the meta-physical works of Rav Menachem Froman, *rabbi* and peace-seeker, resident in the WB, and renowned for promoting and leading interfaith dialogue between Jewish settlers and Palestinian activists, focussing on using religion as both a framework of analysis and a tool, too, for working through the challenges of conflict. Our gratitude is directed, as always, to Rav Mordechai Zeller, sex-therapist, adolescent psychologist, and University Chaplain, for guiding us in this project.

Noting the perpetual state of the Middle East, throughout the year our offerings became more politically-oriented. We instituted a group viewing of *Our Boys* (הבנים שלנו; او لا دنا), a controversial political thriller which takes as its starting point the kidnap and murder of three Israeli settlers in 2014. This was well-received and we look forward to finishing off the final few episodes in the new year. Other highlights included an interfaith dinner at the university Jewish Society, and *iftar* with the university Muslim Society.

At the time of going to print, this *Jews for Jesus College* society committee have a packed programme planned for the coming term. We’re looking forward to welcoming a new cohort of Freshers to the College and also to the Kosher Kitchen community, and our Freshers’ week timetable includes events to help them settle in. In the run up to term, the committee have been working to make sure that we are on hand to answer any

questions or concerns they may have. In addition to this we are looking forward to inviting alumni back to the College for a Retrospective Event, only the second of its kind in our society's history. Also looking forward, we are excited to continue to host regular coffee and bagel discussion groups for the wider ethnic and religious minority community at Jesus. We intend for these to be a safe space for discussing topical issues and concerns, and encourage any members of College who would like to be involved in this project to email dl583 or atc40, or to telephone +44 7504 179191 or +44 7951 1523320.

With gratitude to *Hashem* we are grateful for the success of our society over the past year, and look forward to it growing from strength to strength (*im yirtzeh Hashem*) in the coming year. We are an open society and emphatically welcome any interested members of College at any of our upcoming events. Best wishes for the long vacation.

Ariel Cohen & Daniel Lederman

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John Hughes Arts Festival

As the John Hughes Arts Festival moved into its fifth year, the committee were keen to mark the occasion in a way which both celebrated John and continued to embrace the festival's evolving meaning to the college community. In our search for a balance between the acts of looking back and looking forward, we came upon the theme of JHAF 2019 – 'Reflection'. An extended festival schedule of five days – one for each year of the festival's history – was decided upon, to provide the college with the time and space required for meaningful and involved contemplation.

Beginning the festival with the launch of the ever-popular JHAF Gallery, the committee was proud to present works from students alongside pieces by established Cambridgeshire artists. With more female artists represented this year than artists of any gender were displayed last year, the Gallery Team made a decisive move to address the gendered imbalance which sadly still plagues the creative industries. As the college celebrates the anniversary of the admittance of female undergraduates in the new academic year, we are confident that JHAF will continue to champion and empower the artistic voices of our entire community.

This year was also marked by the publication of the first JHAF Gallery Catalogue, which provides an invaluable record of contributions, assisted in the first sale of many young artist's works, and makes a beautiful memento. Turning back to the festival's theme of 'Reflection', the Events Team revived many events from the very first year of the festival, including a hugely successful Jazz Brunch, and brought together the university's best emerging talents in a variety show and poetry reading.

The annual themed formal – this year 'Through the Looking Glass' – invited guests to take their dinner companions as the subject of portraits, filling the hall with excitement and creativity. One event new to the festival, however, was a Secret Postcard Sale. Over 50 original works were donated by artists far and wide, many of whom contributed because they knew John or knew of his importance to the college and local community. Auctioned with the artist's name hidden to encourage purchases based on appreciation as opposed to perceived value, these works raised money for Rowan, a Cambridge based arts centre tackling social exclusion, and The Koestler Trust, which exhibits and celebrates artwork by offenders, detainees and secure patients. The committee were amazed by both the quantity and quality of donated artworks, and would like to express our deepest gratitude to every artist involved.

We are, as ever, indebted to the many people who graciously give up their time and expertise to facilitate JHAF's success – cyanotype and collage workshops exposed the

student community to new skills, while collaboration with The Fitzwilliam Museum provided festival visitors with unprecedented access to the museum's collection.

I would also like to thank the committee themselves, who worked tirelessly to realise our ambitious plans for this landmark festival – I eagerly anticipate the creativity, generosity and compassion with which they will orchestrate JHAF 2020.

Eloise England

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Law Society

The Jesus College Law Society has had a busy and productive year.

In Lent Term, as per College tradition, the first-year undergraduates donned their gowns and exhibited their oratory in the annual Peter Glazebrook Moot. The first round was kindly judged by Jesus postgraduate students and, for the final round, we were delighted to welcome The Rt Hon Sir Rupert Jackson back to his alma mater to judge. Sir Rupert offered the first-year undergraduates the unique (and no doubt slightly daunting) opportunity to moot before a former Court of Appeal judge and glean some wisdom from his distinguished years of practice at the Bar and on the Bench. From all accounts, the students relished and enjoyed the experience.

Held on the same day as the moot final, the Annual Dinner took place on 8th March and Sir Rupert Jackson attended as guest of honour, regaling the students with tales from his long and illustrious career. The dinner was generously sponsored by Slaughter and May and several recent graduates of the college, including Ryan Law and Stephen Elhabbal, attended as trainees at the firm. We were also pleased to welcome Robert Byk, partner at Slaughter and May, who delivered a refreshingly unorthodox speech about a career in law.

As ever, the Jesus College Law Society remains immensely grateful for the support and engagement of law firms and alumni of the College, who are always willing to support the next generation of law students. I would like to congratulate all the Jesus lawyers on their hard work this year and wish the new committee all the best for next year.

Leon Culot

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May Ball

This year we were delighted to invite more guests than ever before to the annual May Ball. With the theme 'Refract', design features included a 12 metre long colourful fountain, a custom projection of kaleidoscopic patterns in First Court, a tower of mirrors and an impressive laser show for guests to marvel at.

This year's musical line-up featured chart-toppers such as Example and The Hoosiers, who attracted huge audiences to the main stage. Following these headliners was a Taylor Swift tribute act, who was sensational. Throughout the night guests were entertained by many performers around the ball, including a Coldplay tribute band, comedians, dance groups, acrobats, and a pyrotechnic performer. The 2019 ball continued the tradition of fairground rides, an outdoor cinema, an Aquazorb rink and a casino and silent disco running all night long; but also new additions to the entertainment on offer included a mini-golf course, a ball pit and a massage stand.

As ever, our food vendors proved incredibly popular, serving curries, sushi, arancini, paella, pasta, halloumi fries, milkshakes and smoothies and much more. Guests had a wonderful range of drinks on offer, including cocktails from Cocktail Box and Hidden rooms, wine from Cambridge Wine Merchants and gin from the Cambridge Gin Distillery,



Photo by Jeroen Van Hautte

who we also worked with (along with head gardener, Paul Stearn) in the months before the ball to create a bespoke Jesus May Ball gin using botanicals from the Jesus College grounds. This special gin was available for guests to buy as a momento of the 2019 ball.

Another new feature this year was the use of Chapel Court, which in previous years has not been part of the ball site. This was undoubtedly the most beautiful part of the ball, which bright red carpet, beautiful lighting, and large light-up letters spelling out the theme name for guests to take photos with. Chapel Court also featured the Heofon Light Maze, a stunning immersive light installation curated by Aaron Andrews and designed by Ben Busche of Brut Deluxe.

We were also pleased to offer, for the first time, a discounted ticket for students with financial hardship. We offered a 50% price discount for all Jesus College students in receipt of bursaries, a scheme which was very well-received and which will continue in future years. Furthermore, this year the ball appointed its first ever full-time Green Officer, whose contributions ensured that our ball was given a platinum rating by the 'Sustainaball' project.

We are incredibly grateful to the support of the Master and Fellows of Jesus College for allowing us to continue to host the ball in the beautiful college grounds. We would particularly like to thank Stuart Websdale and Paul Dominik for their guidance and help, as well as many other members of college staff without whom the event would simply not have been possible. We are also incredibly proud of our 21 other committee members and of the hard work they have put in throughout the year, resulting in what was a spectacular event.

Kate Fitzpatrick & Jacqueline Rowe

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Medical & Veterinary Society

2018/19 proved to be another extraordinarily rich year for the Jesus College Medical and Veterinary Society. Led by experts in a far-ranging breadth of topics, we explored 'medical' and 'veterinary' science in its widest sense: from the pharmaceutical industry to bioethics, neuroscience and public health. Hosting international speakers from Germany, Professor Dr Paul Kremer, head of the Department for Neurosurgery at Asklepios Hospital

Hamburg, and Professor Dr Peter Schallenberg, chairholder for Moral Theology at the Theological Faculty of Paderborn, the society held a bioethics panel discussion centred around neurology. Through case studies from Professor Kremer's own practice, the professors actively engaged the students in discussions and gave them a unique opportunity to apply ethical theory to practice. In addition, presentations by our own alumni and sixth year students further enriched our learning through their insights on careers and electives respectively. They inspired students with their achievements while soliciting invaluable advice: a true reflection of the unique close-knit and supportive community that we have at Jesus.

The Annual Dinner was a spectacular success, and we were extremely honoured to welcome Professor Sube Banerjee, a co-author of the UK Dementia Strategy to mark the Strategy's 10th Anniversary this year. His fascinating talk at the end of the night concluded the event on a highly thought-provoking note.

Alongside these speaker events, this year saw a continuation of the annual traditions that mark our Medical and Veterinary experiences at Jesus. Minced pies and mulled wine, Jim's Pictionary, Dr Hladky's Pizza and Pimms, and Strawberries and Champagne continue to foster the intimate relations between society members. We are truly grateful for Dr Sybil Stacpoole and Dr Hladky's generosity that have made these experiences possible.

It has been an honour to work with the rest of our committee – Anne-Marie, Heval, Faheem, Jamie and Joe – and to be part of these incredible events. We are indebted to Dr Sybil Stacpoole for her undying support and generosity, and the outstanding members (past and present) of our society for making the society such an inspiring and supportive group of people to represent and serve. We wish the best of luck to the new incoming committee – we have no doubt that they will do a fantastic job next year.

Moe Takenoshita

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Music Society

Jesus College Music Society has gone from strength to strength in recent years, and 2018-19 proved no exception. This year the Society continued its role in bringing a wide variety of musical events to Jesus College, and managed both to offer more diverse programmes than ever before and to draw in enthusiastic audiences from across the College and the University.

Seven new Jesuans took part in the annual Freshers' Recital in October, including a string quartet impressively organised within the first week of term. Instrumental awards were offered to Zev Shirazi (trombone), Zaneta Lo (piano), Rebecca Revie (flute) and Sebastian Tyrell (cello).

2018-19 was a particularly successful year for women in JCMS, with more female composers, conductors and performers represented in Society events than ever before. The Michaelmas Concert brought a performance of a *different kind*, written and conducted by award-winning upcoming composer and JCMS co-President Joanna Ward. Ward's music draws on a wide range of unusual orchestral sounds and drew praise and enthusiasm from players and audience alike. Third-year Natural Scientist Pippa Stevens appeared regularly at the conductor's stand, and this year's David Crighton concerto was performed by Becky Kershaw, playing Mozart's lively *Flute Concerto in D* with the JCMS Orchestra in February 2019. Becky will go on next year to become the President of the Society, the fourth woman consecutively to lead or co-lead JCMS. Other women's offerings this year included Fanny Mendelssohn's *Overture in C* at Michaelmas, and Jesus Singers director Agnes Fung's bouncy



arrangements of musical theatre numbers in May Week. JCMS was also proud to participate in the Cambridge Female Composers Festival for the first time this year, with Joanna Ward giving a recital of recent vocal music by women and Nat Jobbins and Friends bringing some exciting jazz.

The traditional orchestral concerts produced a number of memorable performances. In Michaelmas Term, William Clark-Maxwell (2015) returned to give a captivating rendition of Bruch's *Kol Nidrei for cello and orchestra*, conducted by Hamish MacGregor. The Hollywood-themed May Week Concert was so popular that latecomers were left sitting in the aisles, and they were treated to (among other things) Richard Addinsell's sumptuous *Warsaw Concerto* with veteran Jesuan John Chen at the piano, and a medley of songs from West Side Story featuring both a 50-strong orchestra and a chorus of members of Jesus Singers and the College Choir.

The popularity of the termly *Week 5 Blues & Chill* sessions endured, and increasingly draws an audience from across the university – highlights included virtuoso guitarist Remi Rufus-Toye, the dulcet tones of the Jesus Gents and freewheeling vocal group Middle 8, whose razor-sharp jazz numbers brought the house down as students took a break from revision in Easter term. The traditional performance of *The Snowman* was narrated warmly by former University Orator and much-loved Chapel reader Dr Anthony Bowen, with Senior Organ Scholar Dewi Rees accompanying and Amy Butterworth giving a soaring performance of *Walking in the Air* (complete with woolly hat and scarf).

The weekly recital series continued as usual, and continued to draw a high standard of performers. In Michaelmas former JCMS President Louis Wilson gave a recital of German and English song with pianist Dewi Rees, and we welcomed back pianist Reiko Fujisawa to perform works by Brahms and Robert and Clara Schumann. Third-year music student Ed Liebrecht's Cambridge Mahler Orchestra also returned in October, performing Liebrecht's own completion of Mahler's 10th Symphony to great acclaim.

Two more professional pianists followed in Lent and Easter terms – Maki Sekiya enchanting a packed chapel with Chopin's *Etudes Op. 25* and Carson Becke playing Grieg, Chopin and Scriabin. The diverse character of the recitals was emphasised by the Nefes ensemble's colourful collection of traditional sufi Alevi-Bektaşı songs from Anatolia.

We would like to thank everyone involved in JCMS this year, players and audiences alike. However, special thanks is reserved this year for Professor White and Mrs Margaret White, whose support for JCMS during their time in the Master's Lodge and beyond has been vital for the enduring success of the Society over the years. We wish Becky and her new committee all the best for next year – exciting plans are already being made, including a possible JCMS Bach festival in the spring. 

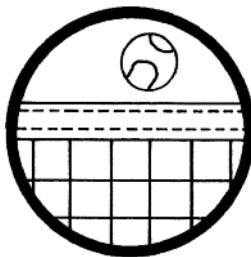
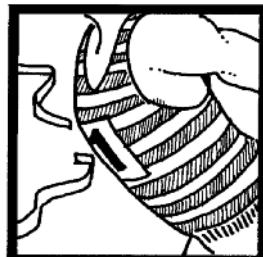
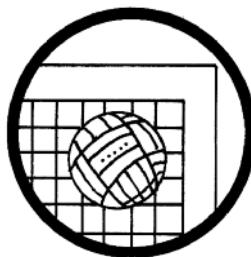
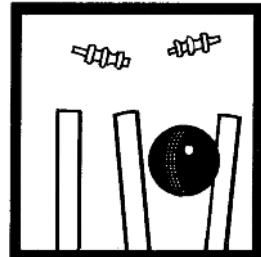
Hamish MacGregor

Sports Clubs



Cara James and Ollie Brown

2018-2019 Reports



Athletics Club

Jesus College Athletics has had an incredible year. With many key members of the University team being Jesuans, it wasn't a surprise to anyone when we won the men's inter-Collegiate athletics competition and came a close second in the women's competition in October.

This is the eighth win for the College since 1911 when the competition was founded. The men's team collected 258 points to win the Rouse-Ball bowl trophy, with St John's coming a distant second on 161 points. The women's team collected 106 points, coming in second place to Murray Edwards on 118 points.

Cara James (2017), Jesus's Athletics Captain, is only the fourth woman to have her name engraved on the Rouse-Ball bowl trophy, and will go on to be President of the University Athletic Club for the 2019/20 academic year.

Ollie Brown (2015), who was the University Men's 2nd Captain for the past year, not only won Long Jump with a new personal best of 6.11m, but he also competed in seven events. His personal score of 75 points would have placed him fourth overall in the Collegiate competition.

Other stand-out athletes this year include Sam Hill (2015) who won the discus, James Walden (2015) 200m winner, Jeffrey Chu (2016) 100m winner, Liam Emmett 800m winner, Jamie Hogg (2017) 1500m winner and Louisa Snape (2018) 100m winner.

With many key athletes graduating this year, we hope that the incoming 2019 freshers will have some keen athletes among them!

Cara James

* * *

Badminton

Men

Another successful year for Jesus Badminton Club. The club has had a large influx of freshers this year, and we have had to change venue for club nights to help accommodate this.

After huge performances from fresher Chuen Low and returning Guy Pearson, Jesus I claimed the Michaelmas League title, despite foul play from Trinity. Lent term proved a tougher challenge with the departure of Matt Daggitt leading to reshuffling of pairs and, ultimately, missing the Lent League and Cuppers spots we aimed for. Special credit should be given to Fred Alford and Guy Pearson for their stunning performance in the Trinity Lent match, easily winning against the ‘unbeatable’ first and second pairs. Thanks also to Meredydd Kippax-Jones for being a force to be reckoned with on court, and Kim Liu for another year of ballet style play. It has been a pleasure to captain the Jesus I team this year, and to be part of the club for the past four years! Good luck to Chuen Low with next year’s campaign! – Digby Chappell

“It has been another glorious year for Jesus College Seconds team. Denied promotion in Michaelmas due to a morally dubious league secretary, we took back what was ours in Lent. I can only thank Tudor, Feri, Nigethan and Rohin for their contributions and wish them the very best of luck wherever they choose to play badminton next year.” – Will Duggleby

“Jesus ladies got off to a rocky start, losing the first two matches to Selwyn and Emma. However, we came back strong to win our next 3 matches convincingly with scorelines of 6-3, 6-3 and 9-0! Winning our last match against Trinity would guarantee us at least second place in the league. Unfortunately, we lost a very exciting and eventful last match to end up fourth in the league. A big thank you to all our coaches (Kim and Matt) for helping us on Sundays and to all the players (Alena, Anisha, Charlotte, Hannah, Molly, Pri, Sophie, Xiaolei and Zaneta) for making time to play badminton!” – Melissa Ng

I’d like to thank all the captains, the secretary and the grad president for all their hard work helping to run the club, it’s been an absolute pleasure.

Fred Alford

Women

With many team members having left last year, the Jesus women’s badminton team got off to a fresh start. The Michaelmas league was challenging, with the Jesus team losing our opening match to a very experienced Selwyn team. However, in subsequent matches, every member of the team stepped up and played their best, winning many close matches. With a good effort from the team, Jesus ended in a respectable fourth position for the Michaelmas league.

In Lent, the team came back much stronger, and despite many last minute team changes and unfortunate accidents, Jesus emerged top of the league table once again! This was only possible with the top performances by all the team members, namely Alena, Molly, Pri, Hannah, Anisha, Charlotte, Xiaolei, Sophie and Zaneta. A big thank you to all the members for taking time out of their busy schedules to play badminton. All in all, it was a great year for the Jesus women’s badminton team. All the best to next year’s captain, Alena, whom I’m certain will do a very good job indeed!

Melissa Ng



Boat Club

Men

The Fairbairns campaign started early with a full land training programme over the summer ensuring that we hit the ground running in October. The crew was made up of two returners from the 2018 Mays First Boat, second-year Harry Roach and third-year Matt Anderson, being joined by Mays Second Boat rowers Charlie Constable (Fairbairns and Lents 2018 M1), Amir Akbari and Michael Schaich. After consistent and determined work over the summer Michael Hall claimed the 3 seat, an impressive step up from the lower boats. Ably setting the rhythm of the boat from the stroke seat was previous Lents M1 rower Faheem Bhatti. The crew was rounded off by first-year PhD student Mark Lawrence, bringing a wealth of experience from his time in the Christ's, Cantab's and Durham University's 1st Boats. The boat was coxed by JCBC Coxing Captain Hena McGhee.

Following the Michaelmas success of last year, the crew's aim was to perform well at Fairbairns and set the tone for the whole year. They showed early promise, entering a Uni IV's crew, narrowly losing their semi-final by just one second to the eventual victors King's College. The next challenge was Ely Head. We took the rare opportunity to train on the empty stretch of river at Ely on the Saturday, and on the Sunday entered a M1 8+ and M2 4+. Both crews won their respective divisions. M1, aided by last minute sub Guy Pearson, recorded the fastest time of the day.

Two weeks before Fairbairns came Winter Head. Finishing a respectable fourth, behind FaT, Pembroke and Downing, the results gave the crew motivation to push on in the final two weeks of term and they earned themselves a fantastic Fairbairns result, coming in as the second fastest Cambridge crew to Downing College leaving FaT and Pembroke far behind.

The Lent Bumps campaign started with a week long training camp in Mequinenza, Spain. We took eleven senior rowers on camp and one senior cox, along with novices Dan Cochrane and Olivia Woodcock who trained on the water three times a day.

Back in Cambridge the Winter Head to Head was our first race, and M1 finished fourth behind Maggie, Magdalene and Downing. Whilst we were happy with the result, as a crew we concluded that we could do much more to race better, both mentally and physically. It was this race that then became the foundation for the rest of the term.

Two weeks later we raced in the Bedford Head. Again we were beaten by Magdalene and Downing, yet we had started to close the gap in the time difference from the Head to Head. This success was in spite of the fact that we had called in two subs for the race due to illness. We were also lucky to be hosted by Jesus alumni and former rower Shane Redding and her husband, who supported all the crews and provided us with a fantastic lunch.

The final few weeks of term involved the preparations for the Lent Bumps, with M1 sparring against Emmanuel Boat Club. We emerged successful from the sparring, which provided some useful feedback before Bumps. M1 and W1 then travelled to Ely to conduct joint training where we achieved some of the fastest splits being away from the Cam.

For the first three nights of the Bumps races we attacked Pembroke, wearing them down and getting closer and closer. On the first night we rowed over on station with Pembroke, the second night we were at a length as we crossed the finish line, and on the third night we had closed to inside a length. We were determined to attack and catch Pembroke on the final night.

Robinson caught Christs behind us on the first day, but in the two following races, they posed no serious threat to us as we rowed over. Before the final race, they sustained an injury to one of their rowers and drafted in a sub in the form of a Blue Boat trialist. This proved to be a pivotal moment, and in the final race, Robinson with their extra boost



JCBC Men's First Crew, Lent Bumps 2019

Photo by Giorgio Divitini

caught us by surprise and earned the bump as we entered the reach. It was unfortunate that they had been allowed to substitute in a University rower at the last minute. However, the first three nights of the week were extremely positive for the crew and the final race provided plenty of learning opportunities for the Mays, especially how to react and perform under unexpected pressure.

This term of racing was capped off by a strong performance at the Head of the River Race on the Tideway. We finished in 148th place, well above our starting position. For this crew, with Michael Hall and Edward Bryan from M2 filling the seats of myself and Angus Harley, to finish with such a strong position and only twelve seconds behind the Pembroke crew we had been chasing only two weeks before, it showed how much the team had progressed from that first race at the Winter Head to Head.

Easter Term started with a short pre-term camp, with both M1 and M2 rowers training in mixed crews twice a day. Despite great commitment from the crew, the term was severely hampered by individuals' exams, with a high number of rowers working on their finals. We had originally planned to enter both BUC's and Bedford Regatta, but conflicting schedules meant that we could not get off the Cam. As a result we set our sights on Nines Regatta, a Cam-based race, roughly half way through the term. Training for the race was productive but we lost our stroke Faheem Bhatti just days before, resulting in crew changes. In our first race of the day we lost convincingly to a quick Lady Margaret M1 crew, pushing us into the plate competition. The next race against Queens M1 was for third place. Queens won the race by half a length, but as can be expected with side-by-side racing, there was clashing and disputed racing lines, and the umpires decided that they had impeded us to win, ruling that a re-row was needed. We raced hard off the start to get clear of Queens and proved to ourselves and our competition that we were the better crew, winning by over a length.

The next phase of training focussed on race preparation and improving our sprinting speed. This term the crew was bolstered by Tim Nugent, who had just won the Reserve Boat Race with Goldie. I arranged for us to spar against Caius and Pembroke in order for us to experience being chased down. We battled Caius three times, and on each piece they chased us. In all three cases it took them ninety seconds to 'bump' us. Against Pembroke

M1, who were not as fast as Caius M1, we raced 500m pieces and in each one held Pembroke at just under a length as we wound down. These sparring sessions were hugely positive for the crew, especially against Pembroke as last minute crew changes due to unforeseen circumstances had resulted in a completely new stern pair with no practice outings.

At this point, we had some bad news in the form of Tim Nugent badly injuring his wrist. This injury had resulted in the crew changes mentioned above against Pembroke, however we had hoped he would return. Further X-ray scans ruled Tim out of Bumps and his own Henley campaign with Goldie. As Captain I was disappointed for the crew to lose Tim but also gutted for him on a personal level as the Bumps and HRR campaigns were to be his last races as a rower.

The first day of Bumps arrived and we found ourselves being chased by a very quick Peterhouse M1. Their Lents crew had been joined by five returning blues, including current internationals Natan Węgrzycki-Szymczyk and Sam Hookway, two-time Olympic Gold Medalist James Cracknell, as well as two lightweight blues. Undeniably we were the underdogs, but the crew still looked forward to the opportunity to catch Trinity and ruin Peterhouse's week! On the day, we closed to half a length on Trinity by first post corner but were caught by Peterhouse first. Although we had been bumped, spirits were high as we had performed well, and we had raced about 200m further than our sparring with Caius would have predicted.

Day two was rather disappointing as we were bumped by a King's crew that we had been faster than during the year. It was that evening that we discovered Angus Harley had injured his back during the race – the second injury to plague the crew. After much discussion it was decided that the M2 stroke Michael Hall would step up into M1 and we would revert back to a crew order similar to the Lents crew.

Day three saw us being chased by Robinson M1, who were also fielding their strong Lents crew. The crew rowed hard, but it is always difficult to chase a crew that has bumped you the day before, and on the reach we were caught by Robinson. On Saturday we were able to avoid spoons with a hard fought row over, past tremendous support and cheering from the Jesus Paddock.

It has been a very hard and, in my opinion, undeserving end to a brilliant year of rowing for the crew. To find ourselves in the difficult position ahead of Peterhouse M1 on day one, and to receive two huge injuries to the crew both resulting in crew order changes, one days before the races, and one during the races, was extremely unfortunate. I commend the team for keeping their heads held high, and racing with great effort and determination each day.

Despite the low position in the Mays for the first crew, the next year for JCBC looks very promising. We have had some good results in the lower boats and these rowers will be competing for seats in M1 next year. It will take a couple of years to get back to where we should be on the charts, however the men's side is successfully navigating a major transitional period and a key focus for the upcoming years will be the novice program.

M2 had a tough start to the week but finished strongly to remain 15th in Division 2. M3 had a great week and finished +3. M4 finished -5 and M5, the Rhadegunds, finished -1.

Even though term had ended and Bumps was behind us, Henley was just around the corner. The club entered a coxed four into The Prince Albert Challenge Cup. The boat was made up of half of the Mays First Boat, namely Hena McGhee, Harry Roach, Amir Akbari, Mark Lawrence and Michael Schaich. Although they did not advance past the qualifying races, the crew enjoyed the experience and it was nice to have JCBC competing at Henley after a year's absence. Huge thanks for this year must go to Jonathan Conder, our Head Coach and Boatman. At every moment, he has had the boat club's best interest in mind and has been there to support each individual member of the club. I personally thank

him for his advice and guidance in making some tricky decisions this year.

I would also like to thank Stella Issac for her excellent work with M1, helping to instil a positive sporting attitude within the team, being a huge motivator in the club and pushing the crew harder than it believed it could be pushed. Thanks must also go to Tom Wordsworth for his coaching and mentoring of M2, Harry, Altaf and Ed for all their work with so many different crews throughout the year, and also to members of the College both old and new who help to run the club and ensure that the rowers at all levels receive high-quality coaching.

Finally, I would like to thank all the rowers that have been a part of this year's story, for all the work and commitment you have put in, and for all the help you have given me along the way. It has been a huge privilege to serve the club as Men's Captain and I cannot wait to return in October and start climbing the tables with Chris Saner leading the way.

Matt Anderson

Women

We were unfortunate to lose lots of Mays W1 last year as they graduated last year. However, we had a few experienced rowers join us and lots of drive and enthusiasm to train hard from those stepping up from the lower boats. During the second week of term Jesus Women were lucky to visit Moscow for 4 days for some racing and sightseeing. We were contacted by Dominic Reed (ex JCBC) who lives out there inviting us to race in the Moscow Marathon, a 500m race followed by a 15.5k race on the 2k Olympic rowing canal. Highlights of the race include having the Russian Junior Paralympic cox coxing us around some sharp bends at the end of each 2k stretch without a cox box and limited 'rowing English'.

We raced Ely Head and Winter Head in the lead up to Fairbairn's. We won both events giving us confidence and good race experience. Fairbairns is the main college rowing event in the Michaelmas term and is run by Jesus College boat club. It is the largest college run race and we had CUWBC and oxford colleges competing as well as lots of town clubs. Fairbairns' was a great end to the term with W1 winning the women's college 8s division and W2 coming second in theirs. The women's novices had a successful recruitment and we were one of only 3 colleges to get 3 novice women's crews racing in Fairbairns. They raced Queen's ergs, Emma Sprints, Clare Novices and Fairbairns. Juliane Ripka and Poppy Hill did an excellent job as LBCs this term helped out by coaches Abi Smith (Women's Captain 16/17), Madi Castro and Aiden Chan.

We had an excellent training camp in Mequinenza, Spain in January, we had 6 days of solid training out there which helped provide a strong foundation for Lents. The camp proved successful for bringing on the novice rowers and helped solidify the W1 lents crew.

We raced winterhead to head at the start of lents coming 2nd and we raced Bedford Head in week 4 of term, taking W1 and W2. W1 won their division. Unfortunately our stroke intermittently 2 weeks before Lent bumps so we had to restructure the crew for bumps. Olivia Bourne who noviced this year improved hugely and was selected for W1 for Lents. We trained in Ely the weekend before bumps in the crew and sparred with M1. With many new rowers to W1 who had not felt the pressure of the headship station and 2 of our crew not having completed bumps before this was vital to give us practice of coming under pressure from a crew behind.

Bumps week brought challenging conditions with high winds. On the first day we had a very nervous row, we rowed over with downing being caught by Newnham behind us. On the second day the winds were even stronger, we came under pressure from Newnham on the corners but pulling back to distance on the plough reach. As we came onto the



JCBC women's first boat rowing up for May Bumps 2019

Photo by Kate Shipley

Reach we hit the headwinds and waves and we struggled to make progress against Newnham and they closed the gap on us bumping us about 150m down the reach. Dissapointed but determined to try and get them back and not go down again we brought a good attitude to the 3rd day. Not under the pressure of headship station we had a good row that we were all proud of. We did not let Emma get close or rattle us and maintained 2nd on the river.

On the final day Emma gave it more and started to give us more pressure we responded to their pushes and kept them at bay. A dissapointing overall result for us losing our headship position but we were proud of our rows on the last two days. W2 unfortunately went down 2 in bumps but remain the highest W2 in lent bumps. W3 almost bumped twice before catching two crabs and having equipment failure on another day meant they were unlucky and went down 3.

May term started with a pre-term training week on the Cam with two sessions a day covering a lot of mileage on the river. We were slow to progress at the beginning but we really found our form racing at BUCS regatta the national inter-university rowing regatta. We had a strong time trial making the semi-final for the A-B finals coming within the top 12 of 37 in the time trial. In the semi-final one of our blades came out mid race firmly placing us in the B final. In the B-final we had a fantastic race and were neck and neck with Durham to the finish line where they just edged out in front to take 2nd. We were incredibly pleased with 3rd place beating the Cambridge dev squad 8+ by a wide margin. Overall we placed 9th out of the 37 crews entered in the Intermediate 8s category the highest we can remember W1 placing ever. We all gained a lot of confidence from having raced on a national stage and beating multiple university crews. Celia Kessler and Poppy Hill from W1 were also selected to race in the Cambridge development squad at BUCS making the Intermediate A-final in the 4+ the day after W1 raced. Charlotte Jackson also raced in a Blondie 4+ making the championship final.

We knew May bumps was going to bring some strong competition at the top of the first division. On the first day of bumps we had a fantastic row in completely calm and ideal conditions. On the second day there was a stronger wind and Newnham attacked the front half of the race never settling off the start. They gained around grassy and Ditton and caught us on the first section of the reach. We were disappointed having gained a lot of

confidence from our Day 1 row but determined to put pressure on them for the next two days and to not go down anymore. Days 3 and 4 we rowed well keeping on station for the first half of the race and not letting Emma get near us. Overall we were happy with how we rowed during the 4 days and while disappointed with losing the Headship position we felt we gave it our best performance. We had 4 womens crew's racing bumps. W3 producing the best performance going up 3, with all having learnt to row this year.

We took our W1 8 to Henley Women's Regatta keen to qualify having just missed out by 1 second the year before. We attacked the time trial and were thrilled to qualify making it to the top 16. On the Saturday we raced University College Dublin Ladies RC losing by 1 length in a good race. We came 9th out of the 24 crews competing in the time trial comfortably inside the top 16 when the time trial results were released. We were incredibly happy with this result beating multiple university crews. We also all enjoyed the experience of racing side by side on the Henley course.

Losing the headships this year were disappointing having trained incredibly hard all year but we were pleased to not drop lower than second so next year the crew can apply pressure on Newnham from day 1 in both Lent and May Bumps. With only 2 graduating from W1 and none from W2 I am excited for what next years Women Captain Poppy Hill and Vice Captain Amber Parsons can achieve. I would like to thank all those who have supported JCBC throughout the year but in particular the coaches. Jonathon Condor and Martyn Rooney who coached W1 and Abi Smith who coached W2 as well as everyone who was involved with the lower boat coaching.

Claire Glanville

Boat Club Trust

A year with much in it to regard as “glass half full” and some things to be seen as “glass half empty”. The women’s first boat, W1, won their division, and the men’s first boat, M1, were the fastest Cambridge college, in the Fairbairn Cup; W1 finished second in both Lents and Mays and went on to qualify for and do well at Henley Women’s regatta; the men entered a four for Henley Royal Regatta, after a gap of some years – it is very difficult for a College crew to qualify for the Regatta itself these days, which they didn’t, but at least they were there and benefitted from and enjoyed the experience; nine crews, five men’s and four women’s, on the river in the Mays, and six, three from each part of the club, in the Lents, so that there is no difficulty in recruiting; a highly successful training camp in Spain in January, with twenty-four rowers, four coxes and four coaches in attendance; M1 finished 148th in the Tideway Head of the River Race in March, a very commendable result. Both men and women are full of enthusiasm and hard work, and we are very grateful to Jonathan Conder, “JC”, our Head coach and Boathouse Manager, for all he is doing to move the clubs forward, aided and supported by our increasingly strong team of volunteer coaches: thank you all!

At the same time, plagued by late injuries and enforced crew changes, M1 were very disappointed to go down three places in the Mays, to a depth we don’t wish to occupy, and minds are turning to what more can be done to support the men in particular and bring about the upward direction they, and we, all seek. Overall, we need to ensure that all the hard work which goes in on many fronts is turned into positive results.

We are very grateful to the College for their continued support, both active, on the river bank and elsewhere, and practically and financially. The new concrete floor in the boathouse, installed in the summer of 2018, has been painted gloss white, to give the boat area a cleaner and brighter feel. The Crew Room, built at the back of the boathouse behind the boatman’s space, on the site of the old toilets which past generations will recall,

has been brought into full use, for stretching, crew chats and watching training videos: the College funded and provided the structure – thank you – and the Trust funded the viewing equipment, and four new ergos now in use upstairs. A very successful development. The College owns and funds the boathouse, and provides the boatman as an employee of the College; the Trust provides boats and equipment, and other forms of support to the clubs.

Space in the boathouse – the number of boats, and the quantity of other equipment, in a defined and limited area, has become a major issue in recent years, to the extent that it has become difficult for JC to do his job of maintaining the boats to the high standard he sets himself. Newnham have for many years occupied space for their boats and equipment in our boathouse and agreement has been reached that they will move to a new home, in two stages, part in October this year and the remainder in October next year. We wish Newnham well: they begin their move in the position of Head of both Lents and Mays! The College, and in particular, the Bursar, Dr Richard Anthony, have been very supportive in this process.

As I mentioned in this report last year, we are sorry to lose Ian White as Master of the College: both he and his wife Margaret have been extremely supportive of the crews, cycling alongside many races and attending, and giving moving speeches at, many boat club dinners. We were very pleased to see that the clubs marked their appreciation for Ian and Margaret's years at the Lents Dinner with the gift of a Jesus Blade and a book containing photographs and messages of thanks. Vice-Master Professor James Clackson has been very helpful and supportive since Ian White left and we look forward to the commencement of the term of our new Master, Sonita Alleyne.

We were very sorry to hear of the death in the summer of one of the heroes of Jesus rowing, Sir Michael Marshall CBE DL. His life is recorded at greater length elsewhere in this volume: a Blue and an international oarsman, he made a major contribution to Club and College over many years and is greatly missed.

As mentioned above, our long-held policy continues of investing in the Club, not only by purchasing equipment, but by paying around half of the cost of a major training camp in January. Our current spending policy continues to limit our outgoings to the investment income of the Trust. We will continue for the time being to put aside each year one third of the cost of a new VIII, so that each club receives a new VIII every six years. Other current spending is mainly on training camps, ergos and oars. At 30th June 2019 the capital value of our funds had reached £1.16m, a further record high, and slightly up on a year earlier.

Our property exposure has for several years produced very a healthy yield and good growth in value, but almost no growth in income. In January this exposure was reduced significantly, with a switch into our other balanced funds. Both of our balanced fund holdings (at CCLA and Newton) have had a steady performance over the past year, albeit with lower yield. The switch has caused a step down in Trust income, which we believe will grow more quickly now than if we had stayed so heavily exposed to property.

There has been no change in our investment objective, which is to follow an Absolute Return investment policy with the aim of beating the inflation in our costs and not any market indices. Specifically, our objective is to beat UK CPI inflation +4% per annum for both income and capital growth. We continue to achieve our aim for capital growth but not for income growth. At 30th June 2019 the forecast income for the next 12 months had fallen slightly to approximately £39,000. This represents a yield of 3.3% on our invested capital, a yield which the Trustees feel is sustainable. However, even after the switch mentioned above we do not believe that our income is growing fast enough to keep up with the rise in our costs, and the long-term trend is clear: our purchasing power is slowly

declining. One way in which this is visible is in the declining frequency with which we buy new VIIIs. Hence the Trustees continue to examine options to ‘catch up’ on income growth.

We hold a broad and diverse range of securities, balanced across equities, bonds, property, infrastructure, alternatives, with very little in cash. This keeps the risk/return profile at an optimum level. Every three years we review in detail our investment policy, performance and managers: we last reviewed managers in 2018 and made a modest adjustment.

JC has done an excellent job in attracting coaches to support him but we continue to need more alumni to help support the current generation: by cheering the crews along from the towpath, by visiting the club, by helping with coaching, at whatever level and for however long, even on an occasional basis: you would be surprised how much even a day’s attendance is appreciated. We are very keen that you come to the social events but we, and the club, would much rather see you, whenever suits, at the boathouse. Please give this some thought, and, if and when you can, please contact Jonathan Conder on boatman@jesus.cam.ac.uk, who will provide any briefing and induction, or alternatively Trustees Sheena Cassidy Hope on sheena.cassidyhope@mishcon.com or Matt Jones on mattjones@cantab.net. There have been some outstanding examples in this past year of how successful this can be and we are very grateful to those concerned. The customary pre-autumn term gathering of Captains, Head Coach, Trustees and supporters was held and well-attended, prior to the start of the year.

We also need to maintain our inward flow of funds and I would encourage everyone to look at making a, or a greater, contribution. New members are joining the Friends at a steady pace but we need more, and I would ask those who have contributed, for example by being a member of the Friends, but have allowed their membership to lapse, to resume their membership: it isn’t a huge sum for each member but each contribution is very much valued and together they make a huge difference. Only by keeping our funds topped up can we do what the Trust is there to do.

Membership of the Friends brings a termly email newsletter and other updates, details of social events – such as Boatie Hall in November, our supporters dinner in London in March and the annual barbecue at the boathouse on a Sunday in May – and free parking in the Paddock on Mays Saturday. Further details about the Trust can be found on www.jcbc.jesus.cam.ac.uk/trust; about the Friends on www.jcbc.jesus.cam.ac.uk/sites/default/files/JCBCFriendsSO+GA.pdf; and, for younger supporters, on our graduate donor scheme on www.jcbc.jesus.cam.ac.uk/sites/default/files/JCBCTrust_GraduateDonation.pdf.

In any event David Reid would be very pleased to hear from you on judgedreid@sky.com

The JCBC was founded in 1827 and thoughts are turning to our bicentenary in 2027, and I would draw your attention to the note from Nick Tubbs below.

The excellent tradition of alumni and alumnae going rowing in the afternoon before the JCCS annual dinner in September continued this year and will be taken forward with great enthusiasm next year: Saturday 26 September 2020. If you would like to take part next year, please contact Adrian Greenwood on amgreenwood@tiscali.co.uk or me on dhwootton@gmail.com

The Trustees and their responsibilities are:

Chairman	David Wootton	dhwootton@gmail.com
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Investments	Ewan Pearson	e.pearson@gpb.eu
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Training/Coaching/		
Quality of Rowing	Matt Jones	mattjones@cantab.net
Boat Club Strategy/		
Boatman/Boathouse	Jon Hutton	jon_hutton@hotmail.co.uk

I am very grateful, as I am sure readers will also be, to all my fellow Trustees for all their time and effort: entirely voluntary when they all have jobs and commitments to more than fill their days otherwise. We are delighted to be joined by Danny White as our Treasurer. I am particularly grateful to Ewan Pearson and Richard Tett for acting jointly as treasurer following Chris McDouall's death.

We also congratulate this year's Captains: JCBC President and Women's Captain Claire Glanville and Men's Captain Matt Anderson on their leadership and dedication in difficult circumstances. We wish Poppy Hill and Chris Saner, the new President and Women's Captain and Men's Captain respectively, and the other officers and committee members, all success: they will know that there is a huge well of support for them and lots of advice and guidance available to them in the coming year.

We look forward with confidence and wish the JCBC well.

David Wootton, Chairman

JCBC Bicentenary 2027

In 2027, Jesus College Boat Club will celebrate its 200th anniversary. Since its foundation in 1827, the club has achieved 25 Henley wins, 29 Mays Headships, and 44 Lents Headships. This includes the longest streak of consecutive Headships of any College. Many famous faces have passed through the club as it has made its mark in rowing history. We have a heritage and identity to be proud of.

The bicentenary is JCBC's opportunity to celebrate its past, take stock of the present, and look to its future in order to ensure its ongoing health and success. A number of aspects have already been considered for JCBC's Bicentenary Campaign, and more information on this will be sent to those on its mailing list later this year.

If you are not receiving termly updates on the club organised by Richard Tett, nor have been invited by email to this year's dinner celebrating of 40 years of men and women rowing at JCBC, then you are likely not registered on the mailing list. If you wish to be so, there is a simple sign-up form on the JCBC website:
<https://www.jesusboatclub.co.uk/mailing-list>.

One aspect already being worked on for the Bicentenary is an update to JCBC's 'red books'. The last, penned by Muriel Brittain et al, reported up to 1994; there is ample opportunity for a new volume to bring recorded history up to date. Work has already begun reconstructing crew lists and their successes, as well as JCBC Committees, from the fairly limited records remaining, and so assistance is requested in completing this endeavour. At this early stage, special thanks should already go to Robert Athol, the College Archivist, and Lara Sullivan (2014) for their efforts.

Spreadsheets on Google Docs of the data collated so far are available here:
<https://bit.ly/2kBfP4M>. Comments can be added to individual cells by anyone with this

link: advice, amendments, and additions would be greatly appreciated from JCBC's alumni community as it seeks to reconstruct these records. Edits to the spreadsheet can be made directly which I can then review, or I can be contacted directly by email: nat27@alumni.cam.ac.uk.

Nick Tubbs (2014)

* * *

Cricket

Men

As with most seasons this one started with the usual mixture of good and bad. The fresher's sports fair proved the most successful in recent years, with over 30 sign-ups (including 4 wicket keepers!). Sadly, an unfortunate shoulder injury and a whole host of sporting injuries removed our opening bowler and last seasons captain respectively. Nonetheless, with the newfound hoard of freshers we were undeterred.

Our first match was a friendly T20 against the Graduates, Fellows and staff. The Undergraduate side elected to bat first, hoping to use the setting sun to their advantage.

A strong opening performance from the top 4 put the undergrads in a dominant position. However, an unexpected batting collapse from the middle order and the opposition's insistence that our top scoring batsman retire "in the spirit of cricket" put the Graduate side back as the favourite. A strong final stand by Manu Ratnayake and Ben Francis stemmed the flow of wickets, giving the undergraduates a total of 148.

Keen to test out our new bowling talent the undergrads went out to field. There were several capable performances from our new talent, however none quite matched the experience and composure of Mohsen Elabbadi. A very strong opening performance and great depth in the batting gave the Graduate side the eventual win after 19 overs, with 2 wickets to spare.

Our next fixture was a 30 over game against the Wozzlers, always an enjoyable fixture with many alumni returning. The Wozzlers went out to bat, and despite several strong bowling performances scored a very dominant 237. Particular commendation to Alex Osborne, delivering an impressive 4 over spell, with 2 maidens and a wicket for only 7 runs! Despite a technical 45 run batting performance from Caspar Ramsay, tidy bowling by the Wozzlers dismissed our side for only 140. Nonetheless, this it was an enjoyable game as always and we hope to put up more of a fight next season!

Our first Cuppers game proved a challenging one, facing a strong Fitzwilliam side that went on to take their 4th consecutive Cuppers title. Jesus won and elected to bat first, a sadly short-lived endeavour with Fitz bowling us out for 94. Despite strong performances from all our bowlers (including 4 overs, 3 wickets for 23 from Hamish MacGregor), the Fitzwilliam side chased down our total with 6 wickets to spare.

Our final two Cuppers games were similarly successful, with the T20 against Kings being called off due to low numbers of our part. Due to player availability on Wolfson's part, our game against them was shortened to a T10, a format new to our team. Despite the rain's best efforts Jesus score a respectable 89 run. Sadly, as seems to be the theme of this season, our bowlers performed well, but Wolfson chased down our total with 4 balls to go.

The last official fixture was a declaration game against the Wozzlers. The visiting side went out to bat on the rock-hard wicket, with our bowlers warmed up and eager to end our spell of bad luck. Despite a strong opening partnership from the Wozzlers, our bowlers

found their length, with Hamish MacGregor's leg spin dealing 10 overs, 1 maiden and 4 wickets for 36 runs, Johnny Staunton Sykes 8 – 2 – 21 – 1 and Ben Willis 4 – 0 – 9 – 0. We broke for tea with an achievable 182 runs to chase. Thanks to a marathon innings of 46* from Tim Flanagan, backed up by Douglas Dolleymore and me, the Jesus side chased down the total with 6 wickets to spare, ending the season with a proud victory!

In recent years the season has been ended with a match against the Old Boys, but due to availability this was sadly cancelled. In its place, the undergraduates played a 10 over test match with reversed batting orders for the second innings (no mean feat finding 22 undergrad cricketers on the last day of bumps!). This proved a very enjoyable and entertaining match and a great end to the season.

Usually I would close by announcing the player of the season, but with so many individuals putting in noteworthy performances this season I cannot single one person out.

It is my pleasure to instead finish by announcing that Ben Francis will be skipper JCCC into the next decade, ably assisted by Douglas Dolleymore as Vice-Captain. I wish them the best of luck and hope this side achieves the strong results it deserves.

LDSN.

James Douie

* * *

Football

The Jesus grads were off to a flying start this season, unbeaten in 7 straight league games. However, the clean record we had become accustomed to was soon to be snatched away by the most pathetic means of losing a match I have ever experienced, a last minute pitch cancellation. This led, for reasons still bemusing, to an automatic loss. Thus, it rested on our final league game to decide whether we finished top or third. Jesus fought valiantly but came away with a 1-0 loss, a score Jesus undergrads know all too well. Why is it that we can never score? Jesuan Defenders past and present must be praised, as never has a college club won so much by scoring so little!

Unfortunately, our Cuppers campaign proved equally disappointing, losing in the quarterfinals to Hughes Hall. An especially disappointing outcome, given this season is to be the last for veterans Phil Burn and Callum McCarthy, both of whom bid us farewell after four years of top flight Jesuan football. I elected Callum and Phil deserving co-captains for this year's Cuppers campaign in the hope that they might lead the club, which they have dedicated so much time to, to victory. Their commitment and quality of play has brought Jesus so much success over the years and they should leave us proud of all they have given.

I myself can claim 6 years of playing for both the grad team and undergrad teams, captaining us to three cuppers trophies, though never earning that elusive league win. However, with a heavy heart I leave for Homerton next season and must pass the captaincy on to a new, younger fool, naïve of the impending addiction, frustration and hours spent ensuring the next Harry Roocroft doesn't kill the opposing midfielder.

I will sorely miss everyone and everything that JCFC has been to me. It has been a wonderful few years boys, I can't thank you enough. So, to the glorious Ian White Rangers, may I wish you all the best.

Miles Stopher

* * *

Hockey

Men

As always, several key players from last years squad were replaced with some very skilful incoming first years. These freshers integrated quickly into the team and were essential in the tough season we faced

Despite several colleges merging their teams, we maintained our place in league 1 at the start of Michaelmas. The term was tough, and we faced a lot of difficulty coming up against some very strong opposition and icy pitches. Through the struggles however, we came out with important wins over Downing and Trinity-Fitz; securing us 6th place in the league – maintaining our League 1 status into Lent term.

Just before the end of Michaelmas, we had our annual varsity match against our sister college in Oxf*rd. This year we were playing away, but we didn't struggle to field a strong team. Jesus Oxf*rd had a very strong team made up of university players. However, our excellent teamwork and some brilliant goalkeeping by Ratnayake allowed us to hold on and in the closing stages, Catlow snuck forward to score the winner. A very satisfying 1-0 win!

Lent term was unfortunately a similar story to last year – multiple ongoing varsity matches and poor weather leading to many games being cancelled. We still managed a good win over Catz and a draw against Pem-Christ's, giving us 5th place in the league.

The Cuppers campaign was the major highlight of this season. We found ourselves starting off in the quarter-finals of the men's competition. It was grudge match against Selwyn (who knocked us out last year) and we had score to settle. Rock solid defence from Gilmore and Stoddart-Stones made light work of their attack and the talented youth of our team, including Wang, Shaw and Davison, saw us cruise to a 2-0 win. In the semi-finals, another strong turnout of university hockey players allowed us to comfortably defeat Pem-Christ's 7-2. Caesarian Sunday was, as usual, cold and wet and we faced a very well organised and talented Trinity-Fitz team. The match was a fantastic game of hockey and due some brilliant individual talent and teamwork we won the final 5-2! A great way to end the hockey year!

Ethan Francis

Women

The women's side of the club had a largely successful season, although often struggled to field a full team. While we kept many of the older faces, notably Hattie Pinto, Emma Catlow, Issy Piper and Anne-Marie Bowring, an initial influx of freshers soon died out after finding themselves busy with work and other activities. However, we were unbeaten in the league, including a massive 19-0 win against a joint Murray Edwards-Emmanuel-Christ's team. This was largely down to commitment from the several key players mentioned above, as well as talented freshers Lizzie Jack and Melissa Yuan.

One of the highlights of our season has to be the 1-0 win over Johns in the Women's Cuppers quarter-finals. With Johns having always been a strong contender, we were aware that it would be a tough game – not helped by the fact we had only 8 players playing against their full team (with a keeper and subs). However, we played some of the best hockey we played all season, and some fantastic defending kept the score 0-0 at half time until we snatched a goal in the second half. Holding off several university players from the Johns team with no keeper of our own meant a tense final 10 minutes, but our defence held strong and we progressed into the semis. A no-show from St Catherine's meant we were into the final, to be played against Murray Edwards. After watching the Men successfully beat Trinity-Fitz in their game, and with the knowledge that Murray Edwards would undoubtedly be a strong team, it was a tense game. While we had plenty of chances and

arguably played better as a team (although I may be bias), we unfortunately lost 1-0 after a stunning reverse hit from the opposition found the goal.

As well as the men and women's teams reaching the finals of Cuppers, the mixed team accompanied them on C-Sunday, and triumphed over Trinity-Fitz 1-0. We knew we had a good chance of mixed Cuppers success, given the influx of Blue-standard hockey freshers, but we were tested early on against Caius, in a game that went to shuffles. Manu Ratnayake saved the day, saving more shuffles than a 6ft ex-Blues goalie – showing his talent once again. Two more wins against tough opponents (St Johns and St Catherine's) meant that we were to play in the 3rd final of the day. Although many players had already played a game previously, we pushed through the fatigue to win 1-0.

Overall, it was a successful season for the women's hockey team, as well as the mixed in Cuppers. Hopefully we can better our success next year by winning all 3 titles.

Kirsty Hume

* * *

Mixed Lacrosse

Another year of Jesus Mixed Lacrosse displayed some fantastic results with players both old and new. We had a great intake of freshers after losing many players last year, ranging from complete beginners to those who play at university level. Those who had just started to learn came along very quickly, in particular Harriet Pinto, whom we named player of the tournament at Cuppers.

Every match at the weekend was well fought, and highlights include a stellar 7-0 victory over Christs in Michaelmas. The annual Jesus-Jesus tournament against Jesus Oxford was a very close game, with some fantastic play from everyone. There was an excellent display of stick work from everyone who had played, and this showed an early insight to the development of the squad. The first term was rounded off nicely, with Jesus in a comfortable position in the top Division to carry this great play into Lent. Unfortunately, with the turbulence that comes with Lent term, many of our team members were unable to play at the weekend, which has meant that Jesus has been bumped down to Division 2. But, given the strength of our team, we are confident that Jesus will storm through these matches to regain its rightful place in the top Division.

With the weather holding up well, the much anticipated Cuppers tournament was held at the end of Lent. The results of the group stages is itself a demonstration of the resilient nature of our team, with Jesus finishing top of the groups. The hard fought group matches saw Jesus defeat the likes of Clare, which came with its own satisfaction given their win earlier in the term in the league match. However, Jesus' fate at Cuppers ended after the quarter-finals, with a very narrow 1-0 loss against the Medics. But, the team left the pitch with their heads held high. Despite the disappointment, Cuppers was a great day for the team to play lots of lacrosse together and showed the immense improvement of our players, many of whom had just started playing this academic year.

Overall, Jesus Lacrosse had another exciting year. We have been so happy to captain such a great group who show much potential in their play. But, as with the end of every year, we are also saddened by those players that we have to say goodbye to. They have brought so much energy and talent to the team and we will miss them a great deal next year. However, we have no doubt that the next generation of Jesus Lacrosse will bring the same passion and enthusiasm to the team. We are thrilled to hand over leadership to next year's captains, Susannah Boyle and Jeremy Pearson and we cannot wait to see them bring future success to the team. We wish them the best of luck!

Shivani Bajpai & Alice Boneham

Netball

Women

This year saw a successful season for the Jesus College Ladies Netball team both on and off the court. The season started strong with an influx of keen new players ready to join the club and help break in the newly painted third court. After being successfully promoted to the first division of the league at the end of the 2017/2018 season, the team began weekly training in order to compete at the highest level. After soundly beating new rivals such as Newnham and Fitzwilliam, the team ended up placing 4th overall in the league by the end of Michaelmas. There was a particularly strong performance against Gonville and Caius, with Jesus winning 25-9!

Near the end of Lent term there was a big victory against St John's, our tough rivals and the team that ended up winning Cuppers at the end of the season. In Cuppers there was a strong turnout of players across the years for the tournament, and the 1st team came 3rd overall after beating Gonville and Caius in a play off match. This was particularly satisfying as their team had knocked Jesus out of the quarter final in last years Cuppers tournament. Cuppers was a greatly enjoyable day for all involved despite a mid tournament downpour and rumours of a broken leg at another qualifying round, and we finished the season off with a victorious team lunch!

Standout players from this year have included Sejal Karmarker, a feisty player with many outstanding interceptions during matches and Annabel Paterson, who brought a lot of strength to the defence end of the court. Both will be playing leadership role in the club for next season. Captaining the team was a real highlight of this year for me and I wish the incoming Ladies' captain Lucy Bell the best of luck for next year. We are looking forward to the expanding success and growth of the club, which continues to build a strong reputation for success amongst other colleges.

Imogen Beltrami

Mixed

The mixed netball team had a superb season this year. We began Michaelmas term in division 2 and after winning 7 of our 8 games, finished top of the table and were promoted for Lent. Notable results came against Girton (28-9), Sidney Sussex (25-6), Trinity Hall (18-4) and Medics (24-12). Our only loss was an unfortunate game against Downing where we were defeated by only 2 goals. Michaelmas Term ended with a trip to Oxford where we beat our counterparts very convincingly before enjoying an evening out together.

Lent term started much the same as Michaelmas, with a strong win against Fitz 23-7. Despite the tougher competition in division 1 we continued to dominate the majority of matches we played, winning 5 out of 6 games. Our only loss came in a tough match at the end of term against Trinity, a team who ended up winning both the league and Cuppers – one to watch out for next year! Jesus finished 3rd in the division, 3 points behind Trinity and only having played 6 games of a possible 8.

Easter term began with an incredibly successful day for Jesus in Mixed Cuppers. We sailed through the group stages to join the most successful 8 teams from the morning in the finals at Downing courts. The change of scene didn't phase us, and we put in our best performance of the day, and possibly the season, to beat Selwyn in the quarter finals and see us through to the semis. The semi-final was not without its drama, ending with a draw against St Edmunds, the highest scoring loser from our own group. Having beaten them that morning, we managed to go out strong for the 6 minutes of extra time and surprised ourselves by eventually beating an incredibly strong Eddie's team. Unfortunately the day didn't go entirely our way as after a tiring semi-final where we gave it our all, we met Trinity



The team after mixed Cuppers

for the second time this year and unfortunately they got the better of us once again. Nevertheless, I think it is clear that with a promotion, 3rd place in the top division and being Cuppers finalists, the Jesus mixed team have had a very successful season.

I'd like to finish off by mentioning some of the players that have performed so exceptionally all year. Firstly, Anna Christiansen whose commitment and consistent interceptions have given us many turnovers and fresher Sejal Karmarkar for her versatility on court – filling into whatever position necessary and always performing outstandingly. Also, Luka Jovanović and Sam Bedell for their very slick basketball-style shooting that never fails to stun the opposition, and fresher Lucy Bell for her commitment, excellent defending and persistent encouragement. Thank you to my incredible co-captains Zannah Lindley and Imy Beltrami without whom this season would not have been such a success.

Finally, best of luck to next year's captains Sejal (mixed), Lucy Bell (ladies) and Annabel Paterson (vice) and a massive thank you to everyone else who played for and supported Jesus College Netball Club this year.

Lucy Thompson

* * *

Rugby

The Jesus College Rugby Club faced a tough and gruelling 2018/2019 season. With the loss of a number of star players from the previous season, including former captain Toby Twentyman due to a nasty concussion, the club commenced its preseason training in preparation for an arduous season ahead. The incoming freshers proved promising, joining the club with waves of enthusiasm, with abilities ranging from veteran players to those who possessed the rugby player physique but were yet to pick up a rugby ball.

The season kicked off with a tough match against a rising Churchill. Seemingly unphased by defeat however the team bounced back for a convincing 38-24 win over a strong Girton side the following week. With a few opponents pulling out due to lack of numbers we came up against Fitzwilliam in our next fixture, starting off strong Jesus

scored first but unfortunately couldn't hold out to the larger and more experienced Fitzwilliam side.

Our next match took us far away to 'the other place' where we faced our Jesus Oxford counterparts. Obviously disheartened by their heavy defeat in Cambridge the previous year the Jesus Oxford seemed suspiciously transformed with experienced players coming out of the woodwork. Such is the nature of a weekend-long away fixture we arrived with an already weakened side. The players however, played fiercely and showed resilience until the end. Personally as captain it was the most difficult game I have ever played and true credit to all of our players who really stepped up in the face of defeat and never let their heads drop. Despite the result, we had a fantastic weekend as a club and college, with the team growing closer over the weekend socials as a result. Unfortunately, the weekend away extracted a heavy toll on the club, with a number of injuries including a nasty injury picked up by 2016/2017 captain Caspar Ramsey, forcing him to sadly retire from the game. Still suffering from injury in January, we faced Robinson in the bitter and lashing rain. Unfortunately this only seemed to compound the issue, with more players picking up niggles and more serious injuries. This forced us to take a break the following week due to lack of un-injured players.

However, we were able to bounce back for the highlight fixture of the season – the Wild-Dawson Memorial Match against the Jesus Old Boys. Always the toughest and most entertaining match of the season, the weather was much kinder this year allowing for more flourish and flare from both sides.

The team then went on to round off the season with a crucial nail biting 13-12 win over St Catherine's to stay up in the second division. Despite a tough season the team has shown a great deal of enthusiasm and development with players new to the game coming on leaps and bounds from their first ever match in October.

Looking forward the 2019/2020 season shows great promise for the club with James Ingham at the helm.

Adam Goldney

* * *

Squash

With over fifty freshers attending squash taster sessions at the start of the year, Jesus squash appeared to be in a good place going into the 2018/19 academic year. Despite an early Cuppers exit to Girton, Jesus 1st team were able to secure a 5th place finish in the top college squash division – an impressive position given frequent encounters against university standard players. Many thanks to those that represented the college; Dougie Dolleymore, Laura Mullankey, Sam Watson, Matt Daggitt and Will Duggleby.

As ever, the squash courts prove popular amongst Jesuans looking for some relaxation and exercise. If anyone has any suggestions for Jesus squash, please contact the 2019/20 captain- Dougie Dolleymore - who I'm sure will do a great job in running a fun year of Jesus squash.

Ed Hyde

* * *

Tennis

It has been a great year for Jesus College Tennis Club, both in intercollegiate league matches and social college sessions. From the very beginning of Freshers week, right through to our final session in May week, college tennis has been thriving thanks to the endless energy and commitment of the players, which has been great to see and work with!

Jesus once again did ourselves proud with all of our teams maintaining their standings in the league divisions, despite being one of the few colleges fielding three teams in the winter league. Our first team maintain their position in the top division after many outstanding performances. Our players battled the elements throughout Michaelmas term and managed to put in courageous performances, despite rain, wind and even the odd snowflake!

Congratulations to our men's cuppers team who sailed through the competition in Easter term, winning the title comfortably after being runners up the previous year. They were cheered on by the Jesus tennis and college community in the final match, which was fantastic to see and definitely gave our players a great boost. Hopefully this strong performance will put us in a good position to retain the title in the coming years.

As well as match play, the club has been very active and well-supported in terms of weekly training and social tennis sessions held throughout all three terms. Despite some challenging weather conditions in Lent term, it has been fantastic to see so many members turning out come rain or shine to enjoy a social game, and this energy has extended from our weekend drills and points practice to a Bridgemas special at the end of Michaelmas term!

Being tennis captains this year has been an absolute pleasure and we would like to thank everybody who has represented the teams and played socially for your enthusiasm and dedication, which has made college tennis a thoroughly enjoyable experience for all involved. We have no doubt next year's captains will have as much success and fun as we have had this year and we look forward to celebrating their ongoing triumphs!

Lucy Johnson & Reece Patel

* * *

Ultimate Frisbee

The 2018/2019 season had its highs and lows for Jesus Ultimate. Having lost some of our key players last year, we were thankful for the arrival of new keen players from first year and second year students. With the number of players we had, we were able to host weekly training sessions which helped develop the skills and intuition of the game for our new additions.

We started the year brilliantly, winning four out of our six games in Michaelmas, which resulted in a fifth place finish in the college league. A particular highlight was our 10-7 win against Churchill, who went on to become the eventual winners of the league in Michaelmas. We also came a reputable seventh out of the sixteen teams that took part in Indoor Cuppers at the end of Michaelmas.

Lent was a difficult term for Jesus Ultimate. The cold and windy weather in winter resulted in a decrease in the number of players we had. In addition, we also lost a few of our key players to injury. Out of the seven games that we played, we were only able to pick up two wins, which were against St John's and New Thundercatz (primarily made up of Fitzwilliam, Gonville and Caius, and St Catherine's students). Despite the disappointing results in Lent, we can take pride in our second place finish in terms of the Spirit of the Game – a measure of the mutual respect and sportsmanship of a team.

In Easter, we were able to improve on our game, where we won three out of the seven games that we played. Despite the underwhelming results, we were proud of the grit and determination that we showed against the better seeded teams in the league. A particular highlight of the term was our game against the town team. Even though the town team had players with more experience, we were able to edge them in a well fought game with a 11-9 win.

Overall, this has been an enjoyable year for Jesus Ultimate. We are extremely happy and proud of the performance of the team, and we hope to progress further in the coming year. We would like to thank the players of particular note this year, Phoebe McDonnell, Peter Ondus and Edwin Jarratt-Barnham, who have all developed tremendously despite being new to the game. On that note, I would also like to wish our new captains, Phoebe and Peter, the best of luck in their forthcoming roles. 

Yi Jer Loh

Members' News



Members' News for 2019

People

M S T ANDENAS (1990) received an honorary QC from the Queen in March 2018. From the recommendation to the Queen: "Professor Mads Andenas is considered a stellar academic". He was further recommended for his work in the fields of comparative and international law, in familiarising academic and practising lawyers and the judiciary in this jurisdiction with other systems of law and by encouraging exchanges of views and approaches between common and civil lawyers. Professor Andenas has written many books on the subject. He has established a series of annual seminars on pressing issues as seen from European Supreme Courts. This was inaugurated by a seminar in the UK Supreme Court with the participation of a number of leading UK practitioners and judges. He was also member and Special Rapporteur in the UN Working Group on Arbitrary Detention, and contributed to its report 'Basic Principles and Guidelines' (2012).

H BEVAN (2011) was awarded an OBE for her contribution to technology, innovation, and STEM education. She is currently the CEO and founder of UtterBerry Ltd. UtterBerry is a patented intelligent wireless sensor system which works on extremely low power. Fitting in the palm of the hand and weighing less than 15 grams, UtterBerry sensors are the smallest and lightest wireless sensors in the world and are also the first to employ artificial intelligence. Despite their size, they work to sub-millimetre precision, measuring multiple variables; collecting and interpreting data at the source and transmitting information in real time.

A C-L CHAN (2013) completed his graduate apprenticeship at AECOM and is now a Quality Engineer at MathWorks in Cambridge.

L DAVIDSON (1997) has published her book, Laura Davidson (ed.), *The Routledge Handbook of International Development, Mental Health and Wellbeing*. Dr Davidson is a London Barrister specialising in mental disability law and human rights, and co-founder of Mental Health Research UK – the UK's first charity dedicated to funding research into the causes of mental illness. She is also an international development consultant, and has been a visiting academic Fellow at the University of Cape Town for a number of years.

H H DAVIS (1968) has been awarded the status of Fellow of the Academy of Social Sciences (FAcSS). This award is granted by the Academy of Social Sciences to leading academics, policy-makers, and practitioners of the social sciences.

F DE MAUNY (née PARRY, 2001) became the world champion in the W35 800m with a time of 2:10:24 in September 2018.

C P DEVLIN (2015) has co-published a book chapter on healthcare for migrants with Dr Sarah Steele, Senior Research Associate and Deputy Director of the Intellectual Forum, Jesus College. The chapter was co-written in 2017 during his time as an Intellectual Forum research intern. The research focused on migration law and policy, in particular migrant entitlement to NHS healthcare and the asylum procedure for transgender applicants. After graduating in Law last summer, he is now a BCL student at the University of Oxford.

G L DIXON is currently Chief of Capability Acquisition – Projects at Rolls Royce in Barnoldswick, owning the advanced manufacturing, capability and capital spend activities. In 2015, she represented Rolls-Royce as a judge in the 2015 Women In Science and Engineering (WISE) Awards, presenting to an audience of circa 300, including HRH Princess Anne. In 2018, she was an Award Finalist (last 3) in the 2018 (WISE) Technology Award.

T A DARNTON (née Hobbs, 1986) was shortlisted in the Waterstone's Children's Book Prize 2019 for her latest book, *The Truth About Lies*.

C T EAGLETON (1995) was appointed a new Director of Museums at the University of St Andrews. She will be responsible for the significant collections held by the 600-year-old University as well as managing its two accredited museums, the University Museum (MUSA) and the Bell Pettigrew Museum of Natural History.

D A EDWARDS (née Swinglehurst, 1987) has been appointed Professor of Primary Care at Barts and The London School of Medicine and Dentistry, Queen Mary University of London.

G FERRARI BRAVO (1967) would be delighted to meet any Jesuans who are visiting the music centre Unisono in Feltre, Italy (www.centrodimusicaunisono.com). The centre has been awarded a European fund and is now completing a studio for recording classic and modern music.

P J A FRANKOPAN (1990) was recognised as one of the world's top 50 thinkers by *Prospect*, a leading magazine covering the finest writing on politics, culture, economics and ideas: <https://www.prospectmagazine.co.uk/features/prospect-worlds-top-50-thinkers-2019>

J H GIRLING (1952) and his wife Diane celebrated their Diamond (60th) Wedding Anniversary on 23 May 2019 with a weekend away with their family (19 in all!) at Greenhouse Christian Centre, near Poole in Dorset.

P J GODDARD (1978) is working as a freelance translator, copywriter, and editor in Pensacola, in the far northwest of Florida and would be delighted to meet any Jesuans who live nearby or are passing through.

L GONG (1987) returned to Cambridge in 2019 when he was appointed CEO of Linaro Ltd, a Cambridge-based company developing systems software for the ARM ecosystem. After completing his PhD, he left Jesus for America in 1990 and was awarded the Leonard G. Abraham Prize in 1994 by the IEEE Communications Society. He has worked for a number of US technology companies as a distinguished scientist at Stanford Research Institute, as an Engineer at Sun Microsystems, General Manager at Microsoft for the MSN division in China, and as President and Chief Operating Officer at Mozilla Corporation. Li has also been active in venture investment and start-ups, serving as a Venture Partner and Head of the China office for Bessemer Venture Partners as well as Founder/CEO of Acadine Technologies. He lives with his family in Palo Alto, California.

J HAROUNOFF (2013) was selected by the Fellowships at Auschwitz for the Study of Professional Ethics (FASPE) to participate in a highly selective two-week programme in Germany and Poland in the summer of 2019. The program explores the conduct of journalists in Nazi-occupied Europe as a way to reflect on ethics in the journalism profession today. He has also had a series of articles on Middle Eastern affairs published in the *Jerusalem Post*, *Religion News Service* and *The Forward*.

M P HAYES (1976) won a Lifetime Achievement Award at the Essex Teaching Awards 2019. He is the Chair of Governors for Saffron Walden County High School and the Chair of Saffron Academy Trust and was recognised for over 30 years of commitment in this voluntary capacity.

N G E HUDSON (1978), an auxiliary bishop in the Roman Catholic diocese of Westminster, has been elected President of the Catholic Record Society.

N A JACKSON (2006) became a Master of Wine (MW) in February 2019. The MW is the highest qualification in the wine world and is examined by five three-hour theory papers on topics ranging from viticulture to the business of wine, and by a 36 wine blind tasting spread over three days, in which you are expected to identify grape variety, region of origin, price and sometimes vintage. The final part of the exam is the research paper and Nick's

paper was on wine in seventeenth century English poetry. His wine career started while studying at Cambridge, where he was a member of the university Blind Wine Tasting team for their victory over Oxford in the Varsity match of 2011. Nick was also the first MCR President at Jesus College.

G C KILLINGWORTH (1968) published a gothic MG children's novel entitled *The Dead World of Lanthorne Ghules* with the Pushkin Press in 2019.

S-S KIWANUKA (2005) was nominated by the PRS Foundation as a British Council's Musician in Residence for 2018/2019 and was invited to several Universities to talk about East-West collaboration. You can read more here on his time in China:
<http://music.britishcouncil.org/projects/musicians-in-residence-china/musicians-in-residence-china-2018>

J M LONGBOTTOM (1982) (married name SCIVER) Director, Consular Services at the Foreign & Commonwealth Office since 2016, was awarded a CMG in the 2019 Queen's Birthday Honours list for services to British foreign policy and to British nationals overseas.

O H OGUNBIYI (2015) is co-author of a new book, *Taking Up Space: The Black Girl's Manifesto for Change*, the second title published by Stormzy's #Merky Books. The book explores the lack of diversity in education, tackling topics including access, curriculums, mental health, relationships and activism. Ore has just completed a Master's in journalism at Columbia University in New York.

J PENZEL (1996), teacher of Latin and English at Max-Planck-Gymnasium, Gelsenkirchen, and church warden in his local parish of Bochum-Wiemelhausen, has been appointed Associate Lecturer in Ancient Greek at the Faculty of Protestant Theology at the Ruhr-Universität Bochum, where he had received his Doctorate in 2005, as well as, temporarily, at the Institute of Catholic Theology at the University of Duisburg-Essen.

J C REES (1967) has been acting as 'Consort' to his wife, Dianne (mother of C L REES [1992], J E REES [1996], F A R BARRATT [née REES, 1999] and W R REES [2006]) during her year of office as Lord Mayor of Cardiff.

J E REES (1996), Head of Apex Chambers in Cardiff, has been appointed a Queen's Counsel.

S L RUMSBY (née MANNING, 1992) serves as a magistrate in Cambridgeshire.

N R SELDEN (1986) was elected to a 6-year term as Director of the American Board of Neurological Surgery, and will also serve for two years as Chair of the Professional Board of OHSU Healthcare. In 2019, he published *The Rhetoric of Medicine: Lessons on Professionalism from Ancient Greece* (with Nigel Nicholson) and *Pediatric Neurosurgery* (with Lissa Baird), both from Oxford University Press.

A J SMITH (1999) was ordained in the Church of England in June in Durham Cathedral, to serve as curate in St Paul's Church, Spennymoor, and Whitworth Church (Diocese of Durham).

R D C THOMPSON (1994) has been awarded an OBE for services to Countering Terrorism in the New Year Honours List for 2019.

S WALTHER (2005) was appointed Lecturer (Assistant Professor) in Economics at the Department of Economics, University of Sussex, in September 2018.

N G G WEBB (Schoolmaster Fellow Commoner, 1980) and his wife Caroline have been writing again – this time it is a biographical book, with the improbable title *Mr Sugar Face and his Moll*, about the remarkable Victorian couple, George Webb Medley (well-known in the worlds of chess and economics) and his wife Maria (Molly) Selous. Details can be found on the website: www.leginipress.co.uk

Births

Laura BARBER (1992) has a daughter Beatrice Rose, born 8 December 2017.

Sytske BESEMER (2008) and her husband Wouter, have a son, Hidde Tygo, born 12 September 2018, a little brother to sister Serra.

Sophie CISLER (née Mansell, 2006) and her husband William, have a daughter, Zoe Georgina Shadowfax, born 25 November 2018.

Gemma DIXON (1996) and her partner Darren, have a son, Ethan, born 11 March 2017.

Robert DUNCAN (2007) and his wife Elizabeth have a son, Ewan Isambard Robert Duncan, born 19 November 2018.

Tara FINEGAN (2009) and her husband Dan Berg (Clare Hall, 2013) are delighted to announce they have a son, Arthur Jay Bergstrahl, born 17 February 2019 in Rochester, NY, USA.

Richard MYCROFT and **Zoe MYCROFT** (née Duck), both 2003, are delighted to announce the arrival of Thomas, born on 18 January 2019, a brother to Alexander.

Chris OUVRY-JOHNS (1993) and his wife Philippa (New College, Oxford, 1994) are delighted to announce the arrival of their daughter, Sophie Louisa Romilly Ouvry-Johns, born on 23 July 2019, a sister to Thomas.

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Marriages and Civil Partnerships

Natasha BRICE (2008) married **Ben MORRIS** (2011) on 10 August 2019 at York Minster.

Luke BUSBRIDGE (2001) married Janine Willard on 27 April 2019 at St James the Great, Darlington.

Sarah GALES (2010) married James Righetti on 24 March 2018 at St John's, Lindow.

Daniel HOWELL (2006) married **Charlotte RODEN** (2007) on 4 January 2019 in Wanaka, New Zealand with 12 other Jesuans in attendance.

Duncan MARTIN (1987) married **Virginia HENLEY** (1989) on 24 August 2019 in Jesus College Chapel.

Christopher MAY-MILLER (2013) married Mary Squibb on 14 September 2019 at St Mary's Church in Little Easton, Essex.

Maria OXLAND (1986) married Ian Price on 9 September 2018 at Chartridge Lodge, Chesham, Buckinghamshire.

Lucy RHODES (2005) married Edward Rydings on 3 August 2019 at Woodhouse Eaves, Leicestershire.

Thomas ROTHWELL (2011) married **Eleanor HUSSEY** (2013) on 6 April 2019 in Jesus College Chapel.

Simon STRICKLAND (1975) married Antonia Küper on 26 April 2019 at the Anglo-German Club, Hamburg, Germany.

Dean WILLIAMS married **Rebecca NEWHAM** (both 2011) on 11 May 2019 at The Nottinghamshire Golf and Country Club, Nottingham. ♀

Obituaries



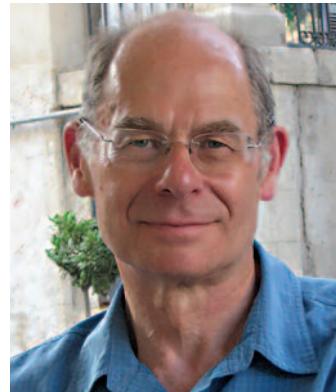
Photo by Rhona Watson

Obituaries

Fellow in Post

Stephen Theodore Chesmer Siklos was born on 27 March 1950 and died on 17 August 2019.

Stephen's father Theo was from a Jewish family in Budapest. Theo came to Britain in 1938, accompanied, according to family legend, by an English dictionary and a geometry set; he was a lecturer in electrical engineering. Stephen's mother Ruth, daughter of Anglican missionaries, spent her early years in Burma and later worked as a medical social worker (then termed 'hospital almoner'). Stephen had two siblings, younger sister Bridget, who died at the age of 60, and older brother Paul, who survives him. When Stephen was eight the family moved from Epsom to West Sussex, with his father's appointment as the first Principal of Crawley College of Further Education. Stephen was educated at Collyer's School for boys, around the corner from the family home in Horsham. In personal recollections written shortly before his death, Stephen was characteristically self-deprecating about his academic abilities – 'good but not top-notch', but a schoolfriend recalls that he was extremely intelligent.



In 1968 he won entrance to Pembroke College, Cambridge, to read mathematics. Although he took a side-step to physics in his second year, he returned to maths and was encouraged by his Tutor to stay on after Part II. To Stephen's surprise, but no one else's, he won a distinction in Part III together with the Tyson Medal. After a year teaching at Dulwich College, he returned to Cambridge in 1973 to study for a PhD, for one term under George Ellis and then with Stephen Hawking. His dissertation, entitled 'Singularities, invariants and cosmology', so impressed his examiners that each of them hired him as a post-doc, first Dennis Sciama in the Department of Astrophysics at Oxford, followed by Malcolm MacCallum at Queen Mary College in London. Stephen's area of research was Einstein's Theory of General Relativity; his contribution to the field was such that academic papers still speak of Siklos universes, Siklos invariants and Siklos waves. In 1983 he edited, with G.W. Gibbons and Stephen Hawking, an important volume of papers entitled *The Very Early Universe*. Stephen married his first wife, Catherine Marshall, in 1974; they had two children, Tabitha and Jonathan.

In 1980 Stephen returned to Cambridge for an appointment as College Lecturer in Mathematics at Newnham College, where he stayed for nineteen years. As a man, he was ineligible to be a Fellow, but when he left Newnham he was pleased to receive the privileges of a Fellow emerita. At Newnham he met his second wife, Marian Holness, with whom he had two sons, Arthur and Edward. At the end of his life, Stephen recalled that all his children had been 'a huge source of pleasure and entertainment and companionship.' Stephen's time at Newnham coincided with the centenary of Philippa Fawcett's success in Part I of the Mathematical Tripos, where she was placed 'above the Senior Wrangler'. To mark this event, Stephen wrote the delightful *Philippa Fawcett and the Mathematical Tripos* (1990). This book sets her achievement in context, giving the history of the Tripos exams alongside fascinating details such as the exact length of Philippa's nose.

From 1991 Stephen combined the Newnham post with a part-time university lectureship in the Department of Applied Mathematics and Theoretical Physics (DAMTP), taking on

many administrative and other roles. His excellent teaching was recognised by the award of a Pilkington Prize in 1999. Stephen played a central role in setting up the Sixth Term Examination Paper (STEP) in mathematics, which aimed to test entrance candidates fairly, whatever their school background. He was its first Senior Examiner in 1987, continuing as such for the next 32 years. He took responsibility for the setting and checking of papers and oversaw cohorts of examiners. The process involved huge amounts of work; sometimes he would chair meetings lasting two days. One STEP colleague remembers his 'benign authority which demanded the best of us, yet did so with consideration and humanity'.

Stephen's work with STEP fed into his work with schools and as Admissions Officer of the Faculty of Mathematics. He was tireless in organising open days, conferences for students and for teachers and in visiting schools across the country. He wrote a book of sample questions and answers for STEP candidates, *Advanced Problems in Mathematics*, available as a free download, which has been consulted a hundred thousand times to date. As noted by another STEP examiner 'it is striking how Stephen's wit and kindness could shine through even when discussing mathematics'. Stephen reveals in a brief footnote to his commentary on Question 22 that his Erdős Number is 5 (thus enabling him to be classed a true mathematician, not just a theoretical physicist) 'via Einstein', adding the comment 'sorry to bore you with all this personal stuff'.

During Stephen's time at Newnham the number of undergraduates reading maths declined and, not being a Fellow, he was unable to progress to more senior College roles. This was soon to change. 'One Friday evening I mentioned idly to Jim Roseblade, a mathematical Fellow of Jesus College, that I thought I had done as much as I could at Newnham. At the end of my 9.00 Saturday lecture the next day, I found David Crighton, Master of Jesus College and Head of DAMTP, waiting outside to offer me a position jointly with Jesus and DAMTP.' Stephen accordingly was admitted as a Fellow of Jesus and Director of Studies in Mathematics in 1999, succeeding Ian DuQuesnay as Senior Tutor three years later. As a Director of Studies, Stephen was prized by his students and supervisors; as a Senior Tutor, he was superb. He cared deeply about the welfare of students and was a great support to them in times of trouble or difficulty; he was genuinely delighted by their success. His penetrating intelligence and clarity of expression were coupled with modesty, patience and forbearance, qualities that enabled him to persuade Fellows and Directors of Studies to change their minds, often so effectively that they did not even realise they had done so. A very good listener, Stephen was flexible in his approach to problems, always ready to take new ideas on board. He was an excellent administrator, achieving maximum effect with minimum fuss. His ever-present sense of humour and the sparkle in his eyes when he smiled won him the devotion of both Fellows and staff.

As Senior Tutor Stephen introduced events to mark the beginning and end of the undergraduate's life in College. On the Saturday before the beginning of their first term, Freshers now sign the Matriculation Book and read out an undertaking to obey the University and College officers and respect the Statutes and Ordinances of the College. On Graduation day, graduands are now addressed by the Senior Tutor before the procession to the Senate House. Both of these ceremonies are Stephen's invention and for both he crafted memorable speeches with meticulous care, at once witty and profound.

In 2017 and again the following year Stephen was elected President, the highest College office below that of Master, described memorably by Alan Sharpe as 'Tutor to the Fellows'. Stephen fulfilled this role admirably. His insight and wisdom were crucial in guiding the College through to the end of the West Court project. At the end of Stephen's first year, Professor White announced that he had accepted the position of Vice Chancellor of the University of Bath and would resign the Mastership at the end of the Lent term. The delicate task of initiating the search for a new Master consequently fell to Stephen.

His health, normally robust, started giving cause for concern after Christmas and forced him to resign just before the Easter Term; soon afterwards he was elected Emeritus Fellow.

While still at Collyer's Stephen took up three extracurricular activities which would sustain him throughout his life: music, bridge and tennis. Characteristically diffident about his own prowess, he continued to receive coaching in tennis and viola lessons throughout his time as Senior Tutor. One of his pieces of advice to STEP candidates uses an example from tennis and gives some insight into Stephen's approach to much more than mathematics: 'When I play tennis and I see a ball that I think I can hit, I rush up to it and smack it into the net. This is a tendency I try to overcome when I am doing mathematics.' Stephen got pleasure from doing things well and doing them right; his modesty was such that he was probably unaware of how many winners he hit off-court (and how few errors he made). His death deprives Marian of a devoted husband, his children and grandchildren of an adoring father and grandfather, his friends, colleagues and former pupils of a wise and kindly guide and Jesus College of one of its most loyal and dedicated members. He will be greatly missed.

James Clackson & Jim Roseblade

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Emeritus Fellow

David Fieldhouse was born on 7 June 1925 and died on 28 October 2018.

David Fieldhouse, a distinguished historian of the British Empire and Commonwealth, held the Vere Harmsworth Chair of Imperial and Naval History in the University of Cambridge from 1981 to 1992. Among his many studies on colonial and imperial history, he was best known for his book *Economics and Empire 1830-1914* (1973), which argued that political and strategic interests, rather than economic impetus, drove imperial expansion. He also wrote company histories of Unilever, and the United Africa Company.



He became a distinguished critic of John A. Hobson and Lenin, who had claimed that the source of imperialism was faceless financiers and "last stage capitalism". David argued that the obvious driving force of British expansion since 1870 was missionaries, engineers, politicians, and explorers.

David was born in Uttar Pradesh, India, and spent the first five years of his life there. His parents were Anglican missionaries. In 1929 the family returned to England, where he attended St Michael's Missionary School in Limpsfield, Surrey, and Dean Close School, Cheltenham. In 1943 he was accepted to read history at Queens college, Oxford. He did the two-term "prelims" exam, but being eighteen, and it being 1943 he was drafted into the Fleet Air Arm division of the Royal Navy, receiving a commission in 1944. He was trained to fly in the United States and Canada, and once described his first solo flight as "one of the great moments of my life". He became proficient at stalls, spins, flying in tight formations of six, and making difficult landings. The war had ended before he could actually fly from an aircraft carrier at sea. Demobbed in 1947 he returned to Oxford and Queens where he was tutored by John Prestwich and Edmund Dell. He also attended seminars by the Marxist historian Christopher Hill and the philosopher Isaiah Berlin. During one vacation he talked over the fence to a girl next door, Sheila Lyon, who happened to be "up an apple tree". She was to become his wife.

He took a first in the Oxford “Schools”, but, despite the opportunity, to do academic research he took a post as assistant master at Haileybury School (he had earlier accepted the job and was unwilling to let the school down). He would spend the next two and a half years there before accepting a research and teaching appointment at Canterbury University College, New Zealand. He married Sheila in April, 1952; the following year they embarked for New Zealand, a voyage that took two months. Working at Canterbury stimulated David’s interest in colonial history; in 1958 he returned to Oxford on being elected to the Beit Lectureship, a post connected with British imperial studies, and in parallel, in order to secure a fellowship, was appointed domestic bursar at Nuffield College. His responsibilities as bursar, which he performed while teaching and doing wide ranging research, included buildings, catering, accounts, non academic staff, college accommodation, and the administration of Nuffield Place, the mansion inherited by the college on the death of Lord Nuffield.

In 1969, the Fieldhouses purchased the 26-acre Lower Farm, a seventeenth century stone house and grazing fields on the slopes of the Cotswolds. It was to become their home until retirement. Sheila experimented with breeding cattle – Hereford-Friesian-crosses and pedigree South Devons. Later she moved on to breeding “driving ponies”. A documentary film was made by an independent producer of the Fieldhouses negotiating to buy a suitable mare from a totter (rag and bone merchant) who operated from under a the M40 flyover in Acton. It featured them test driving the nag several times around the busy Shepherd’s Bush intersection at rush-hour.

He was elected to a Professorial Fellowship at Jesus in October 1981 which he held until his election as Emeritus Fellow in October 1992. He was active on a variety of College committees, including Bursarial, Fellowship Policy, and Research Fellowships. David was an affable, frequent presence in the College, particularly supportive of new members, as was his wife Sheila. They were generous hosts at their college house in New Square.

On his retirement from Cambridge in 1992, former students and colleagues published a festschrift titled *Managing the Business of Empire: Essays in Honour of David Fieldhouse*, edited by Peter Boroughs and A.J. Stockwell. The Preface recorded: “The contributors offer the collection to him with gratitude and warm admiration and as a tribute to his substantial and distinguished contribution to the development of imperial economic history over many decades. The very diversity of the subject matter, and time and place of these articles testifies to the global range of his interests and the formidable expertise he has brought to bear on the history of modern European empires.”

David and Sheila learned, in their seventies, to sail a catamaran which they took intrepidly onto the high seas from the harbour close to their home in retirement at Falmouth.

David and Sheila had a son and two daughters.

At David’s memorial service, his friend and colleague John Lonsdale delivered the following eulogy:

As an historian who enquires into a small slice of modern African history I knew nothing of David Fieldhouse when he arrived from Oxford in 1981 to take up the chair of Imperial and Naval History – except that he was an imperial historian, interested in other parts of the world, other relationships and problems, than those which most interested me. I wondered how much we would have to say to each other. True, we both looked at connexions between the West and the Rest, to use the politically incorrect idiom of the time – but from different ends of the telescope. In this anticipation of a collegially courteous coolness I’m glad to say I was entirely wrong. Looking back, I think there were four good reasons why:

First, David and Sheila – perhaps that should be Sheila and David – were wonderfully hospitable. My wife Moya and I enjoyed many a supper foursome with them in their Jesus

lodging in New Square, in which convivial equality reigned. So thank you, Sheila.

Second, David always genuinely encouraged his colleagues. So far as my own field is concerned, his most important contribution was to persuade my very distinguished colleague, John Iliffe, of St John's College, to write a history of Africa, from the birth of humankind to the present day, with so outstanding a result that the book is now in its third edition. If you look into it – it's called *Africans: The history of a continent* – you will notice the first line of his preface: 'David Fieldhouse suggested this book'. Five words. John has never used an unnecessary one.

Nor did David. Which brings me to the third reason why my expectations of the new Vere Harmsworth professor were so wrong. He had this great personal and intellectual attraction – namely, a directness of thought and a brief, almost gruff, clarity of expression, not least when writing about economic theory, a topic in which lesser minds take refuge in windy obscurity. This was probably the main reason why David's seminars, held here in Jesus, I believe in the Cranmer Room, were so popular. His chairman's questions invariably went straight to the point, succinctly but kindly expressed, genuinely helpful in getting research students to get their own minds in order.

I have looked through his books, of which I own five, to find an example of this economy of expression. I have chosen a typical paragraph from an early work, his *The Theory of Capitalist Imperialism*, published in 1967 when David was still a lecturer at Nuffield College, Oxford: This slim volume presented largely Marxist sources that claimed to explain why different crises within late nineteenth-century European capitalism ineluctably drove western powers into their final scramble for imperial territory, mainly in Africa. David then presented his conclusions: would that all historians could share the wonderful confidence with which he came to judgment! [with my emphases added].

I quote: 'The *obvious* conclusion, is that the Theory of Capitalist Imperialism is of *little* value to the historian whose aim is simply to *explain why* the colonial empires expanded so widely and so fast in the period after about 1870. To support this statement let us recapitulate the Theory [with I think a mocking capital 'T'] in its various forms – and then survey its *defects* from the historian's point of view.'

Which he then proceeded to do in four brief pages, ending with thoughts dear to the heart of most historians, certainly of most Cambridge historians: 'No *single* theory or explanation of imperialism' was satisfactory. The past was bound to be 'untidy' and the causes of change 'contradictory'. Any 'comprehensive' explanation would 'almost certainly be misleading'. But why did David insert that hesitant 'almost'?

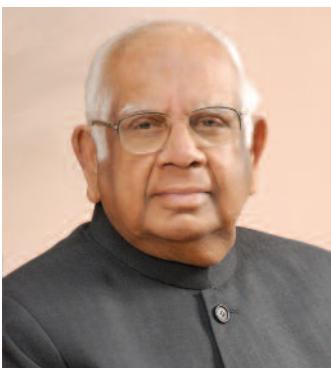
Which brings to my fourth point and my own conclusion: which is my admiration for David's open-minded and always enquiring ability to move into new territory. His career spanned a seismic change in the writing of imperial history, from a relatively straightforward, top-down, Eurocentric, interest in its causes, in its generally progressive ideas and effects, in its fulfilment in the birth of a Commonwealth of Nations – to today's bottom-up view of empire's injuries that inspires the demand for the 'decolonization of the curriculum'. The Marxist critics of empire, with whom he disagreed so brusquely, were of course themselves Eurocentric. David had made his name as a master of imperial history, as seen from its European driving seat.

But then, within four years of his arrival here he had produced an important and, with its abrupt, no nonsense, clarity, highly controversial economic history of Africa in the forty years after the Second World War. He publicly thanked John Iliffe and me, amongst others, for assistance and kindly gave me a copy. One could look for no better proof of a generous heart and mind than this adventurous exploration of an entirely new field of history.

Thank you, David.

John Cornwell

Honorary Fellows



Somnath Chatterjee (1950) was born on 25 July 1929 and died on 13 August 2018.

Somnath was elected as an Honorary Fellow of Jesus College in 2007. He visited the college the following year, along with his wife and grandson and it fell to Dr Montu Saxena and me to show him around. As we walked through Chapel Court to visit his rooms in the staircase of 6 Chapel Court, we exchanged stories about our respective times at Jesus. I commented that my first room as a Fellow had been in the neighbouring staircase: I had shared a ground floor set in 6 Chapel Court. He smiled and said that was a long time after his time as an undergraduate when there were no women students in college. His wife appeared amused and commented that those must indeed have been very different times. As we walked back down the staircase of 6 Chapel Court, he recalled that during his years in the college the students had to go down into the basement for a bath and that it was rather cold walking down and back in a dressing gown.

It was turning into a rather nippy afternoon as we walked back through Chapel Court towards the Chapel, and we decided to get a cup of tea in the Fellow's Combination Room. As we made our way through the court, Somnath recalled that he dined regularly in College and found the English menu of meat and two veg menu quite agreeable. He hastened to add that he never ate beef, and when I enquired why that was the case he responded that though he was a Communist he still followed Hindu food customs! This was the full measure of the man, a man of many parts and who rose to one of the highest offices in India: appointed the speaker of the Lok Sabha (the Indian House of Commons) in 2004.

Somnath Chatterjee was born in Tejpur, Assam to Nirmal Chandra and Binapani Chatterjee. He read for a Bachelor's degree in Economics at Presidency College, Calcutta and then went on to obtain a Master's degree in economics at Calcutta University. He arrived at Jesus College in 1950 to continue his studies in Economics, but changed to Law after an exchange with his tutor who encouraged him to follow his keen interest in that subject. He graduated in 1952 and was called to the Bar at the Middle Temple, returning to India in 1953 where he had an active legal practice at the Calcutta High Court. Chatterjee represented trade union interests and pursued cases to advance labour interests till the end of the 1960s, when he entered the field of politics.

Chatterjee's interest in politics was, at least in part influenced by his father's longstanding engagement in political causes. Nirmal Chatterjee had represented many Indian national freedom fighters and spoke both professionally and publicly about the need to protect civil rights and against human rights violations during the national freedom struggle. Nirmal Chatterjee went on to become an active political figure in Independent India, becoming the President of the Indian Hindu Mahasabha in 1947. He went on to contest in the national elections of 1952 and 1957 as a candidate of the Hindu Mahasabha, while in later elections he shifted his political allegiance: standing as an independent candidate (1962) and in later years with support from the Communist Party of India in 1963, and then the Communist Party of India (Marxist) in 1967.

Somnath Chatterjee's increasing association with Left politics in the state of West Bengal culminated in his embarking on a parliamentary career, when he stood as an independent candidate from his father's constituency, supported by the Communist Party of India

(Marxist) in 1971. He was a respected figure in Parliament, re-elected to Parliament ten times during the course of his political career, and conferred the title of the most Outstanding Parliamentarian by the Indian Parliamentary Group in 1996. He was renowned for his fearless speeches against any attempts to subvert democratic practices in the Lok Sabha and an articulate and powerful voice against human right abuses.

During his time as Speaker of the Lok Sabha he became famous for his openness to parliamentarians from all political parties. He was popular with all members of parliament and was known for his cordiality in the manner in which he directed proceedings in the Lok Sabha. Somanth Chatterjee was a man who upheld the principles of Parliament, against all odds. In 2008, when the Communist Party of India (Marxist) withdrew its support for the UPA government, and asked Chatterjee to resign as he was a member of the party.

Chatterjee refused to resign stating that the constitutional role of the Speaker was superior to partisan politics and that he would continue in his role as Speaker of the house. The response of the party was to expel him from the Communist Party of India (Marxist). Chatterjee was very hurt by this action but he continued to undertake his duties to hold up the ideals of the Indian Constitution till his retirement from politics in 2009.

Somanth Chatterjee exemplified the best of India's democratic tradition and will be long remembered for his assiduous steadfastness in upholding the value of plurality and tolerance in his professional life and the friendship and openness in his personal interactions.

Shailaja Fennell

* * *

Peter Hurford OBE (1949) died on 3 March 2019 aged 88.

Peter Hurford was born on St Cecilia's Day in 1930 in Minehead, Somerset, and he never lost the characteristic Somerset accent. His father Hubert was a solicitor and his mother Gladys a school teacher before marriage. His sister, Maureen, born nearly three years later, also became a solicitor.

Peter's mother played the piano and, entranced by her playing, he started lessons at the age of three.

He soon showed exceptional talent. He started playing the organ at St Michael's Minehead and nearby

Luccombe and continued at Blundell's School, gaining a scholarship to the Royal College of Music aged 17 and then the Organ Scholarship to Jesus College, Cambridge aged 18.

He studied organ with Harold Darke and then in Paris with André Marchal.

He stayed at Cambridge for four years, reading music and law. His father had hoped he would take over the family law business. He met his future wife, Patricia Matthews, while singing in the Cambridge Singers.

After Cambridge Peter served in the Royal Signals at Hounslow for his National Service. In 1956 he was appointed organist at Holy Trinity, Leamington Spa, and then Master of the Music at St Albans Cathedral in 1958. Within six months he had persuaded the Dean's Council that a rebuild of the Harrison and Harrison organ was essential. He helped raise the funding through recital tours of the USA and Canada in churches dedicated to Alban, giving slide shows and talks about St Albans as well as playing the organs.

The new St Albans Cathedral organ was designed by Peter and his good friend Ralph Downes. Two months before the dedication of the organ in 1962, Peter and Pat went to Geneva where Peter had previously played in an organ competition. Here they talked about



how best to celebrate the new organ and drafted a plan for possible organ competitions in St Albans on the back of their coffee till receipt. So was the International Organ Festival (IOF) conceived.

The 1960s and '70s were an exceptionally busy time as Peter combined his day job at the Cathedral with a burgeoning international recital career and nurturing the rapidly growing IOF. He was also active as a composer of organ and choral music.

In 1967 Peter took up a visiting academic position at the University of Cincinnati USA and the family moved there for 9 months. After stepping down from St Albans Cathedral in 1978, Peter enjoyed a highly successful career as a recital organist and recording artist. He recorded the complete organ works of Bach for the BBC and for Decca and performed them at 15 concerts for the 1997 Edinburgh Festival. The 1980s and 90s were a golden time for Pat and Peter as they travelled the world for Peter's recitals, often with Pat at Peter's side to turn pages or pull organ stops. It was particularly touching to see that one of his recordings was used for the sound track of the film *The Favourite* that was released at the beginning of this year.

He had a long and distinguished career in music that was based around church music and the pipe organ as a solo performer and recording artist (especially the music of J. S. Bach), and as a teacher and writer. Perhaps his most significant achievement was that he recorded all of Bach's organ music, first for Decca (still available), and then again in a series of 34 commentated programmes for the BBC. His unique contribution to the world of church and organ music was recognised in many ways with honorary doctorates, fellowships and the award of an OBE.

Peter was diagnosed with Alzheimer's in 2008; he moved to a nursing home in 2012 where he continued to defy regular medical predictions about his impending end for over six years until he died peacefully in his sleep on 3 March.

He and Patricia married in 1955. They had three children – Heather, Michael and Richard.

Heather Hurford

* * *

Fellows



Simon Phillips Norton (1971) was born 28 February 1952 and died on 14 February 2019 aged 66. Simon Norton was a Research Fellow at Jesus between 1975 and 1979; he took his PhD in 1977. Said to be one of the outstanding mathematical prodigies of the 20th century, he was twice winner of the International Mathematical Olympiads – receiving a special additional prize for elegance.

Simon Norton was born in London, the youngest of three brothers, of a Sephardi family originally from Iraq. His father, Richard Norton owned S.J. Phillips a successful family jewellery business. His mother Elaine (née Manasseh) noted that when Simon was one and a half he was already arranging toy bricks in extraordinary patterns. By age three he scored 178 in an IQ test and could spell "fire extinguisher". He won a King's scholarship to Eton, and while still a pupil there gained a first in maths at London University, studying part time at Royal Holloway and Imperial.

When asked, aged sixteen, whether he was the most brilliant mathematician in the world, he said: "I should hope so". One of his maths reports on mathematics was marked "!!".

His special interests were topology, algebraic geometry, complex numbers, infinite series, set theory, group theory. He gained another first while at Trinity College, Cambridge before coming on to Jesus. For some years he worked on finite simple groups. He constructed the Harada-Norton group, and in 1979, together with the charismatic mathematician Professor John Conway, proved there is a connection between the Monster group and the j-function in number theory. In the area of modern algebra known as group theory the Monster group, also known as the Fischer-Greiss Monster, or Friendly Giant, is the largest sporadic simple group. They called this “Monstrous Moonshine”. He once said: “I can explain what Monstrous Moonshine is in one sentence. It is the voice of God.” He was a joint author with Conway of the ATLAS of finite groups.

His hobby, a serious life-time’s undertaking, was bus time-tables. He held in “memorisation”, as he called his memory, many thousands of bus routes, departure and arrival times. He told his biographer that he remembered the number of the London Transport bus on which he travelled in 1967 to Royal Holloway: 441, adding: ‘A perfect square: $441=21\times 21$ ’. He could be seen hurrying along the streets of Cambridge with an old hold-all stuffed with bus and train time-tables. He constantly campaigned for public transport and the abolition of automobiles. He donated an annual prize of £10,000 for public transport activism. He was delighted when one of the winners superglued himself to Prime Minister Gordon Brown’s sleeve as a protest against government transport policy.

He loved games, especially backgammon. He invented the game Snort (played on an 8 x 8 grid of squares; two players, black and white, take turns dropping pieces onto empty squares that are not orthogonally adjacent to another player’s piece until no more moves are available; the last player to make a move wins the game). He devised a competition involving the composition of anagrams against time. A memorable winning choice of his for “phoneboxes” was his instant shout: “xenophobes”.

In 1984 Simon suffered an apparent collapse in his life as a mathematician when he decided that he was no longer a genius. He had made significant mistakes while engaged in a set of calculations. John Conway went on to develop his brilliant career in the United States: Simon described the end of their collaboration as a “bereavement”. Not given to self revelation it was a rare emotional admission paralleled by his sorrow over the “disastrous” Transport Act of 1985.

In 1985 his university post was discontinued and he became visibly more dishevelled, sometimes taken as a rough sleeper. He took up residence in the basement of a house he owned in Cambridge, living an increasingly eccentric existence, a classic “hoarder” among heaps of plastic supermarket bags, while indulging an unvarying diet of tinned mackerel, Bombay mix, and Brinjal pickle. One of his tenants in the rooms above was Alexander Masters who wrote a biography of Simon published in 2011 entitled *There’s a Genius in My Basement*.

Simon was not entirely happy with the book. He commented to Masters in an email: “You said I could use the book as a soapbox for the issues on which I care deeply ... The two things that I would recommend to anyone who is lonely: politics and public transport.” But then, he reproached the author: “You confine all mention of my campaigning activities to the barest minimum, in spite of my repeated statements that they are essential”.

Among Simon’s comments on the state of British transport was this: “Fun is what this Cameron government wants to destroy with our public-transport services, cutting enjoyable and vital links for the people of Britain, leading to increased pollution, motor traffic and global warming”.

The action group Smarter Cambridge Transport published a note honouring him on his death: Simon was a “passionate and extraordinarily knowledgeable campaigner for better

public transport . . . devoting much of his life to transport campaigning, deeply involved in the Campaign for Better Transport . . . a large part of Simon's legacy is the Foundation for Integrated Transport, which he founded with a donation of around three million pounds".

John Cornwell

* * *



Norman Stone was born on 8 March 1941 and died on 19 June 2019.

He was an eminent and controversial historian, who became something of a media personality, providing informed commentary and trenchant opinions on current affairs, particularly concerning Germany, Russia, and Eastern Europe.

He was born in Kelvinside, Glasgow. His mother was a schoolteacher; his father, a fighter pilot, was killed in a training exercise less than a year after he was born. A war widow, his mother was far from well off, but money collected by members of his father's

squadron allowed him to attend the fee-paying Glasgow Academy where he quickly showed the ability at learning languages that would serve him in such good stead throughout his academic career. He came up in 1959 to read Modern Languages at Gonville and Caius but soon changed to History; with characteristic humour he later claimed 'some excuse' for this: 'they expected me to read Gide, to whom hard cheese, old chap, was the only possible response'. He graduated BA in 1962 and began doctoral research, spending much time in archives in Vienna and Budapest. While in Hungary, he was arrested with two companions when caught at the Czech-Austrian border attempting to smuggle out to the West a Hungarian dissident hidden in the back of their car. He spent three months in a Czechoslovak gaol, sharing a cell with a Transylvanian gypsy 'who did wonders for my Hungarian'.

He was elected to a Research Fellowship at Caius in 1965 and appointed to a University Lectureship in Russian History in 1967. He came to Jesus in 1971 as Fellow and Director of Studies in History, serving the College as a Tutor from 1971-1975. In 1979 he migrated to a Fellowship at Trinity.

Though some who knew Norman when he was at Jesus will have mixed or conflicting memories, his time here was a happy and productive one, for him as for the College. He enjoyed conversation and argument and was possessed of a distinct sense of humour, often issuing in remarks made with characteristic aplomb and with his face suggesting mirthful incredulity. To be next to or near Norman at dinner was in itself an education as he outlined his thinking on this or that aspect of European politics before running off into prolonged discussion of Proust and the merits or demerits of the different translations in various languages of *A la recherche du temps perdu*.

He was here before the College admitted women, though it was slowly readying itself to do so. In Norman's words, this was still a time when 'sexual differences were enforced with ridiculous pinpricks'. His favourite, oft-cited example, of such enforcement was the refusal he met with when trying to book the College's best guest room for a distinguished French historian visiting Cambridge with his wife. Permission was refused on the grounds that the room was also used as a venue for Boat Club breakfasts, this rendering it unsuitable for women. The account subsequently given by Norman of the justification for the refusal involved, apparently, the state of the carpet, dangerous deposits of crumbs, and the alleged sensitivity of women's feet.

It was while at Jesus that he published his important first book, *The Eastern Front 1914-1917*, for which he won the 1976 Wolfson History Prize. The book's aim was to fill a gap in the military history of the First World War, which previously had concentrated largely on the Western Front. Drawing on considerable archival research, it challenged the accepted explanations of the reasons for the Russian defeat, arguing that severe failings in the administrative structure of the army and poor military and political leadership, rather than economic weaknesses, were its main causes. Other books followed: *Hitler* (1980), a short account of Hitler's life, and *Europe Transformed 1878-1919* (1983), a substantial account of the period leading up to the First World War.

In 1984, Norman was appointed to the Professorship of Modern History at Oxford and took up the Fellowship at Worcester College to which the Professorship was attached. Worcester provided him with a kindred spirit in the person of the historian Richard Cobb, the previous holder of the Chair. Like Stone, Cobb had strong opinions and somewhat heterodox views as regards conventions of academic teaching. If Cobb was a redeeming feature, Oxford as a whole proved not to Norman's liking, a dislike he expressed publicly on many occasions. When in 1997, his Oxford years drawing to an end, he was interviewed by Dr Anthony Clare for the BBC's *In the Psychiatrist's Chair*, the programme was presented as 'the author [talking] about his loathing for Oxford University and his admiration for Margaret Thatcher'.

The years at Oxford were those of Norman's emergence as a 'media don', and indeed those too of the admiration for Thatcher. From the late 1970s to the 1990s, he made regular appearances on television and wrote for numerous magazines and newspapers – *The Financial Times* and the *Frankfurter Allgemeine Zeitung*, among others. For several years he contributed a weekly column to the *Sunday Times*. When the 'Hitler Diaries' were bought for publication by Rupert Murdoch in 1983, Norman's professional expertise was sought and he was one of the first to declare them a hoax.

It was his specialist knowledge of the history and contemporary reality of Germany and the Eastern Bloc that brought him close to Margaret Thatcher. In the latter years of her Premiership Norman was taken on by her as an advisor and speech-writer. Concerned about the collapse of the USSR and the reunification of Germany, to which she was hostile, a small group of academics was summoned to a meeting at Chequers to advise her as to the implications of this. Norman was one of their number.

In 1997 he resigned his Oxford Chair and moved to a position as Professor of International Relations and History in Bilkent University in Ankara; a move that *The Times* reported under the headline: 'Norman Stone quits Britain for the Harvard of the Middle East'. Unlike Oxford, he found Turkey very much to his liking ('I have a smile on my face whenever I arrive in Istanbul Airport'), had a house in Istanbul's Galata neighbourhood, and, of course, learned Turkish. In 1998 he established a Centre for Russian Studies in the University and became a presence in Turkish intellectual life through his writings and his many talks on the country's culture and politics (a number of these are available on YouTube). *Turkey: A Short History* (2010) paid homage to his adopted country. Other publications of this period include books on the two World Wars: *World War One: A Short History* (2007) and *World War Two: a Short History* (2013). His major work, however, was *The Atlantic and Its Enemies: A Personal History of the Cold War* (2010), giving a detailed and extremely readable account of events between the end of WWII and the aftermath of the fall of the Berlin Wall; a personal history both in that it offers a very different account of the Cold War period to that proposed by liberal left historians and in that it is laced with anecdotes and contrarian judgements on the actors and events of those years.

Following the increasingly anti-democratic policies adopted by Prime Minister subsequently President Erdogan, Norman moved to a flat in the centre of Budapest,

returning to the country where he had lived many years before while doing his postgraduate research. He died in Budapest and his funeral was held there in the Lutheran Church (Norman was a regular churchgoer). The Turkish Ambassador to Hungary attended, as did the Hungarian President, Viktor Orbán, taught by Norman at Oxford. Fittingly, Norman's last book was devoted to an expression of his knowledge and understanding of the country: *Hungary: a Short History* (2019).

Norman greatly admired A.J.P. Taylor as a story-telling historian who offered well-written accounts that brought clarity to complex historical matters. Norman's declared style of history too was one of stories rather than theories, though stories born of substantial research and analysis. He regretted what he saw as the fashionable orthodoxies that were overtaking the teaching of history in schools. His books told history in narratives full of anecdotes and seemingly digressive remarks which nevertheless almost invariably illuminated the topic under discussion. He made history meaningful, an academic subject but alive in the *present*.

Many students indeed remember Norman as an inspirational teacher – he 'made my Bilkent years more colourful and meaningful', one wrote recently. Methods might be unorthodox, teaching might take place as well in pubs or restaurants as in lecture halls or formal tutorials and run into the night, but for many, not for all, being taught by Norman was a valued experience. A number of Norman's students themselves went on to become prominent historians – Niall Ferguson, Andrew Roberts, Orlando Figes, among them.

In 1966 he married Marie Nicole Aubry whom he met while in Vienna for his research. She was the niece of "Papa Doc" Duvalier's Finance Minister and Norman spent two years living with her in Port-au-Prince before they returned to take up residence in a College house. They had two sons, Nicholas ("Nick") and Rupert, the first of whom matriculated at Jesus in 1987 to read History and later became a successful novelist. They were divorced in 1977 and in 1982 Norman married Christine Booker with whom he had a son, Rupert. They remained married until her death on 15 November 2016. Christine was the co-founder with Norman of the conservative and highly controversial non-governmental British Helsinki Human Rights Group.

The obituary in the Scottish *Herald* described him as 'a hard-living Glaswegian historian'. Hard-living undoubtedly: who but Norman would be discovered in Moscow by an American historian, just after the demise of the Soviet Union, prostrate on a sofa in the flat of a former KGB officer surrounded by bottles of vodka. His consumption of alcohol and tobacco was prodigious, with poker and bridge as accompanying passions. Political correctness was never on the agenda and Norman's views on politics and contemporary social mores flew in the face of what he castigated as the left-wing liberal consensus. For many of us there was much in this which could only be unacceptable but it is not the place in this College obituary to do other than acknowledge that, while at the same time remembering that Norman also gave and achieved much in his life – as historian, teacher, person.

In a tribute, Orlando Figes could speak fittingly of him as 'a truly talented historian, inspiring teacher, the most kind and loyal of friends'.

Stephen Heath



Members of the Society of St Radegund

GRANTER, Geoffrey Ernest Thurston (1957) died on 10 March 2019 aged 82.

Geoffrey Granter was born on 28 March 1936 in Croydon. Educated at the City of London School, he came up in 1957 following National Service as an officer with the RAF. He read History, graduating BA 1960; MA 1964. Shortly after leaving Jesus he pursued a career in business, and subsequently he set up Harp Heating, which specialised in installing central heating in local authority homes. The firm, after changing its name to United House, moved into house building and development for both the public and private sectors.



He was a member of the Society of St Radegund and took a keen interest in the affairs of the college, always willing to provide wise counsel. He was a committed supporter of education, serving on the Bryanston Board of Governors for many years and funding a scholarship programme at the City of London School. In the early 1970s, he bought a ramshackle medieval house, Doghurst, in the Surrey countryside. After a few false starts it was finally renovated between 2009 and 2011, and he lived there happily until the end of his life, which was sadly shortened by Alzheimer's.

He had a daughter, Odile, and a son, Dominic, from his first marriage. He married Clara Hadfield in 2010.

* * *

MARSHALL, Michael John (1952) died on 27 July 2019 aged 87.

Michael Marshall, the son of Sir Arthur Marshall (1922) and older brother of David Marshall (1955), was born on 27 January 1932. Educated at Eton College he came up to read History in 1952 after completing his national service as a pilot in the Royal Air Force. An outstanding oarsman, he was stroke of the Jesus first eight when it was head of the river in the 1953 Lent Bumps and 1955 May Bumps, as well as in many other competitions.



He rowed in the 100th Boat Race in 1954 and went on to represent Great Britain in the European Championships in 1955.

Upon graduating he joined the family business and was appointed Deputy Chairman and Managing Director of Marshall (Cambridge) Limited in 1964. He led the company as Group Chairman and Chief Executive from 1989 to 2011, stepping down as Chief Executive but remaining Chairman until 2016. Appointed CBE in the 1999 Queen's Birthday Honours and a knight in the 2010 New Year's Honours, his tireless philanthropic and voluntary work was widespread. His outstanding generosity towards the College was recognised in 2007 when he was admitted to the Society of St Radegund. Sir Michael was a frequent and always welcome visitor to Jesus. His last visit, just a few weeks before his death, was to look at plans to redevelop the former Marshall garage building in the College grounds as part of a major kitchen development project.

He married Bridget Wykham Pollock in 1960; they had two sons and two daughters. He married Sibyl Mary Walkinshaw in 1979 and gained two stepsons.



ROBINSON, Eric Henry (1942) died on his 95th birthday.

Eric Robinson was born on 8 March 1924 in Calne, Somerset. Educated at King Edward VI School, Aston, he came up in 1942 to read History and English.

His studies were interrupted by the war; he saw service in the Navy and was awarded the Atlantic Star.

Following demobilisation he returned to Cambridge in 1946. He graduated BA 1945; MA 1949; and LittD 1990. He pursued an academic life which saw him eventually taking up the role as Professor of Modern History at the University of Massachusetts Boston. His main academic

interest was in the life and work of John Clare. He received the Leonardo da Vinci award for his research on the James Watt archive and the Industrial Revolution. He maintained a lifelong love of the college and was admitted to the Society of St Radegund in 1996.

He married Rosemary Melville in 1949; they had two daughters. He married Joan Cahalin in 1973. He married Victoria Donahue in 1990.

* * *

Old Members

ALLEN, Peter John Douglas (1957) died on Christmas day 2018 aged 83.

Peter Allen was born on 13 January 1935 in Carlisle. Educated at The King's School, Canterbury, he came up in 1957 after a short-service commission in his father's old regiment, The Black Watch. He read English and Theology. Whilst at Jesus he was captain of boats and under him the college won the Fairbairn Cup and held the headship of the Lents. He graduated BA 1961; MA 1964. After graduating he crossed Jesus Lane to Westcott House and went on to be ordained in 1962. His first parish was in Wyken where he joined the former college chaplain, Simon Burrowes. He returned to Jesus to take up Simon's old post and whilst here he undertook his PGCE. Later he became chaplain and housemaster at his old school.

By 1987, he was ready for a change and took up the post as Second Master at Sedbergh. In 1993, he moved to Edinburgh, to begin the next stage of his ministry, as vicar of St Ninian's Episcopal Church, Comely Bank, in Edinburgh's West End. He formed links with nearby institutions, joining the nuns of St Catherine's convent in their mission to the homeless of Edinburgh, opening a tab for them at the local Safeway store where they could order a coffee and a sandwich, and was available at all hours to provide succour, and laughter, for patients in need at the Western General Hospital. He was also, alongside his parish duties, appointed canon and precentor of St Mary's Cathedral and his fine tenor voice can still be heard singing the responses on recordings of its choir.

He became simultaneously Episcopal chaplain to Edinburgh Academy and to Fettes College. Over his years in Edinburgh he established an open house on Saturday mornings at the Canny Man's pub in Morningside and after cathedral services at Sunday lunchtime at his flat or the Teuchters Bar in William Street. At Fettes he was allowed to miss the year-end celebrations as they invariably coincided with the week of Henley Royal Regatta where he was an assiduous attender, he missed only three in nearly 60 years to officiate at weddings, a striking figure in his blazer with his pink Leander socks and panama hat, catching up with his old crews and many rowing friends. For many years he would take over parishes in Monaco and in Maine to allow their incumbents to go on holiday and his love of travel took him to China frequently and to many other parts of the world.

He had a sharply developed nose for those in trouble or need. He always had time, understanding and care for those that needed it and a prod for those who needed that too. His life's mission was to serve others to the very best of his ability, whether it was his adopted child in Ethiopia, who he educated and helped to set up in a career in tourism, or those who came into his orbit as son, brother, uncle, soldier, schoolmaster, school and college chaplain, parish priest, rowing coach or musician.

He died after spending a lovely day with his sister and her family and celebrating the birth of Christ. After his death the college received many tributes from those who had known the warmth of his friendship.

* * *

BENNETT, James Beckwith (1937) died on 26 September 2018 aged 100.

Jim Bennett was born on 13 April 1918 in Askern, in the West Riding of Yorkshire. Educated at Silcoates School, Wakefield, he came up in 1937 to read Law. He graduated BA 1940; MA 1944. After graduating he joined the Royal Artillery, attaining the rank of major and serving in North Africa, India, Ceylon, Burma and Italy. He went on to pursue a career as a solicitor and property developer.

He married June Rutherford; they had three sons.

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BISSELL, Christopher Charles (1969) died on 13 December 2017 aged 65.

Chris Bissell was born on 12 May 1952 in West Bromwich. Educated at West Bromwich Grammar School he came up in 1969 to read Natural Sciences. After switching to Anglo Saxon, Norse and Celtic he graduated BA 1974; MA 1978. He subsequently undertook a doctorate at the Open University. He went on to hold a number of posts with the Open University and rose to be Professor of Telematics. He was particularly interested in the history of control engineering in the Soviet Union. Outside of his work he was concerned about human rights and was a member of the Policy Council of Liberty.

He married Sheila Ann Hall in 1976; they had one son and three daughters and two grandchildren.

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BLACKMORE, Robert Graham (1947) died on the 2 March 2019 aged 93.

Robert Blackmore was born on 25 October 1925 in Portsmouth. Educated at Portsmouth Grammar School he was called up in the autumn of 1944 and joined the RAF in early 1945 where he trained as a navigator. Based in Winnipeg, Canada, he was about to be deployed to the Pacific islands when the war ended. He returned to England and, following a lengthy demob process, he came up in 1947. He graduated with a Classics degree in 1950. It was during his time at Cambridge that he met Joan Cave Howard, who was in her final year of teacher training. They married in August 1951 and his teaching career began the following month. He joined Salford Grammar in September 1956 as Head of Classics. There he pursued his interest in sport by running the school football and cricket teams and was instrumental in promoting staff cricket games. Another extracurricular activity was arranging school trips to Italy and Greece, visiting various historic sites with groups of pupils. In 1972, he was appointed Acting Headmaster (pending reorganisation). A few days into the September term, the end of selective education in Salford was announced.

All schools in the City were replaced by eight non-selective, co-educational, comprehensive schools. One, Buile Hill High School, would take over the original SGS building.

He became Headmaster of BHHS in 1973. He retired from that post in July 1982 but

continued his involvement with the school by becoming President of Salford Grammar School Old Boys Association.

He and Joan had a son and four daughters including Carolyn (1979), eight grandchildren and two great grandchildren.

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BROADBENT, Michael Theodore (1973) died on 21 February 2019 aged 64.

Mike Broadbent was born on 3 May 1954 in Oxford. Educated at Sedbergh School he came up in 1973 to read English. He graduated BA 1976; MA 1980. He started his career at Oxford University Press then Shell and was headhunted by HSBC based in Hong Kong in 1985. He moved back to London in 1998 to the post of Group Corporate Affairs Director. In 2004, he took early retirement when he was diagnosed with Parkinson's Disease. He pursued his passion for rugby as a spectator after graduation and during the last few years of his life, he managed to fulfil his other passion for military history by travelling with friends to various WWI and WWII battlefield sites in Europe. Through sheer grit, he typed his memoir *Getting On Falling Off* using one finger. At his funeral there was a significant Jesuan presence including amongst the pallbearers.

He met his wife Joyce Chiu through work in Hong Kong and they married in 1990.

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BROOKER, Mervyn Edward William (1972) died on 23 January 2019 aged 64.

Mervyn Brooker was born on 24 March 1954 in Burton-on-Trent. Educated at Lancaster and Burnley Grammar Schools. He came up in 1972 to read Geography. He graduated BA 1975; MA 1979. After graduating he stayed on to complete his PGCE and then pursued a career in education. He taught at Saffron Walden County High School, Essex, the Royal Grammar School, Worcester, was a Deputy Head at Highfield Comprehensive School in Wolverhampton, Deputy and later Head Teacher at King Edward VI Camp Hill School for Boys and finally Bolton School Boys Division. In retirement he was an Educational Advisor to the King Edward's Foundation in Birmingham as well as a Geography Teacher at Adams Grammar School, Newport, Shropshire, and Wolverhampton Grammar School, where he later became a Governor. A keen medium paced bowler, he gained his Cricket Blue in 1976 and played in the joint Universities side against the West Indies at Fenners. In 1976 he played a short spell for Somerset Seconds. He also played for the Minor Counties sides of Cambridgeshire and Staffordshire. In his later years he took up mountain trekking with some vigour and made several visits to the Himalayas (helping raise money for the Nepal emergency fund), as well as the Andes and Alps. He had also almost completed climbing all the Wainwrights in the Lake District and walking the length of all the canals in England.

He married Brigid O'Rorke in 1976; they had two daughters and three grandchildren.

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BROWN, Darryl Anthony (1950) died on 6 September 2018 aged 87.

Darryl Brown was born on 19 March 1931. Educated at Alderman Newton's Boys' Grammar School, Leicester. He came up in 1950 to read Natural Sciences. He graduated BA 1953; MA 1957. He pursued a career in education rising to be principal of Runshaw College, Leyland. He was a very active member of Gideons International.

He married Mary Tandy; they had one son.

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BUTCHER, David Harry Loftus (1959) died on 16 December 2018 aged 77.

David Butcher was born on St David's Day 1941 in Durban. Educated at Michaelhouse School, Natal, he came up in 1959. He read Natural Sciences, graduating BA 1962; MA 1974. He spent his career in business in South Africa including twenty-five years at Lennings Ltd where he was the managing director. In 1994 he retired from business to work for the Anglican Diocese of Johannesburg, part of this time he served as the Diocesan Secretary. He finally retired from all Diocesan activities in September 2018. Beyond the church, business and family he also had a great passion for education. He served on the governing body of three schools over a period of 30 years and was twice chairman of the governors. He and his wife – a Girton girl – regularly returned to Cambridge to meet up with old friends.

He married Jean Diana Walker in 1964; they had three sons.

* * *

CAMACHO, Vivian Evelyn (1937) died on 13 November 2018 aged 99.

Vivian Camacho was born on 8 March 1919 in Antigua. Educated at Downside School he came up in 1937 to read Law. His studies were interrupted by the war; he served as a flight lieutenant with Canadian Air Force and was awarded the distinguished flying cross. After returning to Cambridge he graduated BA 1945. He went on to work for BAA as an Aviation Executive; he also became Director of Scottish Airports Division in 1974.

He married Mary Walsh in 1943; they had a son and a daughter. He married Patricia Joy Schulz in 1952. He married Barbara Karen Samuels in 1972.

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CHATTERJEE, Pratap (1970) died on 21 March 2019 aged 67.

Pratap Chatterjee, the son of Somnath Chatterjee (1950) whose obituary is above, was born on 4 May 1951 in Kolkata, India. Educated at Mitra Institution and St Xavier's College, Kolkata, he came up in 1970 to read Law. He graduated BA in 1972 and was called to the bar at Middle Temple, London, in 1973. He joined the Calcutta bar where he was considered to be a 'complete lawyer' who practised at every branch of the law. He had a successful pan-India practice and appeared before the Supreme Court of India on a regular basis. Possessing an ability to leaven his encyclopedic legal knowledge with sharp wit, he was widely admired for his ability effortlessly to cut to the heart of even the most complicated legal matters. He was looked upon as an elder brother and guide by his younger colleagues – many of whom he regaled with stories of his days at Jesus, usually while wearing a certain red and black scarf.

He married Shakuntala Rao in 1975; they had two sons – Shashwata and Saurabh.

* * *

CHILD, John Nicholas (1944) died on 17 January 2017 aged 91.

John Child was born on 7 May 1925 in Lincolnshire. Educated at Stamford School he came up in 1944 to read History. He graduated BA 1947; MA 1957. He spent most of his career in educational administration: first, in Cambridgeshire Local Education Authority, where he was influential in the development of the Cambridgeshire Village Colleges and in the reform of the 11+; and then as Secretary of the Cambridge Institute of Education, where he had particular interests in special educational needs and traveller education.

He married Margaret Bond in 1949; they had two sons and three daughters.

* * *

CLARKE, Robert William (1973) died on 28 May 2019 aged 65.

Robert Clarke was born on 17 May 1954 in Grimsby. Educated at Henry Hartland Grammar School, Worksop, he came up in 1973 to read Geography. Whilst at Cambridge he was president of the St Lawrence Folk Song Society. He graduated BA 1976; MA 1980. After graduating he undertook the PGCE at King's College, London. He went on to work mainly in human resources and training in the NHS and further education until in semi-retirement he retrained to be a furniture restorer.

He married Judy Powell in 1979; they had a daughter and a son.

* * *

CRONK, Peter Gregson (1946) died on 29 July 2018 aged 91.

Peter Cronk, the son of Leslie Cronk (1924) and grandson of Herbert Cronk (1890), was born on 13 March 1927 in Altrincham. Educated at Winchester College he came up in 1946 to read Natural Sciences with a view to becoming a doctor. He graduated BA 1948; Medicine, MB BChir 1951; MA 1953. Following National Service as a medic in the RAMC, he initially practised as a GP in Southampton for a year or two before moving to Gloucester where he set up a solo General Practice from his house. He did that for 13 years before deciding that being continuously on-call was a bit much and he retrained in occupational medicine. He spent the rest of his working life in that career, working for Wall's ice cream (an appropriate job, as he loved ice-cream!), and then the RAF. He spent 18 months on a "sabbatical" as a medic with the Royal Fleet Auxiliary, and enjoyed trips to the Falklands, St Helena, and Cape Town. He was a great philatelist. His main interest was of postage stamps of the British Empire and he used to exhibit from time to time. He was also he was a member of Tewkesbury Borough Council.

He married Elizabeth Ogden in 1952; they had three sons, Simon, David (1978) and Robert. Sadly Elizabeth died in 1993. He married Diana Richards in 1996.

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CROWLE, Herbert Edwyn Mitchell (1948) died on 9 May 2019 aged 93.

Edwyn Crowle was born on 20 February 1926 in Bugle, Cornwall. Educated at St Austell County Grammar School, after military service he came up in 1948 to read English. He graduated BA 1951; CertEd 1952; MA 1955. He spent his career teaching and lecturing at schools and colleges, including 20 years at St Luke's College of Education, Exeter, and the University of Exeter School of Education from 1978-84. He obtained an MA in linguistics at Reading University in 1972. He was also a chief examiner for the Cambridge Local Examinations Syndicate for 'O' level and GCSE English from 1968 to 1996. He took an active part in the life of Exeter and was a member of the city council. He and his wife enjoyed a long and happy retirement splitting their time between the UK and their house near Uzes in France.

He married Marie-Thérèse Baron in 1954; they had a daughter, Joelle.

* * *

DANIELS, Christopher (2006) died on 7 November 2018 aged 31.

Chris Daniels was born on 28 August 1987 in Oxford. He was educated at Lord Williams' school in Thame. He came up in 2006 to read Computer Science, and graduated BA in 2009. Whilst at Jesus he enjoyed serving on the May Ball committee, captaining the Badminton team, and playing Ultimate Frisbee and Tennis for the college. He went on to study Biological Oceanography at the University of Southampton, where he received his doctorate in 2015. He was passionate about his work, which took him on research cruises to the Arctic and Southern Ocean, among other places. During his short academic career he

authored or co-authored 22 research papers, and became a well-respected member of the oceanography community. He was an avid gardener, delighting in growing unusual fruit and vegetable varieties. He was also a talented and passionate baker of sourdough bread and pastries, skills which he honed after becoming ill with cancer.

He married Lucie Munns in 2017.

* * *

DIXON, Bryan Raymond (1957) died on 26 March 2019 aged 81.

Bryan Dixon was born on 3 April 1937 in Cheltenham, Gloucestershire. He was educated at Tonbridge School and undertook his National Service in the Royal West Kent Regiment. He came up in 1957 to read Law. He rowed in the boat which came Head of the Lents in 1959. He graduated BA 1960. After graduation he started articles with the firm of Watterson, Moore in Cheltenham. After qualifying he stayed with Watterson, Moore and rose to be a partner. He left in 1977 to join Scott & Fowler in Gloucester where he specialized in acting for ecclesiastical clients. He played rugby for Painswick, later becoming a rugby referee for first class games. He was an active member of his parish churches acting as Churchwarden, Treasurer and Covenants Secretary. After retiring in 1998, he researched the history of the Dixon family and this research led to an active interest in local history.

He remained great friends throughout his life with Dick Shaw (1957) and was godfather to Dick's eldest daughter, Katherine.

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GILLESPIE, JOHN Martin (1948) died on 11 December 2018 aged 91.

John Gillespie was born on 26 August 1927 in Hillingdon. Educated at St Paul's School, London, he was amongst the last to be called up for service with the army in World War Two. After demobilisation he came up in 1948 to read History and English. He graduated BA 1951. He went on to pursue a teaching career. He joined Gordonstoun School on a temporary contract and ended up staying for eleven years; during this time he became head of the school's mountain rescue and met his future wife, Ruth Lachmann. He and Ruth decide their next adventure would be at the international school in Ibadan, Nigeria. He stayed there for six years but sadly Ruth caught polio and became partially paralysed. Fortunately for the pair, who were avid musicians, Ruth was still able to play the violin whilst John played the flute; a pleasure they enjoyed almost every night of their married lives. His final post was as headteacher at Counthill School, Oldham. Even in retirement he continued to visit local primary schools on a voluntary basis to read poetry to the children. He was chairman of Saddleworth Players and honorary secretary of Saddleworth Chamber Concerts.

He married Ruth in 1965; although not blessed with children the couple were devoted to their numerous nieces and nephews. He married a long-term friend of the couple's, Delphine Snell, in 2006 and gained five step children.

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GLEN, John (1943) died on 28 June 2018 aged 93.

John Glen was born on 21 February 1925 in Caldercruix. Educated at Glenalmond College, he came up in 1943 on the RAF short course. He went on to train as a navigator. After the war he joined Paton & Baldwin and was sent to South Africa with his new bride, Jill. On his return to the UK he joined Edward McBean & Company as a director. A keen rifleman he was: a member of the British team which competed in the West Indies, Canada and Australia; captain of the Scottish team for three years; and the winner of

Caledonian Challenge Shield. He and Jill moved to Brig O'Turk in 1976 and built their new home.

They had a wonderful life there, surrounded by many friends, with the opportunity to hunt, fish and garden, and frequent visits from their expanding family.

He married Gillian Gavin in 1949; they had three sons.

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GORDON, Michael John (1948) died on 25 September 2016 aged 88.

Michael Gordon was born on 21 May 1928 in London. Educated at The King's School, Canterbury, he came up in 1948 to read Mechanical Sciences. He graduated BA 1951; MA 1955. After travelling around the world with the Canadian navy a successful career in business followed. This included: more than twenty years with The Badger Company; serving as Managing Director of the Channel Tunnel Group; and Chairman of Taylor Woodrow Management & Engineering. He was a keen tennis player, active in local politics and enjoyed music and the theatre.

He married Maria Eva Horvath in 1960; they had two daughters.

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GUY, Anthony Robin (1949) died on 28 January 2019 aged 89.

Robin Guy, the younger brother of Peter Guy (1937) was born on 18 February 1929 in Leicester. Educated at Abbotsholme School, Derbyshire, he came up in 1949 after service with the Royal Signals. He read Natural Sciences and Chemical Engineering. He graduated BA 1953; MA 1956. After graduating he joined Courtaulds plc where he spent his career. He was also chairman of the Coventry Health Authority; Vice Chairman of the British Textile Confederation; and a founding member of the Warwick University Business School Advisory Board.

He married Mary Elizabeth Roe in 1953; they had a son and two daughters.

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HAYES, Francis Edward Sutherland (1952) died on his 89th birthday.

Francis Hayes, the younger brother of Patrick (1942), was born on 14 May 1930 in Porthcawl. Educated at Wycliffe College he served with the Royal Naval Volunteer Reserve before coming up in 1952 to read Engineering. He pursued a career in business and was, amongst other things, Director of AB Electronic Products Group plc, Chairman of Gresswell Valves Ltd, Vice Chairman of the Wales Regional Board and director of TSB England & Wales. He was also High Sheriff of the County of South Glamorgan.

He married Nesta Suzanne Reardon-Smith in 1958; they had a son and three daughters.

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HILEY, John Douglas (1960) died on 6 August 2018 aged 79.

John Hiley was born on 20 May 1939 in Selby, North Yorkshire. Educated at Sedbergh School he came up in 1960 following a period commencing his articles at a solicitor's firm in Leeds. He read Economics and Law, graduating BA 1963. He went on to qualify as a solicitor and practised law until his retirement in 2011.

He married Sheenagh Martin in 1963; they had two daughters.

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HILL, Denis Keith (1952) died on 16 July 2018 aged 87.

Denis Hill was born on 9 January 1931 in Croydon. Educated at Shrewsbury School he came up in 1952 to read Estate Management. Much of his student file is filled with tales of his success on the river; he won the Colquhoun Sculls and was president of Cambridge University Boat Club, leading the blue boat to success despite only just recovering from chicken pox. He graduated BA 1956. His career initially began with his family building business Higgs and Hill before moving to Cornwall in 1962. There he bought a 17th century manor house in need of restoration and set up Trewan Hall Ltd, a beautiful family camping site.

He married Phyllis Box in 1955; they had four daughters and a son.

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KEITH, William John (1955) died on 14 July 2018 aged 84.

Bill Keith was born on 9 May 1934 in north London, and educated at Brentwood School. After completing National Service with the Royal Army Educational Corps he matriculated in 1955. He graduated with a BA in 1958. In the same year, he won a “Non-Resident Fellowship” offered by the Canada Council to undertake graduate studies at the University of Toronto, where he obtained his MA in 1959 and his PhD (on Richard Jefferies, the Victorian nature-writer) in 1961. In 1966, after five years teaching at McMaster University, he was invited back to the University of Toronto, where he taught until retiring in 1995. He edited the University of Toronto Quarterly for nine years, and published widely on 19th- and 20th-century British Literature and later on Canadian Literature. His books include *Richard Jefferies: A Critical Study* (1965); a trilogy of books on rural literature in the United Kingdom; two books about the Canadian novelist Rudy Wiebe; *Canadian Literature in English with Longman* (1985), subsequently updated and enlarged with *Porcupine's Quill* (2006); *An Independent Stance* (essays 1991); and several books on John Cowper Powys with the Powys Press in England. He was also a poet, best known for *Echoes in Silence* (1992) and *In the Beginning and Other Poems* (1999). He was elected Fellow of the Royal Society of Canada in 1979.

In 1965, he married Hiroko Sato, an elementary school teacher born in Japan. They both travelled widely, including bird-watching trips on all seven continents as well as cultural tours and cruises.

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KELLY, Louise Ann (1998) died on 26 February 2019 aged 38.

Louise Kelly was born on 20 September 1980 in Barrow-in-Furness. Educated at St Bernard's School, Barrow, and Barrow Sixth Form College she came up in 1998 to read Veterinary Medicine and graduated BA 2001. Her close friend Sybil Stacpoole (1998) has provided the college with the following: Louise was an extraordinary person, excelling at everything she turned her hand to and yet incredibly modest. A scholar of Jesus College, she excelled academically and continued with her dedication to cross country running, gaining a blue in athletics. She went on to become a wonderful vet, much loved by her clients and their owners, winning the Vets4Pets practice of the year award in 2018 whilst also competing for GB in triathlon with innumerable outstanding results. She always had time for others, encouraging younger students and colleagues to pursue their dreams. Kind, compassionate, thoughtful, helpful; words struggle to capture her generous nature and the positive impact that she had on all around her. She left us too soon and will be greatly missed.

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LING, Richard John Ling (1966) died on 24 May 2016 aged 68.

Richard Ling was born on 24 March 1948 in Ipswich. Educated at St Edward's School, Oxford, he came up in 1966 to read history. He graduated in 1969 and married Margaret Christina Tims the same year, before taking up a Ford Foundation Fellowship for a doctorate in economic history at the University of California at Berkeley. Grateful for the generosity of the fellowship, he bought only Ford vehicles for the rest of his life. After a year of research in Valencia, Spain, he completed his PhD and moved with his family to London, in 1975. He worked as a sales representative at Kalamazoo and IBM, first in London and then in Houston, Texas, before taking over Overnight Solutions, a Houston-based international logistics company serving the South American oil industry. He travelled regularly to Venezuela to Overnight Solutions' sister office in Caracas, and was concluding his latest round of client visits in Venezuela at the time of his death. He was a loyal season ticket-holder to his neighbourhood opera company, participated in the Houston Marathon for many years, and was proud of his ultimately unsuccessful efforts to export Texas peaches to fine grocery stores in England. He was also known for his patient coaxing – and sharing – of honey from his generations of backyard bee colonies, undeterred by setbacks frequently delivered by hurricanes and human interference. Most of all, he relished hours spent in the company of family, friends, and colleagues, just listening, laughing, and swapping tales of the weird and wonderful.

He and Margaret had three children: Christina (1990), Benjamin, and Matthew, as well as five grandchildren.

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MACE, Paul (1954) died on 8 December 2018 aged 86.

Paul Mace was born on 1 December 1932 in St Andrews. Educated at Gresham's School, Holt, and the Royal College of Music, he was posted to the camp at Catterick for his National Service and was the garrison organist. He came up in 1954 to read Music and whilst studying for his degree also undertook the Fellowship Diploma at the Royal College of Organists. He graduated BA 1957; MA 1961. He spent his career teaching originally at Clifton College and Bolton School and then as a peripatetic cello teacher. After retiring from cello teaching he worked in day centres for adults with disabilities. He also ran workshops that included able bodied instrumentalists of all ages and abilities and a large percussion section comprised mainly of his day centre students.

He and his first wife, Margaret, had two sons. He married Susan Rawlings in 1996.

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MACKENZIE, George Murray (1956) died on 30 August 2018 aged 83.

George Mackenzie was born on 20 February 1935 in Bromley, Kent. Educated at Christ's Hospital, Horsham, he came up in 1956 following National Service with the Seaford Highlanders. He read Theology graduating BA 1959; MA 1963. After graduating he attended the Devonshire Course in Oxford before proceeding to the Fiji Islands as an Administrative Officer in the Overseas Civil Service. He served three years as a District Officer before being moved to the central administration as Assistant Secretary for Communications and Works. He moved from there to the Finance Ministry where he remained, specialising in budget, foreign aid and loans through the years leading to Fiji's independence in 1970 and beyond. He was appointed OBE in 1979. He resigned from the ministry on a matter of principle following Fiji's first military coup d'état in 1987.

He remained in Fiji and in 1997 he was offered the position of Executive Director for the Fiji Institute of Accountants, a position he held for the last 21 years of his life.

He married Tessa Chandler in 1961. They had two sons, Robert and Christopher, and three grandchildren.

MAUNDER, Charles Richard Francis (1955) died on 5 June 2018 aged 80.

Richard Mauder was born on 23 November 1937 in Southsea, Hampshire. Educated at High Wycombe Grammar School he came up in 1955 to read Mathematics. He graduated BA 1958 and went to Southampton University as a lecturer in Mathematics until he was invited back to Cambridge to take up a fellowship at Christ's College. He lectured in the Department of Pure Mathematics until he took early retirement in order to develop his interest in the practice and performance of music in the 18th Century. His published work includes *Algebraic Topology* (1979); and *Mozart's Requiem: On Preparing a New Edition* (1988). Beyond his academic life he helped to save and restore Mary Challis House in his home village of Sawston and more recently raised enough money to restore the organ in St Mary's Church, Sawston.

He married Marilyn Glover in 1963; they had three sons and six grandchildren.

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McCORMACK, Allan Rae (1958) died on 1 April 2019 aged 80.

Rae McCormack was born on 4 February 1939 in Falmouth, Cornwall, the only son of Ruth, a shop assistant, and Allan who was a riveter in the dockyard. Educated at Falmouth Grammar School he came up in 1958 to read Geography. He graduated BA 1961. He spent his career in town planning becoming a Chief Planning Officer for Restormel Borough in Cornwall.

He married Elaine Ward in Falmouth in 1963; they had two daughters, Katherine and Rebecca, and four grandchildren Joe, Molly, Josie and Edwin.

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McDERMOTT, John Warner (1960) died on 29 July 2017 aged 78.

John McDermott was born on 13 February 1939 in Teddington, Middlesex. Educated at Cranleigh School, he came up in 1960 following National Service in the Royal Navy. He read Geography for one year then changed to History graduating BA 1963. He spent 29 years with IBM rising to UK Sales Manager and finally Head of Communications.

He married Sylvia Ying in 1969 and they had two daughters.

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MURRAY, Athol Laverick (1949) died on 24 August 2018 aged 87.

Athol Murray was born on 8 November 1930 in Tynemouth, Northumberland. Educated at the Royal Grammar School, Lancaster, he came up in 1949. He read History, graduating BA 1952; MA 1957. His first permanent job was as Assistant Keeper at the Scottish Record Office; though only paid the sum of £1 a day he enjoyed the work and met his wife, Irene Cairns, who also started at the office on the same day. Whilst working he studied at the University of Edinburgh, graduating LLB, 1957; PhD, 1961. He went on to become Keeper of the Records of Scotland. As well as his significant impact on Scottish archives – particularly of pre-Union Scotland – he also shared his expertise with the States of Jersey and the Hong Kong government before the handover to China when both were looking to preserve their own records. A keen bowler and member of the Wardie Bowling Club, he was also a great enthusiast of Italian opera.

He married Irene Joyce Cairns in 1958; they had a son and a daughter.

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NELSON, James Christopher (1959) died on 17 June 2019 aged 78.

James Nelson was born on 19 December 1940 in Neston, the Wirral. Educated at Repton College he came up in 1959 to read History. He graduated BA 1962; MA 1966. He spent much of his life abroad working in education; he was an education officer in the Cayman Islands and Head of History at the Sixth Form College in Brunei. In 1984 he took up the post as Head of History for the British School in Brussels where he taught until 2003.

He married Joan O'Loughlin in 1964 who died in 2014; they had two sons Jonathan and Andrew.

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NICKOL, David Arthur (1952) died on 26 November 2018 aged 98.

David Nickol was born on 11 February 1920 in Wanstead. Educated at Felsted School, he was a farm pupil in Kenya from 1939 and then joined the 6th King's African Rifles. Whilst serving in Burma his commanding officer was so impressed by his care for his soldiers he recommended him for the Colonial Service. He became a District Officer, acting as a Magistrate, Administrator, attending barazas, going on safari and organising famine relief. Never content behind a desk, in his spare time he constructed dams, bridges and roads with the Chiefs and Elders. His road from Chimala to the Kitulo Plateau with 49 hairpin bends is, he was told, visible from space. In 1953, the Colonial Service sent him to Jesus to read Agriculture, where he met his first wife, Helen Wynne Williams. On his return to Tanganyika he was first at Mbeya and then Njombe where he negotiated with the Wabena for the setting aside of 20,000 acres for the establishment of the Bena Wattle Scheme. He returned to the UK with Helen and his two daughters in 1961, settling in Salisbury amid the chalk streams where he could enjoy his passion for trout fishing. Sadly he was widowed in 1968. He went on to marry Ayesha Bremner, and they had a daughter. He continued to work in agriculture, in poultry, then as a Recruiting Officer for the Country Landowners Association, and setting up a trout farm. As age crept up on him he slowly relinquished the fishing stretches he maintained for the late Lord Henry Herbert, and his son, William Herbert, but they allowed him to tend and nurture a small, secluded stretch of fishing on the River Wyle, inside Wilton Park, right up until the end. He visited this joyous place almost daily, and it revived his soul.

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OXLEY, Clive William (1957) died on 20 April 2019 aged 82.

Clive Oxley was born on 23 May 1936 in Beckenham. Educated at Beckenham & Penge Grammar School he came up in 1957 to read Natural Sciences. He graduated BA 1961; MA 1967. He spent much of his career as a civil servant and was the Commissioner for Customs and Excise in Hong Kong. He was appointed OBE in 1993. He served as chairman of the Hong Kong Society for the Blind and, following his retirement as commissioner, on the boards of a number of businesses.

He married Jean Appleby in 1966, they had four sons and 6 grandchildren.

* * *

PARKER, Richard John (1975) died on 4 December 2018 aged 62.

Rick Parker was born on 16 January 1956 in Altham, Lancashire. Educated at Stockport Grammar School he came up in 1975 with a sponsorship from Simon Engineering. He read Engineering, graduating BA 1978; MA 1982. After graduating he joined Simon Engineering where he worked several years before joining Marshall Aerospace. In later years he set up on his own and was never happier than when stripping and rebuilding motors of all types and sizes, or driving fast cars or motorbikes.

He married Linda in 1981; they had two children, Oliver and Rachel. Richard and Linda separated but remained on good terms. Linda and a number of Jesuans returned to Cambridge this year to celebrate his life and to recall their fond memories of him in happier times.

POLLARD, William (1970) died on 1 July 2018 aged 67.

Bill Pollard was born on 23 February 1951 in Nottingham. Educated at The Becket School, Nottingham, he came up in 1970 to read English. He graduated BA 1973; MA 1977; MLitt 1978. Whilst at Cambridge he enjoyed visiting old folk at Fulbourn and running. After graduating he joined Her Majesty's Revenue & Customs and remained with it for the rest of his career. He was involved in most of HMRC's significant infrastructure projects during his time there and was appointed Member of the Order of the British Empire for his work as deputy director on the Business.gov programme. In retirement he visited older people to help them fill in the forms to enable them to access benefits. He was also the treasurer for his local church. His faith played a significant part in his life and was a great comfort to him when he fell ill.

He married Patricia Harper in 1973; they had two sons.

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POWELL, Geoffrey Colin (1958) died on 13 May 2019 aged 81.

Colin Powell was born on 17 September 1937 in Carshalton. Educated at Wallington County Grammar School he came up in 1958 to read Geography and switched to Economics. He graduated BA 1961; MA 1965. He spent his career as a civil servant for the Government of Jersey rising to be Chief Advisor. In 1981, he was appointed Chair of the Group of International Finance Centre Supervisors, a group of 18 jurisdictions, and later became Chair of the Basel Committee on Banking Supervision's Cross-border Banking Working Group. In 1998, after retiring as a civil servant, he was appointed as Commissioner of the Jersey Financial Services Commission, Deputy Chair shortly after and then Chairman in 1999. In 2005, he was appointed CBE for services to Financial Regulation and to the community in Jersey. In 2009, he took on the role of Vice Chair for a Peer Review Group set up by the OECD. This group developed terms of reference for a robust, transparent process to assess how effectively the international standards of transparency and exchange of information for tax purposes were being implemented by individual jurisdictions. He remained a trusted and respected voice within the Jersey government and globally, throughout the financial services industry, for many years, holding an office within the Government of Jersey until his death.

He married Jennifer Mary Catt in 1962; they had three daughters and nine grandchildren.

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RIDGWAY, Alan Edward Andrew (1958) died on 26 October 2018 aged 78.

Alan Ridgway was born on 15 March 1940 in Harrow. Educated at Downside School he came up in 1958 to read Natural Sciences with a view to qualify as a doctor. He graduated BA 1961; MB BChir 1964; MA 1968. He pursued a career as an ophthalmic surgeon becoming Senior Consultant at Manchester Royal Eye Hospital in 1974.

He married Susan Wilkinson in 1964; they had three children: Graham, Paul and Marianne and 6 grandchildren. Sadly Susan died in 2001. He married Kathleen Forde-Johnston in 2004 and gained four step-children and nine step-grandchildren.

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ROBINSON, Philip Henry (1947) died on 4 August 2018 aged 92.

Philip Robinson was born on 4 January 1926 in Lincoln. Educated at Lincoln School he came up in 1947 following service with the Royal Navy. He read History, graduating BA 1949; MA 1958. He spent his career in banking and was a director of J. Henry Schroder Wagg & Co Ltd for nearly twenty years. Beyond the business world he was the honorary treasurer of the National Council for One Parent Families and a trustee of Canterbury Cathedral.

He married Helen Gillian Wharton in 1959; they had a son and a daughter. He married Aneta Baring in 1985 and gained two stepsons.

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RYDZ, Simeon Levine (1955) died on 24 August 2018 aged 83.

Simeon Rydz was born on 26 February 1935 in Manchester. Educated at Manchester Grammar School he came up in 1955 following National Service with the Royal Air Force. He read Modern & Medieval Languages, graduating BA 1958; MA 1962. He initially pursued a career in business before serving for thirty years as an administrator for the South Manchester Synagogue. He had a passionate interest in ornithology and was a long-time treasurer of the RSPB in Manchester; he was also a patron of the Hallé orchestra.

He married Sheila Raie Richman in 1960.

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RYLAND-JONES, Malcolm Henry (1954) died on 22 January 2019 aged 85.

Malcolm Ryland-Jones was born on 21 December 1933 in Exmouth, Devon. Educated at Gresham's School, Holt, he came up in 1954 following in the footsteps of his cousin David Spencer-Jones (1943). He was soon joined by another cousin, David's brother, John Spencer-Jones (1955). He read Natural Sciences and graduated BA 1957; MA 1961. After graduating he trained to be a teacher and then taught for two years at Stowe School. He went on to spend most of the 1960s and 1970s working with the Overseas Missionary Fellowship in Malaysia and Indonesia. On his return to the United Kingdom he served as a minister in the United Reformed Church on the Wirral during the 1980s and 1990s. He retired to Witney to be nearer family in London.

He married Anne Ethna Gordon in 1962; they had a son and two daughters.

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SAMBROOK, Harold Keith (1943) died on 1 January 2019 aged 93.

Keith Sambrook was born on 25 August 1925 in Birstall, Leicester. Educated at Loughborough Grammar School he came up in 1943 to read English. His studies were interrupted by service with the Royal Navy which included time with the North Atlantic and Russian convoys and in the Mediterranean on HMS Milne. He returned to Cambridge in 1947 and got his first taste of publishing. He graduated BA 1949; MA 1993. He spent his career in publishing and amongst his many contributions to this world he was probably most proud of his role with Heinemann's African Writers Series. In later years he lectured in publishing at University College London and in book history at the Institute of English Studies, University of London, where he was an Associate Fellow. With characteristic generosity he refused to accept any fees for his teaching, asking instead that the funds be put towards supporting student bursaries.

He married Hana Bartošová in 1955; they had a daughter, Katie.

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SCOTT-BROWN, Nigel Myrie (1954) died on 5 October 2018 aged 83.

Nigel Scott-Brown was born on 27 July 1935 in Selkirk. He was educated at The King's School, Canterbury, alongside his great friend Canon Peter Allen (1957) (obituary above) who he had met at preparatory school. He came up in 1954 and read Natural Sciences with the intention of becoming a doctor. He graduated: BA 1957; MB BChir 1960; and MA 1964. He pursued a career in general practice in Sherborne, Dorset, and was also an anaesthetist. He had a keen interest in humanity and all its foibles, cars, jazz and wine.

He married Pat Henshilwood in 1959; they had three sons. He married Dede Marks in 1992.

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STEPHENSON, Thomas Edward Valentine (1951) died on 14 June 2018 aged 87.

Val Stephenson was born on Valentine's Day 1931 in Thornaby-on-Tees. Educated at Middlesbrough High School he came up in 1951 following National Service in the Royal Signals. He read Natural Sciences, specialising in Metallurgy. He graduated BA in 1954. He worked for Alcan Aluminium for over 30 years, starting in Banbury then living in Bristol from 1972 and retiring in 1988 as UK Sales Director based in Newport. In 1961/2 he studied at the International Management Development Institute in Geneva gaining a diploma in Business Studies. Having played rugby for the University 1st XV with fond memories of the tour to Japan in 1953, he remained a keen sportsman all his life. He played rugby for Middlesbrough, Yorkshire, Banbury and Northampton Saints and in his later years enjoyed golf, tennis and walking with dogs.

He married Mary Savage in 1955 and they had three daughters and a son. Sadly Mary died in 2007.

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SUDDABY, John Trevor (1952) died on 6 February 2019 aged 84.

John Suddaby was born on 28 March 1934 in Bradford. Educated at Bradford Grammar School he came up in 1952 to read History. He graduated BA 1955; MA 1987. He spent most of his working life in university administration at the University of Edinburgh. He was awarded an honorary doctorate by Edinburgh in 1995 for his service.

He married Margaret Helen Steventon in 1960; they had a son and a daughter.

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THOMSON, Keith (1955) died on 22 April 2019 aged 82.

Keith Thomson was born on 21 November 1936 in London. Educated at the Liverpool Institute High School he came up in 1955 to read Geography. He graduated BA 1958. After graduating he became a teacher; he spent his early years in teaching in The City of London School and then at James Welch Grammar School in Nigeria, before moving to Bradford in 1965. He taught as Head of Geography at Bradford Grammar School and then moved to the headship of Grange Upper School for fourteen years. After early retirement from teaching, in 1989, he was elected as a Bradford Metropolitan District Councillor, representing the Labour Party for 14 years, until he resigned from the party in protest at Britain's involvement in the war with Iraq. He continued for a further couple of years as an Independent and then retired. He carried on sitting on the Bradford District Adoption Panel, a task he had originally been given as a Councillor. He was the treasurer and a committed volunteer at Bradford Metropolitan Foodbank for many years. He also wrote a weekly column for his local newspaper on environmental and climate change issues.

A committed environmentalist to the end, he had a green burial, with a birch tree planted to celebrate his life.

He married Brenda Bland in 1959. They brought up six children, two boys and four girls, four of them adopted; and went on to have ten grandchildren and ten great grandchildren.

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TODD, Geoffrey Burkett (1948) died on 1 March 2019 aged 96.

Geoff Todd was born on 16 October 1922 in North Finchley, London. He was educated at Selhurst Grammar School, Croydon, before volunteering for the Royal Navy in September 1941. He served as an ordinary seaman on HMS Pimpernel, escorting convoys in the North Atlantic. He later became an officer on Motor Torpedo Boats and Motor Gunboats, seeing frequent active service in the North Sea and Channel. Finally, he was commanding officer of a minesweeper clearing the Straits of Dover. Writing of his wartime experiences he said: 'I would never in any circumstances wish the experience of war on anyone, but I am glad that as a young man I was able to see the beauty of the sea, and to learn to respect its power.' He came up in 1948 to read Psychology. He subsequently worked as an Educational Psychologist in Bristol, and Derby, and from 1964 in Leicestershire where he led the schools' psychological service for both county and city. In retirement, he lived in Sussex.

He married Aleida Christina 'Leida' Verboom, in 1951; they had two sons, including Jan (1971), and two granddaughters, including Eleanor (1994), and four great-grandchildren.

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VOGT, Robert Anthony (1947) died on 4 December 2018 aged 93.

Bob Vogt was born on 18 August 1925 in Bournemouth. Educated at King Edward's High School, Birmingham, he served in the army in Africa during and after the Second World War. He came up in 1947 to read History and Geography. He graduated BA 1950; MA 1954. He went on initially to pursue a career as a teacher before being ordained a Church of England minister. He served in parishes in Lewisham, Kidbrooke and Coventry.

He married Joyce Miller in 1959. Sadly Joyce died in 1995.

* * *

WENDON, Ulrich Luke (1946) died on 6 December 2016 aged 90.

Ulrich Wendon was born on 17 April 1926 in Berlin and came to the UK in 1939 with the Kindertransport. He undertook his undergraduate degree at Imperial College London before coming up to Jesus to study for a doctorate in 1947. The following year he represented Britain at the 1948 Olympics and did so again in 1952. After deciding against completing his PhD he started working for a chemical company and subsequently joined BP. He retired at 50 and started a second career as a silver and jewellery dealer, something he greatly enjoyed. He cared for his first wife Jean through severe rheumatoid arthritis until her death. He found happiness again with his second wife, Linda Williams.

He and Jean had: two children, Jonathan, who sadly died, and Julia; and four grandchildren. When he married Linda he gained three step-children and seven further grandchildren.

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WEST, Peter Guy Fortescue (1958) died on 13 July 2018 aged 78.

Peter West was born on 5 September 1939 in Amirate of Trans-Jordan. Educated at Monkton Combe School he came up in 1958 to read Natural Sciences with a view to becoming a doctor. He graduated BA 1961; Medicine, MB BChir 1965. He went on to qualify as a Consultant Psychiatrist. Beyond medicine he was interested in bee keeping.

He married Joy Caley in 1967; they had two sons. He married Katherine Schofield in 1997.

WHITE, Anthony John Frith (1943) died on 18 February 2019 aged 93.

Tony White was born in London on 21 March 1925. Educated at Ampleforth College he came up in 1943 on the Royal Navy short course. After retiring from the Royal Navy he spent two years teaching in Rhode Island, USA, before moving back to the UK in 1954 and into advertising. In 1966, he returned to education and set up the British American Educational Foundation, assisting American students to spend a year in the sixth form of a British boarding school, a very successful programme he ran until retiring in 1990.

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WHITEHEAD, Gary James (1982) died on 15 June 2019 aged 56.

Gary Whitehead was born on 15 February 1963 in Plymouth. He came up in 1982 to read Natural Sciences. He graduated BA 1985; MA 1989. After graduating he joined the British Antarctic Survey and was soon off to the South Pole. On returning from Antarctica in 1988 he commenced a PhD in radio astronomy at the Jodrell Bank Institute. He also became an active caver, inspired by his experiences exploring ice-caves in Antarctica. His PhD project would have seen him return to Antarctica to install a Cosmic Microwave Background telescope, but after some technical and funding delays he settled for a Master's Degree, and used the experience gained at Jodrell Bank to take an opportunity with the European Space Agency. He moved to ESA's site ESRIN, close to Rome, in 1991 to work on the ground system for the ERS Earth Observation satellites. Just when he had started to master Italian, he was sent to the Arctic, where he spent two years maintaining data processing systems at ESA's ground station at Kiruna in Sweden, inside the Arctic circle. Then followed his first stint at ESOC, Darmstadt, with the ERS flight control team running the ground-based payload processing systems. Around 1998 he packed his bags for Melbourne, Australia, to work on payload systems for Asiastar, operated by WorldSpace, returning a year later to ESOC to the ERS flight control team, this time working on payload systems. Darmstadt was where he finally settled. He learned German, and joined the community centred on the cosy and welcoming Riwelmaddes pub, which he regarded as a place of refuge and sanctity. It was in Darmstadt that he met Hanna and after 20 years together they married in 2019. Following diagnosis of a life threatening cancer, he reacted like an engineer. He tried to understand the problem and do what was necessary to overcome it. Later, as it became clear he was not going to survive, he adopted the attitude of living each day and enjoying the moment. During this period, he remarked that he was lucky to have had enough experiences to fill numerous lifetimes, as he enjoyed reconnecting with old friends and reminiscing shared experiences.

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WIGGLESWORTH, Martin Francis (1945) died on 16 July 2018 aged 91.

Martin Wigglesworth was born on 21 November 1926 in Balham, London. Educated at Clifton College, he came up in 1945 to read English and graduated BA 1948. Under the name Martin Worth, he wrote scripts for many 1970's TV drama series including *The Onedin Line*, *Poldark* and *The Survivors*. His scripts for *Microbes and Men* won the 1975 Best Documentary of the Year award from the Writers' Guild and his futuristic ideas for the apocalyptic series *Doomwatch*, now seem prophetic. His radio work included scripts for *The Archers*; his stage plays were performed in both the UK and Germany; and his book, *Sweat and Inspiration*, was about the lives of the great Victorian Engineers. He had a strong interest in local politics and in 1981 was elected as a County Councillor for East Sussex – one of the few Liberals on an otherwise Conservative Council. He also travelled widely and would come back full of tales of people he'd met, many of whom would later end up as the basis for characters in his plays.

He married Angela Field in 1955 and had three children: Chris (1978); Catherine; and Mark. He and Angela separated in 1984 but remained friends. His long term partner was Patricia Imison and his brother-in-law was Rollo Woods (1947).

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WILLIAMS, Paul Francis (1944) died on 13 August 2018 aged 92.

Paul Williams was born on 26 May 1926 in Edmonton. Educated at the City of London School he came up in 1944 to read English. He graduated BA 1947; MA 1951. He spent his whole career as a teacher, firstly at St Bees, a boys' boarding school in Cumberland. His second appointment was at the Coopers' Company Boys School, then in Bow in London, where he was Head of English. From there, he went to the Thomas Huxley Adult Education College at Acton as Principal Lecturer in English and Drama. Lastly, on the college's closure, he became a part-time tutor at the Institute of Education, University of London. He was involved in the Association of Teachers of English, particularly its London branch. From the start of his career, he took a wide view of his role as an English teacher and, in particular, he involved his pupils in the production of plays. Paul's interests were in art, drama and ballet and travelling abroad. His house and garden in Islington were full of objects which he and his longstanding late partner, Bertie Maxwell, had acquired on their travels. Throughout his life he kept in touch with many whom he had taught and after his death his remaining family, children of his late sister, received a multitude of letters from former pupils, saying how much they had gained from his teaching. 



Awards & Results



Awards 2018-2019

University Prizes, Grants and Scholarships, and External Awards

The John Higley Prize for best paper presented at annual conference of The Australian and New Zealand Studies Association of North America (History)	Matthew Birchall
Arts Council Grant to organize photography workshops in HMP Whitemoor and make documentary on role of art in prison	Eleanor Brown
Association of British Neurologists/Guarantors of Brain Clinical Research Training Fellowship 2019-2022	Robin Brown
Best International Paper Award (Organisation & Management Theory Division) for 79th Academy of Management Meeting	Isabel Brüggemann
Post-Doctoral Research Fellowship (All Souls, Oxford) (from October 2019)	Rachel E Bryan
Hawks' Charitable Trust Award (Hockey)	Charlotte L Burrows
Cambridge Society for the Application of Research 2019 Award (one of 12 awards from 218 applicants)	Bethany Connolly
Jesus College Graduate Conference Prize for the best Talk on graduate research	Bethany Connolly
American Physical Society, Division of Fluid Dynamics Award (to attend 71st Annual DFD Meeting in Atlanta, Georgia)	Francesca De Domenico
Junior Research Fellowship (Gonville & Caius) (from October 2019)	Francesca De Domenico
Best Poster prize for the Physical Chemistry Research Interest Group, University of Cambridge Chemistry Department Showcase Week	Belinda Fonseka
Worts Travelling Scholars Fund Award	Emilio Garciadiego Ruiz
PhD in English by Special Regulations (July 2018)	Peter M Gilliver
Smith-Knight and Rayleigh-Knight Essay Prize, Group 2/5	Kirill P Kalinin
Participant in STEM for Britain 2019 competition; selected poster presenter at the Physical Sciences Session, House of Commons, London	Kirill P Kalinin
Best Poster prize for the Materials Chemistry Research Interest Group, University of Cambridge Chemistry Department Showcase Week	Katherine M G King
Scholar of the Anglo Danish Society	Theodor W Lundberg
Early Career Travel Grant from International Society on Thrombosis and Haemostasis	Louisa M Mayer
The Burney Prize for Dissertation on Philosophy of Religion (2017-2018)	Chloe J Merrell
Santander Cambridge Scholarship	Nader Mufdi
Alan Turing Enrichment Scheme Fellowship (from October 2019)	Ignacio Perez Pozuelo
Janson Trust Award	Tellef S Raabe
Sparebank 1 Research Excellence Award	Tellef S Raabe

Michael Width Endresen's Trust Award
Cambridge European Trust Scholarship
German Academic Scholarship Foundation Award
Returning Carers Scheme 2018 12th Round Award
Microsoft PhD Scholarship "Optics for Cloud" initiative
(one of three Cambridge recipients)
Special Commendation Award for a research poster
at the School of Public Health Research Annual
Scientific Meeting
One of three student speakers at the Vice-Chancellor's
Global event "Dear World ... Yours, Cambridge"
Hong Kong, China

Tellef S Raabe
Julius M Rogenhofer
Julius M Rogenhofer
Natalia Savinykh Yarkoni
Arastu Sharma

Dorothy R Z Theis

Xiao Long Wang

University Tripos Prizes

The William Vaughan Lewis Prize (Geography)
The William Vaughan Lewis Prize (Geography)
The William Vaughan Lewis Prize (Geography - 2018)
The William Vaughan Lewis Prize (Geography - 2018)
The William Vaughan Lewis Prize (Geography - 2018)
William Harvey Studentship (Clinical Medicine)
The John Fawcett Prize for Clinical Communication Skills
The Knott Trust GP Prize (Clinical Medicine)
The Desmond Hawkins Award (Clinical Medicine)
The Jim Knott Hospital Palliative Care Essay Prize
(Clinical Medicine)
William Harvey Studentship (Clinical Medicine)
The Henry Roy Dean Prize (Clinical Medicine)
William Harvey Studentship (Clinical Medicine)
The Lewin Prize (Clinical Medicine)
The William Barclay Squire Prize (Music)

Daisy Malton
Dominic Wheeler
Paul M Greenhalgh
Alexandra M Reece
Victoria Taylor
Harriet O Hunter
Keerthi K Senthil
Oliver D Mowforth
Oliver D Mowforth
Oliver D Mowforth

Manu K Shrivastava
Manu K Shrivastava
Isabelle E Williams
Isabelle E Williams
Edward J Liebrecht

University Instrumental Awards

Isabelle T Monnickendam (bassoon)

College Awards, Elections and Prizes

The Gurnee Hart Scholarship 2018-2019

Albert E Kohn studying for the MPhil degree in Medieval History (from October 2018)

The Albert Goh & Elizabeth Coupe Scholarship 2018-2019

Vanessa O Knight studying for the MPhil degree in Medieval and Renaissance Literature
(from October 2018)

The Embiricos Trust Scholarship 2018-2019

Philippa K Liggins studying for the PhD degree in Earth Sciences (from October 2018)

The Hogwood Scholarship 2018-2019 (split award this academic year)

(AHRC studentship matched funding College contribution for three years)

Chun Yui Wong studying for the PhD degree in Engineering (from October 2018)

Katerina Pavlidi studying for the PhD degree in Slavonic Studies (from October 2018)

The Nick Mills Memorial Scholarship 2018-2019

Suzy Gamgne Kamgue studying for the MPhil degree in Conservation Leadership (from
October 2018)

Postgraduate Scholarship (discretionary extra award) 2018-2019

Roisin Donohoe studying for the PhD degree in History (from October 2018)

Postgraduate Scholarship (Newton Trust MPhil matched College funding) 2018-2019

Christopher McBurnie studying for the MPhil degree in Development Studies (from October 2018)

Postgraduate Scholarship (Newton Trust MPhil matched College funding) 2018-2019

Luke Collins studying for the MPhil degree in Economics (from October 2018)

Postgraduate Scholarship (Newton Trust MPhil matched College funding) 2018-2019

Charles Parry studying for the MPhil degree in Economic Research (from October 2018)

Ng Fund 2018-2019

Eliza Bond, Emily L Strand

Hart (History) Fund Study Grants 2018-2019

Priya M N Bryant, Amin Elhassan, Benjamin Francis, Suzannah R Lindley, Olivia E L Wynne Thomas

Jesuan Welfare Awards 2019

Astrid F L Godfrey, Suzannah R Lindley, Belinda Fonseka

Organ Scholarships

David Rees (2018-2019)

Jason Richards (2018-2020)

Lady Kay Scholarship

Anna H Jones (2017-2019)

Choral Scholarships

Benjamin Dennes, Benedict J Gibson, Edwin C Jarratt Barnham, Rebecca M Kershaw, Jack E Lawrence, Hamish A J MacGregor, Thomas A McIver, Lucy Roberts, Jacqueline Rowe, Kieran Smith, Martha J Spencer, Joanna Ward

Rawlinson-Hadfield Graduate Choral Scholarship

Ellie Hargreaves, Cesilie Welle (W), Brian Woods-Lustig (JN)

Instrumental Exhibitions

Sarah H Bate (bassoon), Thomas Fisher (clarinet), Matthew A B Fox (violin), Oliver Hope (clarinet), Rebecca M Kershaw (flute/piccolo), Yuma Kitahara (clarinet), Edward J Liebrecht (trumpet), Zaneta Lo (piano), Thomas A McIver (oboe), Rebecca N Reiss (flute), Rebecca Revie (flute), Lucy Roberts (cello), Shamil A Shah (oboe), Ze'ev N Shirazi (trombone), Philippa Stevens (oboe), Sebastian J Tyrrell (cello)

Edward Daniel Clarke Travel Bursary

Eliza Bond

James Baddeley Poole Bursaries

Georgia S Benson, Angus Jackson, Remi M Rufus-Toye, Aili Wang

Sir Moses and Lady Finley Travel Bursaries

Carl T Ayers, Robert A Spencer, Hamish A Symington, Rachel J Zink

Jesus College Cambridge Society Travel Bursaries:

Nurjk M Agloni, Jessica Binks, Isabel E M Brooks, George Crane, Krittika D'Silva, Alexander J Davies, Joseph E Davighi, William Davison, Stefan Farsang, Alexander J Forster, Isabella M Gee, Victoria C Honour, Maddison Jackson,

Madeleine A Lee, Emma Leze, Edward J Liebrecht, Javiera Marfan Sanchez, Luke McCarron, Phoebe J McDonnell, Charlotte Morgan, Poh Ni M Ng, Cormac P Parks, Amber B C Parsons, Ignacio Perez Pozuelo; Jakub Priban, Finn B R Ranson, Joseph Renshaw, Kathryn Riley, Kang-Ling J Shih, Ze'ev N Shirazi, Lior Soday, Nicholas P Sweeney, Shogo Washio, Joey C W Wong, Olivia E S Woodcock, Georgia M Wray, Shashan Xie, Fan Yang, Melissa W Yuan, Isma'Eel Zia

Sir James Knott Bursaries

David Robertson, Joanna Ward

Rustat Bursaries

David Austen, Dominic Betts, Simon Billett, Daniel Cochrane, Alexandra M J Forrester, Thomas Holland, Eleanor Kashouris, Michael H L Miller, Daniel G W Smith, Benedict J L Welch

Sir Robbie Jennings Fund

Pollyanna Baker; Imogen R Beltrami, Matthew Birchall, Aurora Diamante, Bruno Gelinas-Faucher, Brittany S Hanlon, Edward M Kiely, Thomas M O'Brien, Rosa Price, Sophie E Purkis Charters, Philippa Stevens, Louis F L Wilson, Matthieu C Wilson

Livermore Fund

Anne-Marie I Bowring

Alan Pars Theatre Fund

Charlotte E M Bagnall and Lucy Roberts

Douglas Timmins Grants for Sports

Marcin A Chrapek (swimming), Elliot A J Ebert (golf), Emily K S Edwards (football), Sean E F Gilmore (hockey), Rhys E A Goodall (water polo), Oliver Hope (fencing), Elizabeth C Jack (hockey), James Lee (boxing), Oscar Melbourne (football), Samuel J Plummer (kayaking), Paul E Pruzina (orienteering), Finn B R Ranson (tennis), Gregory J Sale (sailing), Olivia M Shears (hockey), John J A Staunton Sykes (hockey), Catherine L Tran (ultimate frisbee), Zijian Zhao (golf)

Scholarships for Graduate Students (awarded in Michaelmas 2018 for 2017-2018 results)

George Baron, Callum Deakin, Calum Dron, Cheryl J E Goh, Maximilian D H Kern, Edward M Kiely, Stefanos Laskaridis, Theodor W Lundberg, Manuel P Mezger, Michael H L Miller, Peter B Minnig, Ellen Parker, Thomas G Parton, Elliot M Salinger, Rhiannon E Shaw, Steven Toussaint, Sophie O Vineberg

Scholarships

David Austen, Theo W M Bearman, Alexander H Bell-Thomas, Jessica Binks, Joshua B Blake, Jamie Brannigan, Oliver Brown, Mathilde Bru, Priya M N Bryant, Evelyn R Burrows, John J W Cai, Anna J Carpenter, Emma J Catlow, Thomas Cay, Marcin A Chrapek, Anna L Christiansen, Ngai Lam J Chu, Sofia Clini, Leon S L Culot, Ben Curnow, Eden M Day, Cara H Dobinson, Emma L Drewett, Grainne Dromgoole, Elliot A J Ebert, James M Edgerton, Eloise Z R England, Matthew S G Feuer, Chloe Francis, Saul Gilbert, Todd Gillespie, Nabil Haque, Omar A Helmy, Samuel A Hill, Curtis S H Ho, Keith K L Ho, Oliver Hope, Daniel J Hopper, Harold S L Horsley, Robert Hudson, James Inkster, Ella Inwald, Angus Jackson, Edwin C Jarratt Barnham, Anran Jin, Dominic M Jones, Kendal A Karaduman, Maisie Keany Frost, Jagoda E Klimowicz, Zuzannah Klikowicz, Isabel B Key, Philip R Knott, Shoni B Lavie-Driver, Jake Levi, Edward J Liebrecht, Yi Jer Loh, Hamish A J MacGregor,

Nathan T Malik, Daisy Malton, Ava N Mayer, Luke McCarron, Adelaide Mettrick, Oscar Melbourne, Patrick J Merchant, Juraj Micko, Emmanuel Michta, Rainbow Moore, Poh Ni M Ng, Sophie O'Reilly, Alexander Osborne, Edward W Parker Humphreys, Natasha C O Pearson, Andrea Peripoli, Ngoc L Pham, Isabelle L Piper, Jakub Priban, Paul E Pruzina, Carlos Purves, Finn B R Ranson, Lee C Reeve, Rebecca N Reiss, Christian Repole, Charles R Richardson, Iain M Rolland, Jacqueline Rowe, Alessandro M Rubin, Sylwia A Sajdak, Leo Salem, Hannah R Sanderson, Joseph T Sandham, Holly J Scott, Matthew Seccombe, Akash Sengupta, Shamil A Shah, Leah M Shaya, Cameron J Staveley, Pierre Stepanov, Philippa Stevens, Alice D Stuart, Harry E W Sullivan, Nicholas P Sweeney, Hong Ye Tan, Euan J Tebbutt, Juliette E Thomas, Lucy E Thompson, Catherine L Tran, Joanna Ward, Charlotte H Waygood, Shona Webb, Jakob Werbrouck, Dominic Wheeler, Joey C W Wong, Vivien C Y Wong, Li Sha A Yeo, Sechan Yun

Exhibitions

Susannah Adler, Georgia S Benson, Alice R Buckley, Hugo A N Burgess, Eoghan Butler, Ilya I Carey, Edward B Carr, Grace C Copeland, Harry Crook, Emry C Davies, William Davison, Douglas P Dolleymore, Benedict J Gibson, Katherine G Heppell, James Hirst, Harriet O Hunter, Maddison Jackson, Benjamin W James, William J M Jones, Megan E Lazenbury, Jessica A Molyneux, Oliver D Mowforth, Laura Mullarkey, Katy Munford, Oliver C Normand, Peter Ondus, Amber B C Parsons, Rebecca Revie, Elizabeth M Robson, Keerthi K Senthil, Ze'ev N Shirazi, Manu K Shrivastava, Anya A Sims, Caroline S R Smith, Kieran Smith, Sebastian J Tyrrall, Isabelle E Williams, James Wright, Isma'Eel Zia

Prizes

Senior Keller	Shoni B Lavie-Driver
Keller	Alessandro M Rubin
Benefactor's (2004)	Holly J Scott
Sir Leslie Martin (Architecture)	Matthew S G Feuer
Farrell (Greek Studies)	Anran Jin
Brereton (Classics Part IA)	Theo W M Bearman
Carruthers (Computer Science Part IA)	Evelyn R Burrows
Carruthers (Computer Science Part IB)	Thomas Cay
Carruthers (Computer Studies Part II)	Edward J Liebrecht
Carruthers (Computer Studies Part III)	Philippa Stevens
Malthus (Economics)	Nicholas P Sweeney
Malthus (Human, Social & Political Sciences)	Joey C W Wong
Evans (Engineering Part IA)	Nabil Haque
Engineers' (Part IB)	Sebastian J Tyrrall
Samuel Taylor Coleridge (English)	Hugo A N Burgess
Newling (History Part I)	Peter Ondus
	Daniel J Hopper
	Alexander H Bell-Thomas
	Joshua B Blake
	John J W Cai
	Holly J Scott
	Anya A Sims
	Saul Gilbert
	Leah M Shaya
	David Austen

Schiff (History Part II)	Natasha C O Pearson
Kapuvári (Land Economy Part IA)	Nicholas P Sweeney
Glanville Williams (Law Part II)	Leon S L Culot
Glanville Williams (L.L.M.)	Andrea Peripoli
Bronowski (Mathematics Part IA)	Ze'ev N Shirazi
Ware (Mathematics Part IB)	Hong Ye Tan
Sir Harold Spencer Jones (Mathematics Part II)	Ben Curnow
R A Watchman (Mathematics Part III)	Cameron J Staveley
Eliot (MML Part II)	Isabelle L Piper
James Perrett (Medical Sciences Part IA)	Isma'Eel Zia
Hadfield Anatomy (Medical Sciences Part IA)	Isma'Eel Zia
Duckworth (Parts IA and IB Medical Sciences)	Jamie Brannigan
Hadfield Medical Sciences (MVST Part II)	Omar A Helmy
Waring (Final MB Part III)	Isabelle E Williams
Roberts (Pathology)	Omar A Helmy
Wellings (Natural Sciences Part IA)	Oliver C Normand
Longden (Natural Sciences Part IB)	Lucy E Thompson
John Gulland (Natural Sciences Parts IA and IB)	Lucy E Thompson
John Gulland (Natural Sciences Part II)	James M Edgerton
Sir Alan Cottrell (Natural Sciences (Physical)	Physics Part II: Shamil A Shah
Part II or Part III)	Physics Part III: Matthew S G Feuer
Duncan McKie (Natural Sciences Part II and III)	Biochemistry Part II:
	Anna L Christiansen
	Materials Part II:
	Harry E W Sullivan
	Chemistry Part II:
	James M Edgerton
	Physics Part III:
	Hamish A J MacGregor
Sheldrick (Natural Sciences Part II & III):	Kendal A Karaduman
	Keith K L Ho
	Rainbow Moore
Valérie Tyssens (MML Part I: French Language)	Suzannah Adler
Educational Board Prize	David Austen
G F Hart (History Prelims to Part I)	Ava N Mayer
Hamilton Prize (Social and Economic History)	Daisy Malton
Russell Vick (Law)	Robert D Turnbull
Reid-Henry (Geography)	Rebecca M Kershaw
Sir Peter Gadsden	Chapel: David Austen
Crighton (Music)	Hall: Sebastian J Tyrrall
Gray Reading Prizes	(pre-Clinical Medicine):
James Hadfield (for contributing most to medical	Moe Takenoshita
and veterinary studies in the College)	(Clinical Medicine):
	Rachel L Anderson
Margaret Mair Choral	Hamish A J MacGregor
Wohl Prize (books, travel or study for History)	Priya M N Bryant
Morgan (English essay)	Suzannah R Lindley
Marcus Prawer (Dramatic criticism essay)	Catherine L Tran
Edwin Stanley Roe (outstanding Tripos dissertations)	Marina W Perkins
	Cara H Dobinson

Sir Denys Page Award
 (for Classics students to travel to Greece)
 Renfrew (for the most significant contribution
 to the musical life of the College)
 Waring Award (for sporting achievement)

Maisie Keany Frost
 Rebecca N Reiss
 Mathilde Bru
 Shoni B Lavie-Driver
 Joanna Ward
 Emily K S Edwards

College Prizes

Architecture Part II
 Asian & Middle Eastern Studies Part IB
 Chemical Engineering Part IIB
 Classics Part II
 Economics Part I
 Engineering Part IIA
 Engineering Part IIB
 Engineering Part IIB
 English Prelims to Part I
 English Part I
 Geography Part IA
 Geography Part IB
 History Part I
 History Part I
 History of Art Part IIB
 Human, Social & Political Sciences Part I
 Human, Social & Political Sciences Part IIA
 (Politics & Sociology)
 Human, Social & Political Sciences Part IIA
 (Sociology)
 Land Economy Part II
 Land Economy Part II
 Linguistics Part IA
 Linguistics Part IIB
 Manufacturing Engineering Part IIA
 Manufacturing Engineering Part IIB
 Master of Advanced Study in Mathematics
 Medical & Veterinary Sciences Tripos Part IB
 Modern & Medieval Languages Part IA
 Modern & Medieval Languages Part IB
 Music Part II
 Natural Sciences Part IA (Biological)
 Natural Sciences Part IB (Physical)
 Philosophy Part IB
 Philosophy Part II
 Psychological & Behavioural Sciences Part IIB
 Final Veterinary Examination Part II

Ngai Lam J Chu
 Jessica Binks
 Emma J Catlow
 Shoni B Lavie-Driver
 Georgia S Benson
 Poh Ni M Ng
 Anran Jin
 Akash Sengupta
 Jessica A Molyneux
 Angus Jackson
 Caroline S R Smith
 Sylwia A Sajdak
 Priya M N Bryant
 Charles R Richardson
 Alessandro M Rubin
 Katherine G Heppell
 Joey C W Wong
 Theo W M Bearman
 Alexander Osborne
 Vivien C Y Wong
 Evelyn R Burrows
 Nathan T Malik
 Christian Repole
 Philip R Knott
 Emmanuel Michta
 Luke McCarron
 Thomas Cay
 Kendal A Karaduman
 Edward J Liebrecht
 Harry Crook
 Hannah R Sanderson
 Patrick J Merchant
 Leo Salem
 Sophie O'Reilly
 Elizabeth M Robson

Tripos Results

This year the College had over 900 students (no two ways of counting them gives the same number). There were approximately 490 undergraduates in residence, 30 of whom came from other countries in the European Union and 32 from other overseas countries. There were around 145 in each of the first three years and 60 in the fourth. 9 undergraduates were abroad for the year. There were approximately 450 students in the postgraduate community at 1 October 2018 of whom 43 PhD students completed their courses during the 2018-2019 academic year.

	2019	2018	2017
Number of Examinations taken	511	512	522
Number obtaining First Class (or stars)	136	152	126
Number obtaining Second Class (Upper)	229	229	244
Number obtaining Second Class (Lower)	49	34	46
Number obtaining Second Class (Undivided)	18	24	26
Number obtaining Third Class	8	11	6

PhDs

Shiraz Ahmad, Mechanisms of arrhythmogenesis in the age-dependent Pgc-1 β -/- model of mitochondrial dysfunction

Bartholomew Andrews, Stability of topological states and crystalline solids

Thomas Arnold-Forster, Walter Lippmann and American democracy

Silvia Basilico, Dissecting the early steps of MLL induced leukaemogenic transformation using a new mouse model of AML

Ana Bernardo Gancedo, Characterising the early aggregation events of human lysozyme using single-molecule microscopy

Amy Binning, Printing as practice: innovation and imagination in the making of Tibetan Buddhist sacred texts in California

David Bookless, Why and how should wild nature be preserved? A dialogue between biblical theology and biodiversity conservation

Giovanni Canu, Role of the cell cycle during human endothelial-to-haematopoietic transition

Margaret Comer, The heritage of repression: memory, commemoration, and politics in post-Soviet Russia

Matthew Daggitt, An algebraic perspective on the convergence of vector based routing protocols

Katie Davies, Developmental regulation of mitochondrial function in ovine fetal skeletal muscle

Priyanka De Souza, Analysis and optimisation of an organic optical link

Demetris Demetriou, An investigation into nonlinear random vibrations based on Wiener Series Theory

Thomas Edwards, Plasticity of γ -TiAl alloys: a strain mapping study

Phillip Evans, New Synthetic Methodology For The Preparation Of Monocyclic Medium Ring Lactams

David Godding, Predicting the spread and management of the cassava brown streak disease epidemic

Sophie Hackinger, Pleiotropy in complex traits

Anna Hakes, Identifying regulators of neural stem cell fate and tumourigenesis

Christopher Hellmund, Investigating the role of stem-loop 1 in the assembly process of HIV-1

Elka Humphrys, Understanding the pathways to oesophageal and stomach cancer diagnosis: a multi-methods approach

Yani Ioannou, Structural priors in deep neural networks

Jasmine Jagger, Disorderly rhythms in the compositions of Edward Lear, Thomas Stearns Eliot, and Stevie Smith

Sarah Kaewert, Immune-driven positive and balancing selection in human populations

Geraldine Kwek, An analysis of /r/ variation in Singapore English

Cynthia Larbey, In the human past, is the perennial consumption of starch a deep or shallow phenomenon?

Chih-Hao Lee, The Workers' Educational Association and the pursuit of Oxford idealism, 1909-1949

Renata Lemos, Examining the drivers of managerial practices: evidence from schools and manufacturing firms around the world

Ross Lindsay, Cardiac energy metabolism in ischaemia and type 1 diabetes

Chenyan Liu, Hierarchical supramolecular assemblies based on host-guest chemistry between cucurbit[n]uril and azobenzene derivatives

Christopher Markou, Law and artificial intelligence: a systems-theoretical analysis

Michael McCarthy, Quantifying supraglacial debris thickness at local to regional scales

Hannah Meyer, Genetic association of high-dimensional traits

Milhan Ikram Mohamed, Unravelling the rule against the discrimination of fields of technology under the patent rules of the TRIPS Agreement

Evelyn Mwangi, "The power to flourish: unearthing the diverse roots of Kenyan flower producers' market access strategies"

Muhammad Arif Naveed, Reconceptualising the role of schooling in intergenerational social mobility: patterns, perspectives and experiences from rural Pakistan

Arthur Neuberger, On the structure and function of multidrug efflux pumps

Claire Nichols, Tiny space magnets: X-ray microscopy nanopaleomagnetism of meteoritic metal

Shabeena Nosheen, Flexo electro-optic liquid crystals for phase modulation

Magdalena Olesinska, Design, synthesis and characterisation of π -extended viologen-based molecular and supramolecular complexes with cucurbit[n]urils

Simone Parisotto, Anisotropic variational models and PDEs for inverse imaging problems

Guy Pearson, Investigating the function of the hereditary spastic paraparesis protein spastin in the endomembrane system

David Pell, Statistical models for estimating the intake of nutrients and foods from complex survey data

Jack Prescott, Interrogating novel functions of the I kappa B kinases via CRISPR-Cas9 gene editing and small molecule inhibition

Cai Read, The identification and pharmacological characterisation of novel apelin receptor agonists *in vitro* and *in vivo*

Frederick Richards, Global analysis of predicted and observed dynamic topography

Elly Robson, Improvement and environmental conflict in the northern fens, 1560-1665

Miikka Ruokanen, The Trinitarian doctrine of Grace in Martin Luther's the Bondage of the Will

Ainur Seitkan, Environmental mineralogy of gold recovery from refractory gold-arsenic-bearing Bakyrchik concentrates

Abhimanyu Kumar Sharma, Language policies in the European Union and India: a comparative study

Amarjot Singh, ScatterNet hybrid frameworks for deep learning

Garth Stahl, White working-class boys' negotiations of school experience and engagement

Benjamin Stenton, Metal mediated mechanisms of drug release

Miles Stopher, Hydrogen embrittlement in nuclear and bearing applications: from quantum mechanics to thermokinetics and alloy design

Raymond Tangonyire, Exploring the incorporation of the leadership for learning (LfL) principles in Ghana: the case of to LfL basic schools in the centre region

Jack Thorley, The life history of Damaraland mole-rats *Fukomys damarensis*: growth, ageing and behaviour

Jennifer Woods, Dyke-induced earthquakes during the 2014-15 Bárðarbunga-Holuhraun rifting event, Iceland

Xiao Xiao, Isogeometric design, analysis and optimisation of lattice-skin structures

Zhongyang Xing, DNA scaffolds for functional hydrogels

Wenduan Xu, Structured learning with inexact search: advances in shift-reduce CCG parsing

Teng Yi, Progress towards GAAS multiplexed single-electron pump arrays

Cen Zhang, An investigation of carbon nanotube synthesis: modelling and experiments

Minjae Zoh, The impacts of authorised dictatorial discourse on heritage management – case study: South Korea's military dictatorship era 1961-1988

Mark van der Wilk, Sparse Gaussian process approximations and applications

SPREG (PhD by Special Regulation)

Anthony Bowen

Zachary Douglas

Charles Fries*

Peter Gilliver

Ranjeet Jeevan*

John Wilkinson

*Awards yet to be confirmed 

JCCS



Jesus College Cambridge Society

Committee

as of 1 October 2019

	Ms S ALLEYNE <i>(President and Chairman)</i>	(Sonita)	
<i>Officers</i>			<i>First Elected</i>
1969	C I KIRKER (Trustee)	(Christopher)	2012
1980	G R W SEARS (Trustee)	(Guy)	2018
1982	E S MORRISS (Trustee)	(Susanna)	2018
1977	J P HALSEY <i>(Hon. Secretary)</i>	(John)	2019
1971	T SLATOR <i>(Hon. Treasurer)</i>	(Tom)	2002
1976	M P HAYES <i>(Hon. Dinner Secretary)</i>	(Mark)	2014
1998	S R L STACPOOLE <i>(College Council Rep.)</i>	(Sybil)	2016
	E WILLIAMS <i>(College Council Rep.)</i>	(Emily)	2018
<i>Year Representatives</i>			
1982	K E ASHTON	(Kay)	2016-2020
1987	H J CORDELL	(Heather)	2016-2020
1987	O HIWAIZI	(Omaid)	2016-2020
2006	C G BOTHAM	(Craig)	2016-2020
1987	C J LEWIS	(Clive)	2017-2021
2001	S L GICK	(Sophie)	2017-2021
2008	D C ALLAN	(Duncan)	2017-2021
1969	D H WOOTTON	(David)	2018-2022
1979	C E GONZALEZ	(Carolina)	2018-2022
1988	M C BIENFAIT	(Mary)	2018-2022
2001	A R NEWMAN	(Anush)	2018-2022
1996	J HILTON	(James)	2019-2023
1996	K T D EAMES	(Ken)	2019-2023
1999	F A R BARRATT	(Felicity)	2019-2023
2000	N P H KING	(Nick)	2019-2023

Annual General Meeting 28 September 2019

The Annual General Meeting of the Jesus College Cambridge Society took place on Saturday 28 September 2019 in the Prioress's Room, Jesus College at 6.30pm. The Vice-Master, Professor James Clarkson, was in the chair. He welcomed everyone to the meeting and thanked them for their support for the College. Some 45 members of the Society were present. 6 existing and proposed members of the Executive Committee had sent their apologies for absence.

Minutes: The minutes of the Annual General Meeting held on 22 September 2018 were approved and signed as a correct record.

Matters Arising: none.

Secretary's Report: The Honorary Secretary reported that (a) there were 173 Jesuans and guests booked to attend the Annual Dinner; (b) in 2019 the JCCS had allocated £10,000 towards the welfare and support of the students, including £4,500 to the JCSU and £1,000 to the Graduate Hardship Fund. The College had allocated JCCS Travel Bursaries totalling £4,500 to 40 students; (c) the 2019 Annual Report was in the course of preparation and should be distributed in November. It would contain the minutes of this meeting and a report of the dinner to follow. At this point, Mark Hayes, Dinner Secretary, proposed a vote of thanks and made a presentation on behalf of the Committee to Adrian Greenwood, who was retiring as Honorary Secretary after 21 years. Adrian thanked everyone for the gifts and their support. Carrying out the role had been an honour and a privilege and he knew that he was leaving the Committee in good hands.

Annual Audited Accounts to 31/12/2018 and Treasurer's Report: The audited accounts to 31/12/2018 showed a small deficit of £579, caused mainly by the subsidy for the Westminster Abbey event of £500. Income from subscriptions was up at £4,275 (£3,810 in 2017) and dividend income was down at £4,701 (£5,160). The accumulated fund stood at £84,287 at 31/12/2018. Investments were shown at cost (£77,947) although their market value at 31/12/2018 was £82,305 (£92,799). The meeting **agreed** to receive the accounts to 31/12/2018.

Appointment of Auditor: The meeting **agreed** to appoint N.J. Mitchell F.C.A. for 2019.

Annual Dinner Arrangements for 2020: The Dinner Secretary announced that the 2020 Annual Dinner would take place in College on **Saturday 26 September 2020**. The final details would be circulated in Jesuan News in April 2020 and tickets would go on sale in May 2020. The Guest of Honour will be Adrian Greenwood (1970), following his retirement from the office of Honorary Secretary. The Dinner would take place in The Forum which is adjacent to West Court, as the Hall and kitchens would be undergoing planned re-ordering works.

Election of Officers: The meeting **agreed** to elect for one year John Halsey as Honorary Secretary, Tom Slator as Honorary Treasurer and Mark Hayes as Dinner Secretary. Tom said that this would be his last year in the role. The Committee had identified Mary Bienfait (1988) as his successor.

Executive Committee: The meeting **agreed** to elect the following as Members of the Executive Committee to serve for 4 years in succession to those retiring by rotation: Jim Hilton (1996), Ken Eames (1996), Felicity Barratt (1999) and Nick King (2000). They would serve until the AGM in 2023. The Vice-Master thanked those who were standing down after their 4-year term of office.

Any Other Business: The retiring Honorary Secretary reported that tickets for the London Reception event to be held at The Oyster Shed, off Cannon Street, London EC4



on 27 November 2019 were about to go on sale. The new Master was planning to attend. He encouraged members to attend (a) the **Spring Dinner** at the Oxford and Cambridge Club on 18 April 2020 (at which the dress code would not be 'black tie') and (b) the **Buffet Lunch** to be held in the Fellows' Garden on 13 June 2020. The Buffet Lunch was well suited to family parties as there was no limit on the number of guests. The event also coincides with the last day of the May Races. Felicity Barratt reported that the JCCS in Wales Dinner would take place on 9 May 2020 in Cardiff.

Date of 2020 AGM: 26 September in College before the Annual Dinner. The University Alumni weekend would take place from 25-27 September 2020.

Reports of JCCS Events 2018-2019

JCCS London Dinner 27 April 2019

The JCCS London Dinner took place in the Princess Marie Louise Room at The Oxford & Cambridge Club and was attended by 43 Jesuans and guests.

JCCS Buffet Lunch 15 June 2019

The 2019 Buffet Lunch was attended by 51 Jesuans and their families. Many headed to the Paddock afterwards to watch the last day of the Races.

JCCS Annual Dinner 28 September 2019

Following the Society's AGM, the Annual Dinner took place in College, where 173 members and their guests were present. The Vice-Master presided and the Guest of Honour was Mrs Margaret White (1979).

JCCS Travel Bursaries

In 2019, JCCS Travel Bursaries totalling £4500 were awarded to 40 undergraduates and graduates.

Forthcoming JCCS Events

27 November 2019	JCCS London Reception at The Oyster Shed, London
18 April 2020	JCCS Spring Dinner in the Princess Marie Louise Room at The Oxford & Cambridge Club
9 May 2020	JCCS Wales Dinner at the Hilton Hotel, Cardiff
13 June 2020	JCCS Buffet Lunch in the Fellows' Garden
26 September 2020	JCCS Annual Dinner and AGM in College Guest of Honour Mr Adrian Greenwood (1970). Final details will be published in the 2020 edition of Jesuan News and tickets will go on sale in May 2020. 

College History

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Archbishop Thomas Cranmer – A Further Truth

Peter Glazebrook

Doubts expressed in a note in the 2008 *Annual Report*¹ about the traditional account of Cranmer's membership of the College have recently been confirmed by the discovery of the records of his ordination as a priest by his latest biographer, Professor Susan Wabuda of Fordham University.²

The traditional story is traceable to the hastily produced memoir of the archbishop written by a former secretary some ten or twelve years after his martyrdom, and so some fifty years after the events in question, in which he recorded what he remembered of their conversations.³ The now elderly secretary told of how, shortly after the death of Cranmer's father, the orphan, aged 13 rising 14, had come from Nottinghamshire to the newly-founded Jesus College as an undergraduate in 1503, though he did not incept in Arts (take his BA) until 1511, when he was 22, whereupon he became a Fellow of the College, only to vacate his fellowship on marrying. He was then employed at Buckingham College (Magdalene's predecessor) to teach the young monks sent there by their monasteries to get a degree. His marriage was, however, short-lived, his wife dying in child-birth, whereupon the Fellows of Jesus invited their former colleague to return as a Fellow, which he did just before or shortly after taking his MA in the summer of 1515. He remained at Jesus, obtaining his BD in 1521, and his DD in 1526, until lured away in 1529 by Cardinal Wolsey, appointed archdeacon of Taunton and despatched to Rome in 1530 to argue "the King's Great Matter" – his divorce from Queen Katherine.

There are several difficulties with this picture of Cranmer's 25 or so years in Cambridge. First, the absence of any record of when he started his university studies. There was no matriculation requirement until 1544: a student's membership of the University began only when he took his BA, thereby becoming a 'Scholar'. And it was not until 1570 that all undergraduates had to belong to a college. In the opening years of the sixteenth century very few colleges had any undergraduate

members: King's, linked to Eton, was exceptional. Most undergraduates lived, and were tutored, in hostels; some lodged in private houses, their studies often guided by recent graduates. Second, there were no Fellows at Jesus, only a few chantry priests, until at the earliest, late in 1516. A college cannot have Fellows until it has statutes to govern their election. Jesus did not receive its first statutes (from Bishop West) until the late spring or summer of 1516, and Cranmer's name does not occur in the first list of Fellows (which included the chantry priests) in the bishop of Ely's register for 1517 nor in any subsequent year.⁴ Third, had Cranmer been a chantry priest he could not subsequently have married.

The ordination records uncovered by Wabuda do, however, enable the construction of a more plausible, and more conventional, account of his first 15 years in Cambridge while preserving other aspects of the traditional story, including his connections with both Jesus and Buckingham colleges. He was ordained at York (so in his home diocese) sub-deacon in March, deacon in April and priest in June 1515 – that is, immediately after he had completed the requirements for his MA and just before being admitted to that degree. (This is five years' earlier than the 2008 Note surmised). His first wife must, therefore, have died no later than 1514. And, equally, significantly, he was ordained on the title (a paid church post) not of any college fellowship, but of the Benedictine abbey at Colchester in Essex, one of the East Anglian monasteries that sent their monks to Buckingham College and one with which a Nottinghamshire man was otherwise unlikely to have had any connection. (Monks from most monasteries in other parts of England went to one of the three Benedictine colleges/hostels in Oxford.)

It seems reasonable, therefore, to infer that it was in the second or third years (1513-14) of his MA course that Cranmer (perhaps then nearly 23) married and began teaching the undergraduate monks, and that early in 1515, after his wife's death, this arrangement was expected to continue.

And if, after taking his MA, he expected to remain in Cambridge, he would then for the next three years also be required to discharge the duties of a ‘regent master’. These were to give public lectures to students, passing on to the next generation the learning about the set texts that had been passed on to the lecturer. A diligent regent master would, no doubt, add some thoughts of his own.

This, the medieval, system of university teaching was, in the last decades of the fifteenth and the first of the sixteenth, being supplemented by several salaried lectureships/readerships (the terms were synonymous) for the benefit of both undergraduate and graduate students. Among them was one in Theology endowed in 1506 by Sir John Rysley (a close adviser of Henry VII) and Dr John Batmanson (a leading London lawyer whose clients included the King’s mother). The endowment of the lectureship, and appointment to it, was vested in the Master of the embryonic Jesus College.⁵ It is not known when it was first filled, but it may not have been before the College was fully up and running (1517) for it was envisaged that the lecturer’s audience would include its Fellows, Theology being a subject for graduate rather than undergraduate students.⁶ Cranmer certainly held this lectureship and may have been the first person to do so. In 1517 he was entering his third and final year of ‘regency’ and was, by the standards of the time, an experienced university teacher having been tutoring Buckingham College’s monks for several years. He lived in Jesus,⁷ not as a Fellow, for he had a decent salary⁸ – fellowships were for poor graduate students,⁹ – but as a ‘perendinant’ paying for his own board and renting one of the better rooms,¹⁰ yet nonetheless a Jesuan.¹¹

But if Cranmer had not previously been a Jesus undergraduate, chantry priest or Fellow, can he have been, as the traditional story has it, ‘returning’ to his old college, ‘welcomed back’ by old friends, the Master and Fellows? The answer may well be ‘yes’, and the explanation to lie in the long period, the eight years, between his arrival in Cambridge and his taking his BA, twice as long that stipulated by the University’s statutes.

Wabuda suggests that he may have had to interrupt his undergraduate studies to take a job to support his wife. This, however, is to assume that the marriage took place sometime before he first graduated, aged 22, in 1511, rather than in the next three years while he was studying for the MA, as the traditional story about the vacated

fellowship implies. And, according to that story, the marriage was tragically brief, lasting no more than a year. It can scarcely account for all of those four extra years.

There is another, and more likely, explanation. It should not be assumed that when, after his father’s death, the thirteen-, rising fourteen-, year old was, with a view to studying in the University, sent to Cambridge that he began those studies at once, as the modern undergraduate does, in the first week of a Michaelmas term. One of his mother’s relatives was married to the innkeeper of the Dolphin, and he was to stay with her and, surely, to lend a helping hand in return for his keep. Moreover, his Latin, the medium of university instruction and examination, may not yet have been up to scratch. There are hints in both his secretary’s and another early memoir that Cranmer’s schooling in Nottinghamshire left him poorly prepared for Cambridge, his teachers there being “a rude parish clerk” and a cruel schoolmaster who “appalled, dulled and daunted” his pupils.¹²

A remedy was, however, to hand.

At the other end of Jesus Lane from the Dolphin, a new and, all importantly, a free grammar school taking day boys was already part of the embryonic college projected by Bishop Alcock and his namesake, the archdeacon.¹³ It had been endowed by Lady Katherine Bray, someone else closely associated with the King’s and the King’s mother’s inner circles. And if, having polished up his Latin at the Jesus Grammar School, Cranmer had begun attending university lectures while still living (and helping) at the Dolphin, it may well have been there that he fell in love – as an early reference to his wife suggests. While if his studies had been guided by one or more of the graduate chantry priests already at the College, he would have been well known there when its Theology lectureship came to be filled.

Cranmer may not have been the only protestant reformer whose first connection with the College was with its grammar school. John Bale, polemicist, playwright, historian and future bishop of Ossory, has often been claimed as a Jesuan. As a young friar he was sent by the Norwich Carmelites to Cambridge and he must, as Professor Rex has argued, lived with his brethren at the Carmelite friary near Queens’.¹⁴ But his Latin too may have been in need of some burnishing which it may have received at the Jesus School.

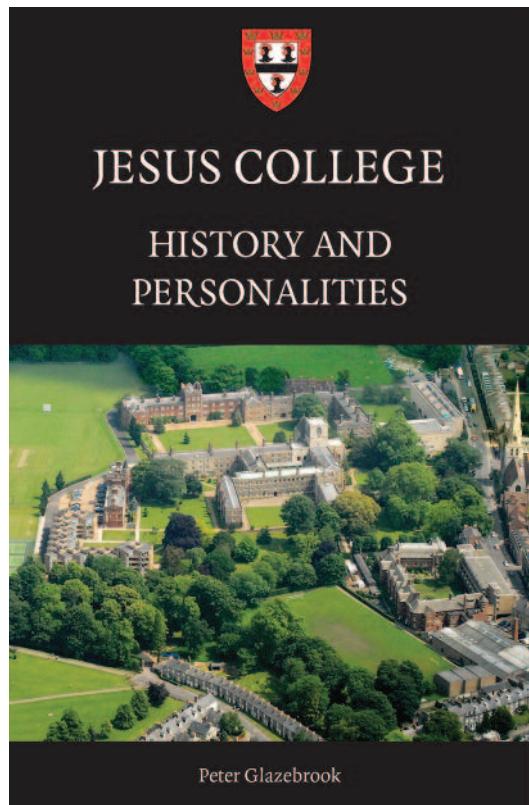
Footnotes

- 1 Pages 14-19.
- 2 *Thomas Cranmer* (London 2017) 24-27.
- 3 J.G. Nichols (ed.) *Narratives of the Days of the Reformation*, Camden Society, 1st series, vol. 77 (1849) 235-7, 272.
- 4 The 1522 list of taxpayers (those liable to that year's subsidy) is a list of residents, not of Fellows.
- 5 *Earliest Statutes* (ed. A. Gray) chap. xxii.
- 6 *Statutes of 1549/1559*, Chap xxxi (repealed 1559).
- 7 Note 4, above.
- 8 32 marks a year: *Earliest Statutes*, chap. xxii.
- 9 *Earliest Statutes*, chap. xii.
- 10 *Ibid.* chap. xxii.
- 11 Nichols (note 3), 240.
- 12 Nichols, 239 and note 7-29. They may have been the same person.
- 13 Peter Glazebrook, 'Grammar School and College' (ed.) *Annual Report* 2009.
- 14 John Bale, Geoffrey Downes and Jesus College', 49
Jo. of Ecclesiastical History (1798) 486-93; ODNB.



Close-up of a woman, identified by Robert Athol, College Archivist, as possibly being Katherine Bray, from a painting titled 'Sir Reginald Bray holding keys at marriage of Henry VII', c.1500, Private Collection. With her husband being significant in the households of Lady Margaret Beaufort and Henry VII, and as a close friend and lady in waiting to Elizabeth of York herself, it is likely that alongside her husband, Katherine Bray would also have been depicted as having been present at the marriage of Henry VII and Elizabeth. The symbols on the woman's bodice are very close in appearance to the eagles legs used in the coat of arms of Reginald Bray, an image of which can be found in the stained glass at Malvern Priory.

Over Five Hundred Years of History & Eight Personalities



JESUS COLLEGE HISTORY AND PERSONALITIES

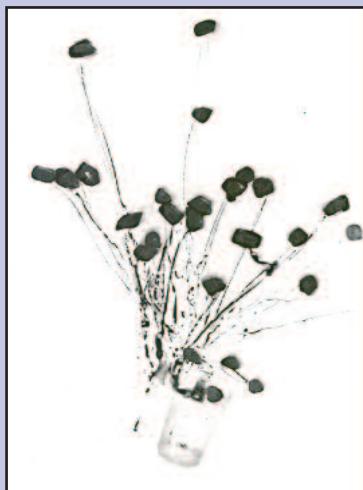
by Peter Glazebrook
Emeritus Fellow

This fully illustrated 64 page booklet is available for those who want to know something, but not too much, about the College and its more notable members.

Copies are only £5 (free P&P in the UK)
by emailing development@jesus.cam.ac.uk

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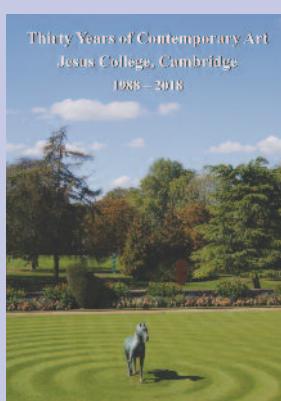
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by Jean Bacon and Jim Roseblade

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Tel: +44 (0)1223 339301 or E-mail: development@jesus.cam.ac.uk

Jocelyn Galsworthy



Cricket on the Green, Jesus College, Cambridge
Original painting by Jocelyn Galsworthy

The painting was commissioned in 2010 by the then Jesus Cricket Captain who has decided to have some prints made and signed by the artist.

All proceeds from this project have been used to set up a fund which has purchased full wicket covers.

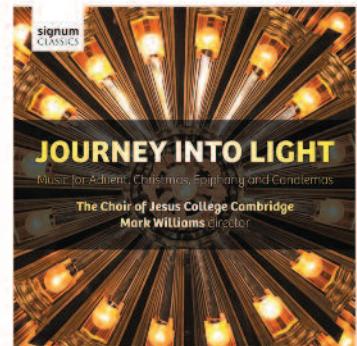
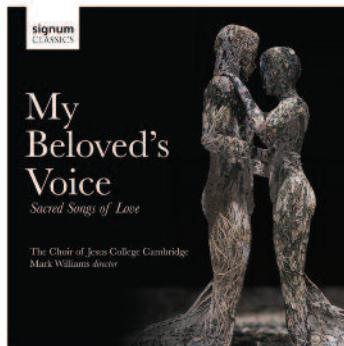
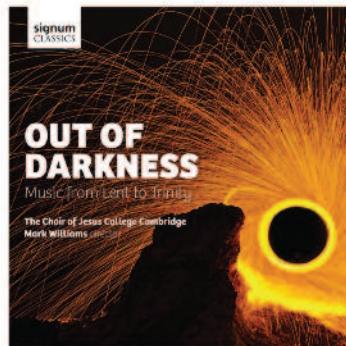
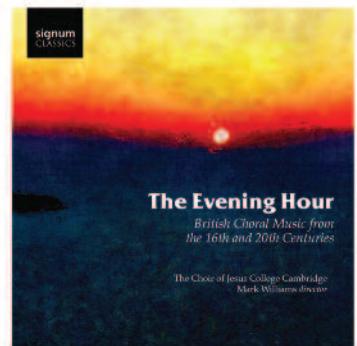
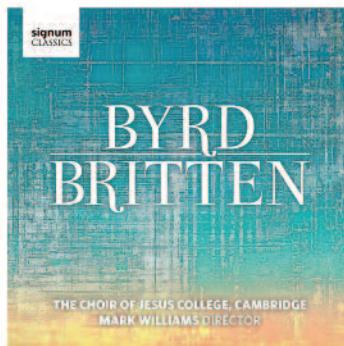
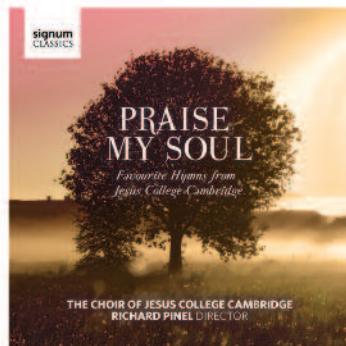
Further funds raised will be used to acquire additional club equipment and machinery.

If you wish to purchase one of these signed prints, limited to 200, please send a cheque for £137 (£125 per unframed print + £12 p&p) made payable to 'D. Allan re Jesus Cricket' along with your postage address to Duncan Allan, Bugsell Park, Bugsell Lane, Robertsbridge, East Sussex TN32 5EN.

About Jocelyn Galsworthy

Jocelyn Galsworthy has been painting professionally for fifty years and is particularly well known for her portraiture and her highly acclaimed paintings of English and International cricket scenes. She has gained an enviable reputation as an outstanding cricketing artist and has travelled the world painting Test Matches as well as county, village, school and club grounds. The woman in the white hat, sitting on the boundary, recording matches for posterity, has now become a part of the cricket scene.

RECORDINGS OF THE CHOIR OF JESUS COLLEGE CAMBRIDGE



“ No praise could be too high for the choristers ”
The Independent

“ The Choir of Jesus College Cambridge sings beautifully ”
Classic FM

“ Full, rich sounds ”
Gramophone Magazine

“ ★★★★ ”
BBC Music Magazine

Available from Jesus College Porters' Lodge, online at
www.jesuscollegechoir.com, or from Amazon, iTunes and major retailers

CARDS AND PRINTS

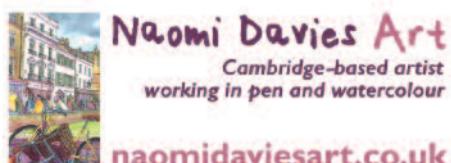
BY NAOMI DAVIES

Well known Cambridge artist Naomi Davies (née Williams, 1987) was commissioned to paint pen and watercolours of the College which are available as greetings cards, tea towels and limited edition giclée prints.



Available to order from the College website:
www.jesus.cam.ac.uk/alumni/gift-shop

More of Naomi's work featuring Cambridge and bicycles can be found on her website.



VISIT OUR ONLINE GIFT SHOP

www.jesus.cam.ac.uk/alumni/gift-shop



We are very pleased to be able to offer a wide range of gifts and mementoes including cufflinks, pins, coasters, tote bags, paper weights, tea towels, silk ties, prints, books, CD recordings of the Choirs of Jesus College, and the College flag.

Our new cuddly teddy bear and embossed Moleskine notebooks are now on sale too!

You can also purchase any of these items by phone on +44 (0) 1223 339301 or by dropping into the Porters' Lodge when you next visit College.

*Please contact the Development and Alumni Relations Office
at development@jesus.cam.ac.uk
for information on overseas posting or bulk orders*



JESUS COLLEGE CAMBRIDGE

Donation Form

Title: Full Name: Matriculation year:

Address:

Post Code:

Telephone: Email Address:

GIVING ONLINE

You can set up a regular or single gift online by visiting www.jesus.cam.ac.uk/alumni/giving/how-give

DONATE DIRECTLY

I would like to make a donation to the College and have completed the donation form overleaf.

If you would like to direct your support to a particular area please indicate this below:

<input type="checkbox"/> Undergraduate Support	<input type="checkbox"/> Outreach & Widening Participation
<input type="checkbox"/> Academic Support (Teaching & Research)	<input type="checkbox"/> Graduate Student Support
<input type="checkbox"/> Library	<input type="checkbox"/> Buildings & Facilities
<input type="checkbox"/> Works of Art	<input type="checkbox"/> Chapel
<input type="checkbox"/> Other (please specify):	<input type="checkbox"/> Choir

The names of all donors are acknowledged from time to time in College publications.

If you **do not** wish your name to appear, please tick this box

GIFT AID DECLARATION (UK TAXPAYERS ONLY)

In order to Gift Aid your donation you must tick the box below:

I want to Gift Aid my donation of £_____ and any donations I make in the future or have made in the past 4 years to Jesus College Cambridge. I am a UK taxpayer and understand that if I pay less Income Tax and/or Capital Gains Tax than the amount of Gift Aid claimed on all my donations in that tax year it is my responsibility to pay any difference.

Signature: Date:

Please notify us if you: (a) Want to cancel this declaration; (b) Change your name or home address; (c) No longer pay sufficient tax on your income and/or capital gains. If you pay Income Tax at the higher or additional rate and want to receive the additional tax relief due to you, you must include all your Gift Aid donations on your Self Assessment tax return or ask HM Revenue and Customs to adjust your tax code.

When completed please return this form to:

The Development Office, Jesus College, Cambridge, CB5 8BL
Please do not send this form directly to your bank.

We are committed to protecting your personal information and being transparent about what information we hold. Your data is used by us for alumni and supporter relations, and for fundraising. Please read our full data protection statement at: <https://www.jesus.cam.ac.uk/alumni/giving/data-protection-policy>

Tel: +44 (0)1223 339301 | E-mail: development@jesus.cam.ac.uk | Website: <https://www.jesus.cam.ac.uk/alumni/giving/how-give>

Jesus College Registered Charity Number 1137462 | Registered with the Fundraising Regulator

REGULAR GIFT – Direct Debit *Please detach and retain the Direct Debit Guarantee at the bottom of this page.*

I wish to make regular donations to Jesus College via Direct Debit and have completed the mandate below.

I would like to make a monthly / quarterly / yearly * gift of £ commencing on 1st / 15th * day of in the year until further notice/for years.

*Please delete as appropriate.

To the Manager of my Bank/Building Society

Bank Address:

Bank Postcode: Name(s) of Account Holder(s):

Account Number: Sort Code:

Instruction to your bank or building society: Please pay CTT Charity Payments Direct Debits from the account detailed in this instruction subject to the safeguards assured by the Direct Debit Guarantee. (CTT Charity Payments process Direct Debits on behalf of Jesus College). I understand that this instruction may remain with CTT Charity Payments and if so, details will be passed electronically to my Bank/Building Society. Banks and Building Societies may not accept Direct Debit Instructions from some types of account. For your information the collections will be made using the Service User Number 277937.

Signature: Date:

REGULAR GIFT – Standing Order

I wish to set up a standing order to the College. Please send me details about how to do so.

SINGLE GIFT

I enclose a cheque/CAF voucher payable to “Jesus College Cambridge” for £.....

I have made a bank transfer of £..... and notified the Development Office via email/telephone.

Bank: Barclays Bank PLC, 35 Sidney Street, Cambridge, CB2 3HY, UK | Sort code: 20-17-68

Account Name: Jesus College Development Campaign | Account number: 40055069

IBAN: GB46 BARC 2017 6840 0550 69 | SWIFTBIC: BARCGB22

I wish to donate by credit/debit card the sum of £.....

Card Type: Visa Mastercard Solo Maestro/Switch

Card Number: Security Code: (on reverse of card)

Start Date: End Date: Issue No:

Signature: Date:

MAKING YOUR GIFT GO FURTHER

I wish to give via my company's Payroll Giving Scheme and I have contacted my HR department.

Please send me details of how to make a gift of stocks and shares.

My company will match my gift; I will forward the appropriate forms to you.

LEAVING A LEGACY

I would like more information on leaving a legacy in my Will to Jesus College.

The Direct Debit Guarantee

- This Guarantee is offered by all banks and building societies that accept instructions to pay Direct Debits.
- If there are any changes to the amount, date or frequency of your Direct Debit, CTT Charity Payments will notify you 10 working days in advance of your account being debited or as otherwise agreed. If you request CTT Charity Payments to collect a payment, confirmation of the amount and date will be given to you at the time of the request.
- If an error is made in the payment of your Direct Debit, by CTT Charity Payments or your bank or building society, you are entitled to a full and immediate refund of the amount paid from your bank or building society.
- If you receive a refund you are not entitled to, you must pay it back when CTT Charity Payments asks you to.
- You can cancel a Direct Debit at any time by simply contacting your bank or building society. Written confirmation may be required. Please also notify us.





Data Protection Statement

How we use your personal information

This statement explains how Jesus College (“we” and “our”) handles and uses data we collect about alumni (“you” and “your”). In broad terms, we use your data to manage the ongoing relationship between the College and you as part of our lifelong community of scholars, including keeping in touch with you, keeping up to date on your achievements, and engaging with you on how you can continue to contribute to College life and otherwise support the College.

We will retain your data indefinitely or until you request us to do otherwise. When changes are made to this statement, we will publish the updated version to our website and notify you by other communications channels as we deem appropriate or necessary.

The controller for your personal data is Jesus College, Cambridge CB5 8BL. The person responsible for data protection at the time of issue, and the person who is responsible for monitoring compliance with relevant legislation in relation to the protection of personal data, is the Bursar, Dr Richard Anthony (bursar@jesus.cam.ac.uk).

The legal basis for processing your personal data is that it is necessary for the purposes of our legitimate interests, where we have concluded that our interests do not impact inappropriately on your fundamental rights and freedoms, except where elsewhere in this statement we have indicated otherwise. You may ask us to explain our rationale at any time.

How your data is used by the College

We collect and process your personal data, as specified below, for a number of purposes, including:

- A. maintaining a formal record of your academic progress and achievements at the College and the University of Cambridge and elsewhere;
- B. retaining a formal record of your career or other life achievements in order to promote and improve the reputation of the College and help you to network with other College members effectively;
- C. engaging you in College and University events that we believe will be of interest to you, including alumni and open events, volunteering opportunities, and other ways you can contribute to the life of the College;
- D. providing you with information about College life and the development of the College, including major initiatives and programmes relating to either the academic endeavour or the provision of services and facilities to members and the wider public;
- E. encouraging you to make a financial contribution to the College and/or the University, and processing any such contributions;
- F. assessing the likelihood that you will, now or in the future, make a financial contribution (gift) to the College;
- G. promoting third party services we believe will be of interest to you.

Further details are provided in the Annex. If you have concerns or queries about any of these purposes, or how we communicate with you, please contact us at the address given above.

Communications

If you are a new contact for our Development and Alumni Relations Office, we will ask you at the outset how you would like to receive news and other communications from us. If you are already receiving such communications, you may change your preferences or ask us to stop sending you news and other communications completely by contacting the Development and Alumni Relations Office (development@jesus.cam.ac.uk). You may request changes at any time.

How we share your personal data

We believe that most alumni understand in detail the complex and many interactions of the College with the University of Cambridge. Personal data of our members is shared with the University routinely throughout any course of study, and it is our strong preference to continue such collaborative working thereafter.

The University and its partners (including the College) have a data sharing agreement to govern the sharing of personal data of alumni and other supporters. This is necessary because they are distinct legal entities.

The agreement outlines that, depending on constraints set by you, and which you may change at any time, the University and College may share any of the above categories of personal data with the University, and can be viewed in full (<https://www.alumni.cam.ac.uk/data-protection>). Any transmission of data to or from the University is managed through

agreed processes which comply with UK data protection legislation.

For clarity, the College has a separate database from the University, but has access to the University's database: additionally, we maintain other electronic and paper records.

The University has its own data protection statement and procedures – see: <https://www.alumni.cam.ac.uk/data-protection>

Additionally, we share data on a considered and confidential basis, where appropriate, with:

- Cambridge in America (the University's affiliate alumni office in the US);
- selected companies who provide College-branded or College-endorsed products and services, as outlined above;
- volunteer partners closely related to us (e.g. College trustees, development board members, alumni group representatives); and
- contractors providing services to you on our behalf or services to us (our "data processors"), as outlined above.

We also facilitate communication between individual alumni (of the College or the University), but in doing so we do not release personal contact details without prior permission.

Any transfers of your data overseas or to international organisations, as set out above, are protected either by an adequacy decision by the European Commission or by standard data protection clauses adopted by the European Commission (which are available from our Data Protection Officer) or, before 25 May 2018, by a self-assessment of adequacy.

Your rights

You have the right: to ask us for access to, rectification or erasure of your data; to restrict processing (pending correction or deletion); to object to communications or direct marketing; and to ask for the transfer of your data electronically to a third party (data portability). Some of these rights are not automatic, and we reserve the right to discuss with you why we might not comply with a request from you to exercise them.

Where you opt out of all future communications or exercise your right to erasure, we will continue to maintain a core set of personal data (name, subject(s), matriculation and graduation details, unique University identification number and date of birth) to ensure we do not contact you inadvertently in future, while still maintaining our record of your academic achievements. We may also need to retain some financial records about you for statutory purposes (e.g. Gift Aid, anti-fraud and accounting matters).

You retain the right at all times to lodge a complaint about our management of your personal data with the Information Commissioner's Office at <https://ico.org.uk/concerns/>

ANNEX

We collect and process your personal data, as specified below, for a number of purposes, including:

A. Maintaining a formal record of your academic progress and achievements of the College and the University of Cambridge and elsewhere:

We retain personal data (provided by you or by the University of Cambridge, or created by us), including:

- i) your current name and any previous names you have had;
- ii) unique personal identifiers (e.g. student number, CRSSID, date of birth, photograph);
- iii) your current and previous contact details;
- iv) your application details, our assessment of your application and the details of any offer(s) of study we have made;
- v) records of your academic provision from the College (including supervisions, College examinations and other academic support);
- vi) matriculation and graduation details and records of your academic qualifications (including those prior to becoming a member of the College);
- vii) other details of your academic progress or achievement (e.g. College or University awards or prizes).

B. Retaining a formal record of your academic, career or other life achievements in order to promote and improve the reputation of the College and help you to network with other College members effectively:

We retain personal data (provided by you), including:

- i) details of your achievements since you completed your course(s) of study;
- ii) membership of College and external clubs and societies (including alumni groups);
- iii) your previous and current employment status (including retirement), including job title, sector, income and work contact details, dates of employment.

When you provide this information, we will assume (unless you notify us otherwise) that we can promote these achievements in our public literature, and can use this information for other purposes outlined in this statement. We may supplement information from other public sources that we consider to be reliable (e.g. your public social media profile(s), Queen's Honours List, Companies House, high profile news reports or articles) and may check their accuracy with you from time to time.

C. Engaging you in College and University events that we believe will be of interest to you, including alumni and open events, volunteering opportunities, and other ways you can contribute to the life of the College:

We retain personal data (provided by you or by the University of Cambridge, or created by us), including:

- i) known relationships with other members (past or present) of the University of Cambridge or any of the Colleges;
- ii) your previous attendance at College or University events;
- iii) information about your areas of personal interest;
- iv) personal data relating to your attendance at events and your personal preferences (e.g. dietary or accommodation requirements or requests);
- v) records of any communications (verbal or written) we have had with you, including the purpose and outcome of those communications.

When you provide this information, we will assume (unless you notify us otherwise) that we can use this information for other purposes outlined in this statement. We may supplement information from other public sources that we consider to be reliable (e.g. your public social media profile(s), University publications, high profile news reports or articles) and may check their accuracy with you from time to time.

D. Providing you with information about the development of the College, including major initiatives and programmes relating to either the academic endeavour or the provision of services and facilities to members and the wider public:

We retain personal data (provided by you or by the University of Cambridge, or created by us), including:

- i) any communication preferences confirmed by you;
- ii) ways in which you have supported the College.

By providing us with email addresses and telephone numbers, we have taken this to be consent to use those channels to contact you for this and other purposes outlined in this statement, unless you have expressed your preferred communication channels. When you provide this information, we will assume (unless you notify us otherwise) that we can use this information for other purposes outlined in this statement.

E. Encouraging you to make a financial contribution to the College and/or the University, and processing any such contributions:

The College's income consists of gifts and benefactions, income derived from prudent investment of any endowment and student fees. We value any financial contribution from our members and, accordingly, retain personal data (provided by you or by the University of Cambridge, or created by us), including:

- i) the purposes and amounts of any donations or other support previously provided to the University or the College by you;
- ii) the method(s) of payments used and related payment references;
- iii) your bank details (for processing direct debit or other financial transactions);
- iv) your tax status and Gift Aid declaration.

Some of this financial information needs to be retained for statutory purposes for a number of years (e.g. Gift Aid, anti-fraud and accounting matters). When you provide this information, we will assume (unless you notify us otherwise) that we can use this information for other purposes outlined in this statement.

F. Assessing the likelihood that you will, now or in the future, make a financial contribution (gift) to the College:

The College undertakes research to determine your capacity to provide financial support. This results in us creating and using personal data including:

- i) your estimated income or asset worth (where this is not provided by you);
- ii) your potential capacity to make a gift, including our internal classification of you as a major gift prospect which is determined by a combination of your giving history, your attendance at College and University events, and your other interactions with the College since you graduated, including any positive or negative indications from you about your capacity or willingness to give to the College;

- iii) gifts you have made to other charitable organisations.

Our research includes incorporating information from public sources that we consider to be reliable (e.g. your public social media profile(s), Queen's Honours List, Companies House, high profile news reports or articles). In using these sources, we have considered the potential intrusion of your privacy. In most cases, our assessment above aims to exclude you from unwelcome or inappropriate approaches so as not to compromise your ongoing relationship with us.

G. Promoting third party services we believe will be of interest to you:

We retain personal data (provided by you), including:

- i) any preferences to be excluded from such services.

We do not sell your personal data under any circumstances.

If you have concerns or queries about any of these purposes, or how we communicate with you, please contact us.

<https://www.jesus.cam.ac.uk/college/about-us/data-protection>



Jesus College Records Update

Name: _____

Matriculation year: _____

(new) Address: _____

(new) Telephone no: _____

(new) Mobile no: _____

(new) E-mail address: _____

News: _____

Please return to:

The Development and Alumni Relations Office
Jesus College
Cambridge
CB5 8BL

e-mail: development@jesus.cam.ac.uk





Jesus College's hospitality goes from strength to strength and the College regularly hosts both residential and non-residential functions of all sizes, from private celebrations to club meetings to major corporate and international events.

The West Court development has enhanced the facilities available offering a state of the art lecture theatre, traditional and executive meeting spaces, and luxury accommodation available all year round.

Old Members are warmly encouraged to discuss any such requirements with a member of the conference and events team, by post, email (conference@jesus.cam.ac.uk) or telephone (01223 760524).

Further information on the facilities available is obtainable on the College conference & events website:
www.jesus.cam.ac.uk/conferences

