‘It’s certainly an unusual honour and a distinction that a college bearing my name should be added to the ancient and renowned foundations which together form the University of Cambridge.’

Sir Winston Churchill, 17 October, 1959
The young Mary Soames with her father on the steps of Chartwell (1924), Churchill Archives CHPH IA F2 008
CONTENTS

EDITORIAL ................................................................. ................................................................. 7

FROM THE MASTER................................................................. .................................................. 11

THE COLLEGE YEAR .................................................................................................................. 17
Churchill’s First Virtual Senior Tutor
Senior Tutor’s Report ................................................................. .................................................. 19

Uncertain Future
Senior Postgraduate Tutor’s Report ................................................................. .................................. 25

Grateful to our Donors
Bursar’s Report ................................................................. .......................................................... 27

An Unusual Year
Domestic Bursar’s Report ................................................................. ........................................... 29

Reflections on a Year of Planned and Unplanned Change
Director of the Archives Centre’s Report ................................................................. .................................. 31

A Year of Two Halves
CEO of the Møller Institute’s Report ................................................................. .................................. 33

The Best of Times and the Worst of Times?
Development Director’s Report ................................................................. ........................................ 37

Donations ................................................................................................................................. 43

SPOTLIGHT ON …
THE CHURCHILL COMMUNITY AND COVID ................................................................. 63

The Good, the Bad and the Ugly
The Media in the Time of COVID: Some Personal Reflections ................................................................. 65

Busier than Ever
The Lockdown of an Economist ................................................................. ........................................... 69

The Effectiveness of New Ways of Working
Supporting Manufacturing Responses to COVID ................................................................. .................................. 73
 Ensuring Everyone is at Home at Churchill
 JCR President’s Report .......................................................... 117

 The Feeling of Community is as Strong as Ever
 MCR President’s Report .......................................................... 119

 A Hugely Successful Year
 Churchill Football ................................................................. 121

 The Grit and Passion of the Churchill Rugby Team
 Churchill Rugby ................................................................. 124

 FEATURES .............................................................................. 127

 A Diplomatic Master
 Remembering John Boyd ..................................................... 129

 A Teacher of Genius, an Intellectual Star
 Remembering George Steiner ................................................ 135

 Gillian Secrett – A portrait ................................................... 143

 A Psychological Vaccine Against Misinformation
 Bad News – An Online Interactive Game .............................. 151

 Designing from Memory
 The New Graduate Housing at Churchill .............................. 155

 Never Mind the Knighthoods …
 Churchillians on Desert Island Discs ................................... 159

 An Exceptional Period in my Life
 Recollections of a 1972 UG .................................................. 163

 Churchill – The Place to Be
 My Life at Churchill ............................................................. 165
FRIENDSHIP AND FELLOWSHIP ................................................................................. 167

Friendship, Fellowship and Seaweed-Eating Sheep
Churchill College Association’s Chair’s Report .................................................. 169

Il Faut Cultiver Notre Jardin
Mike Laycock ........................................................................................................ 172

A Tale in the Times of COVID
Alice Toby-Brant .................................................................................................... 174

MEMBERS’ NEWS .................................................................................................. 177

WHO’S WHO AT CHURCHILL 2019–2020 .......................................................... 185

IN MEMORIAM ..................................................................................................... 205
EDITORIAL

What a year we’ve had! Unexpected, unprecedented, unusual are three adjectives that spring to mind to qualify 2020 – a year like no other in the College’s history, a year dominated by the pandemic, lockdown and working/studying at a distance and also by Black Lives Matter protests throughout the world following the death of George Floyd in Minneapolis.

In her (Acting) Senior Tutor’s annual report, Dr Lisa Jardine-Wright explains that examinations had to be conducted online and so had graduation. When COVID struck and lockdown was declared, the majority of our students went back home whether in the UK or abroad with only a few staying in College because they were unable to do so.

Both the Master and Dr Lisa Jardine-Wright comment on the Churchill community spirit. Lisa outlines the importance of staying in touch virtually and of adapting to new ways of teaching and examining. She also reports that many of our students have exceeded our expectations and have been awarded prizes within their departments – although many results are yet to be received.

This year the Spotlight is on COVID (what else?) and the hard work being done by the Churchill Community to both manage and inform about the COVID pandemic. Professor Sir David Spielgelhalter, very much in demand as a renowned statistician during the pandemic, reflects on the Good, the Bad and the Ugly of the media in the time of COVID. Professor Diane Coyle, having wide experience of how the economy works, explains the work she has been doing during lockdown and how very busy she has found herself. Professor Tim Minshall tells us what the Institute for Manufacturing has done to respond to the COVID crisis, and especially how to apply engineering problem-solving skills and know-how to provide help and support locally, nationally and internationally. Dr Claudia Schneider and Dr Sarah Dryhurst, psychologists at the Winton Centre for Risk and Evidence Communication, affirm that context is vital in communicating anything to people – and especially so when communicating numbers or statistics. Dr Christophe Gagne, Senior Language Teaching Officer, gives us a truthful and candid account of teaching French online. This is followed by reflections on learning online and adapting to change during lockdown on the part of Hannah Saint, a first-year MML
student and Nick Barber, a PhD student in Earth Sciences. And finally, we report on Tom Willers, one of our Hospitality Porters, going beyond the call of duty to support the Churchill Community by staying on site as our resident caretaker during lockdown.

There were many more Churchillians who have made an impact during these extraordinary times. But limitation of space means that we cannot include everyone. Let us mention for example, Churchill student Charles Ebert working with Public Health England and the NHS on several projects relating to responding to the coronavirus response; Yonatan Grad, Alumnus and assistant professor of immunology and infectious diseases at the Harvard Chan School, contributing to an op-ed in the Washington Post on what society needs to know before ending social distancing; Tanya Mulaka, one of our College Bedders, sewing 400 protective masks from fabric we had at the College; Alumnus Charlie Wartnaby doing part-time software development creating a low-cost ventilator to provide life support for anyone who needs it; Fellow Dr Ronan Daly, co-leading the development of the ‘Active Ventilator Sharing Device’, which it is hoped could eventually halve the number of ventilators needed during another pandemic.

The College Events section begins with the Master in Conversation with Professor Dame Nancy Rothwell where we learn about the life and career of one of the UK’s foremost scientists. This is followed by an account of an evening celebrating what would have been the 100th birthday of Sir Hermann Bondi, with Professor Sir Mike Gregory and Paula Laycock remembering Sir Hermann fondly whilst Professor Archie Howie contributes a poem celebrating Sir Hermann’s qualities as a mathematician, humanist and raconteur. Sir John Boyd, our fifth Master, left us on 18 October 2019 and the College gathered to pay tribute to Sir John – his impact on the College and his legacy, which is remembered fondly by Professor Archie Howie, who describes him as a ‘many-faceted man’. Shelley Surtees writes on a discussion between Dame Polly Courtice and Churchill staff and Fellows on the thorny subject of sustainability. Dr Lise Butler reviews Dr Peter Sloman’s book Transfer State: A History of Guaranteed Income and the Politics of Redistribution in Modern Britain. Annabel Busher reports on the second Churchill Enterprise ‘Pitch to Win’ competition, which is aimed at encouraging Churchillians to develop their pitching skills. Allen Packwood tells us that the Eighteenth Stephen Roskill Memorial Lecture delivered by Professor David Reynolds
revealed the nuance and the motivations behind the Yalta decisions. And finally, Lauren Thomas reports that on 12 February 2020 – the last event to take place before lockdown – the Master was in conversation with Angela Saini, an award-winning science journalist, author and broadcaster.

This year’s Student Life is shorter than in previous years in terms of reports because of the pandemic, however in both football and rugby our students did exceptionally well with James Burdoch reporting that this year has been a hugely successful year for the Churchill College football team and Jack Salvesen talking about the grit and passion of the Churchill Rugby Team.

The Features section opens with Jennifer Brook, giving us a wonderful tribute on Sir John Boyd and a detailed account of what he did for the College over his ten years’ tenure as Master, concluding that Sir John, a very popular, much loved, respected and fair Master was indeed a diplomatic Master. On 3 February 2020, the College lost George Steiner, a teacher of genius, an intellectual star according to alumnus Richard Holmes, a student of George Steiner during his time at Churchill, who paints a fond portrait of a complex, driven, contradictory and fascinating man. In Gillian Secrett – A portrait many Churchillians pay tribute to Gillian who left the Møller Institute after twenty-two years at the helm as CEO. Dr Jon Roozenbeek and Dr Sander van der Linden, both social psychologists, explain the importance of combatting online misinformation especially in a time of crisis like the coronavirus global pandemic and how they went about it – creating an online game called Bad News. In Designing from Memory architects and alumni Simon Tucker and Priscilla Fernandes discuss the design process for our stunning and recently completed graduate housing. In Never Mind the Knighthoods… Professor Mark Goldie gives us a peep into those Churchillians famous enough to have appeared on Desert Island Discs. And finally, two alumni – David Banks and Sangjin Lee – reminisce about their times at Churchill College with the former calling his experience An Exceptional Period in My Life and the latter asserting that Churchill is The Place to Be.

In Friendship and Fellowship Andrew Stephenson, Chair of the Association reflects on a successful year and ponders the future. And the Churchill Writing Group offers us two excellent pieces, one by Mike Laycock entitled Il Faut Cultiver Notre Jardin (or Candide and the Coronavirus Pandemic) and the other by Alice Toby-Brant entitled A Tale in the Times of COVID-19.
This is followed as usual by Members’ News – the many Churchillians’ achievements this past year, Who’s Who at Churchill and finally the Review closes with ‘In Memoriam’ and tributes to some of our most prominent members.

I take this opportunity to give my thanks to the Development Office and especially to Elizabeth McWilliams with her help with proof-reading; to the Vice-Master and Helen Johnson for their help with the Who’s Who section. And as usual my deepest and most grateful thanks go to Paula Laycock for taking responsibility for all the Review photos during what has been a difficult year.

Anny King

Erratum: We would like to apologise to Patricia Wright for describing Professor Alison Finch as ‘the second woman to be elected as a Fellow’ instead of writing ‘one of the two women to be elected as Fellows’ in last year’s Review piece The Inspirational of the International (Churchill Review, Volume 56, 2019, p.91)
FROM THE MASTER
‘Girls are capable of doing everything men are capable of doing. Sometimes they have more imagination than men.’

Katherine Johnson
FROM THE MASTER

I write from a still sadly empty College, but lockdown is starting to ease, at least for now. This time last year I prefaced my piece for the Review with ‘These are uncertain times. Although the gap between when I write this and when you read it will be several months, I don’t think that statement is likely to have changed much.’ Although at the time I was referring to the issue of Brexit, the words apply just as well today, only now we have not only the prospect of a no-deal Brexit to contemplate, but the more immediate consequences of the pandemic.

Staying in touch … virtually

Nevertheless, the College is in good spirit – even if we are widely dispersed. I am sure Lisa Jardine-Wright, the Acting Senior Tutor, will remark elsewhere on the sense of community amongst the student body, but it seems just as manifest amongst the staff and Fellows. (Richard Partington is enjoying a well-earned sabbatical term of leave.) We all have different approaches to staying in touch, something that has been crucially important as we have relied on different virtual platforms for both professional and personal needs. For many of us March included a crash course in Zoom and Teams as we worked at speed to try to ensure everyone’s personal safety and wellbeing, as well as deal with an enormous range of practical problems we had not imagined would ever beset us. I have been tremendously impressed by the professional spirit and energy in which the whole team took on the task of shutting down the College, ensuring everyone – staff, students and Fellows – understood what we were doing and why, as we moved at speed to comply with lockdown. As I write, we are well placed with our recovery plan to welcome students back for the new academic year, but everything is tinged with uncertainty as guidelines change almost daily impacting on what we can and cannot do.

Novel ways to improve our position

There has, of course, been more to this academic year than just lockdown, hard though it feels sometimes to remember this. Very aware of other long-term threats, the College has set up a Sustainability Working Group to consider our operations, broadly interpreted. We won a Platinum Award in the University’s Green Impact Awards, plus an Excellence Award for the special
project on Single Use Plastics that our Fellow Alison Ming spearheaded. The College takes issues around sustainability very seriously, ranging from cutting back on red meat in our catering provision, to considerations of reducing packaging in its Buttery sales. Additionally, with the arrival of our new Estates Manager, Tom Boden, coming from a role at the Royal Palaces, we are looking across our Estates, not just at reducing energy use but moving more seriously towards decarbonisation. As a College with a strong emphasis on science and engineering, I feel it is crucial that we use our collective brains as well as the amazing site on which we sit, to explore some novel ways to improve our position. We hope to have some pilot schemes running in the months ahead and, with one of our Professional By-Fellows – Stephen Davison – recently appointed as Deputy Director for the Cambridge Zero Initiative, we are well-placed to align with their wider programme.

Engaging with schools and history

Working with schools in order to do all we can about widening participation continues to be a core part of our work. Unfortunately, visits to schools and our Open Days have had to be cancelled due to the pandemic and everything has necessarily moved online. But, within the wider context, we need to be seen to be welcoming to all – as we have always tried to be. In the wake of the death of George Floyd in the USA, and the demonstrations that followed around the world, we recognise we need to do more. As an educational and research institution we acknowledge the need for, and indeed welcome, an honest and critical engagement with history in all its fullness. We accept this will involve some difficult discussions around important historical figures which we will actively seek to facilitate.

Churchill, as an inspirational leader in time of war, must not be mythologised as a man without significant flaws; on race he was backward even in his day, as his contemporaries made clear regarding his attitude towards India and its potential independence. During the coming year we will be running a series of events to explore Churchill, the man, as well as (de)colonisation and Empire.

Considering our own internal culture

Additionally, we will be working with all parts of the College community to consider our own internal culture. The student body are very clear that these are issues we cannot put off discussing, uncomfortable although they may be
for some. Being a diverse community is not sufficient, if there are those within it who do not feel this is a place that is ‘for them’, be they staff, students or Fellows.

Finally let me return, perhaps inevitably, to the consequences of the pandemic. As I write we hope to be able to welcome back essentially all the students for the Michaelmas Term. We know that many of them will be returning from a lockdown experience that will have been tough, possibly financially insecure if family members have lost their jobs and they themselves have been unable to find work over the vacation. We do not know what next year will bring, but it is difficult to imagine it will be ‘business as usual’. Instead we expect greater calls on our hardship funds and on our counsellor’s time. Freshers, in particular, may come feeling very uncertain after such a disrupted end to their schooling, but everyone – including staff and Fellowship – is likely to feel disoriented by the changing world. I am deeply grateful to all of you who have contributed to student support and to the COVID Contingency Fund over the past year. Your support is hugely appreciated.

Athene Donald
THE COLLEGE YEAR
‘There is nothing which can better deserve your patronage, than the promotion of science and literature. Knowledge is in every country the surest basis of public happiness.’

George Washington
Dr Lisa Jardine-Wright is the Director of Isaac Physics and a Churchill Fellow. She was Acting Senior Tutor for the Easter and Summer terms while Richard Partington took sabbatical leave. In this unusual report Lisa reflects on being a virtual Senior Tutor. She tells us that solutions needed to be found to respond to the problems raised by COVID (e.g. adapting to new ways of teaching and assessing students), that the Churchill community rose to the COVID challenge, that our students exceeded expectations in their end-of-year examinations (in the face of such adversity and radical change). She concludes by reflecting on the many positives achieved.

At the start of this academic year I was delighted to accept the position of Acting Senior Tutor – little did I expect that I would be Churchill’s first virtual Senior Tutor!

Questions arising from COVID

As the Master says in her report, it is difficult to remember a time before coronavirus but it did indeed exist. In October 2019 we welcomed another excellent new cohort of undergraduate and postgraduate students and Lent Term proceeded as usual with little new to remark until we approached the end of term. As a Tutor and Director of Studies at that time, I was meeting with my students to ordinarily discuss their vacation and how they would plan to revise while ensuring that they take time to recharge their batteries. However, these meetings were instead full of questions of whether they would be returning to College in Easter Term, how exams would work if they weren’t allowed back and what were finalists going to do if they couldn’t return to Cambridge to complete three or four years of hard work to earn their well-deserved classifications and degree certificates. At that point, there were no answers to any of these questions and all I could offer was optimism and reassurance.
Churchill strengths as a community

The complexities of Cambridge with its Colleges, departments, faculties and central governance, presents challenges in a situation where agility and decision making need to be clear, decisive and efficient. However, **the expertise and skills represented in the community are a great strength.** Churchill College is a shining example of this with many of our staff, Fellows and research students immediately been sought out for advice and consultation. All students were strongly encouraged to return to their families around the World, so that they could be together rather than separated for an indeterminate period of time. However, at its peak, around 200 of Churchill’s students remained in Cambridge, 80 on site and 120 living out, as flights were cancelled and borders were closed. College closed its communal spaces and moved students into households of two or three, and adapted to provide a socially distanced shop so that anyone remaining in residence could buy ingredients or ready meals throughout the closure.

Adapting to new ways of teaching and examining

University task forces were convened alongside College and department bronze, silver and gold teams to make and inform decisions on education, buildings, student experience as planning proceeded. It became clear quite quickly that **Easter Term would be entirely virtual and adaptations to teaching and examination evolved rapidly.** Overarching objectives for alternative assessments were to maintain the quality, standards and rigour of the University’s assessments; to ensure that all students who graduate will do so with a classed degree, and to enable assessments to be taken remotely through a fair and equitable process for all. The delivery of such objectives however, had its challenges from the operational (such as time zones) to the technical (students with little or no WiFi, or quiet places to work). Students undertaking part one exams, in the main, were assessed formatively with modified classified assessments reserved for graduating students or those who needed classifications for progression.

Exceeding expectations

It would be normal in the *Annual Review* for the Senior Tutor to report on the outcomes of examinations but in light of the extended duration of assessments (weeks to months) many results are yet to be received. I can report however that our students have shown remarkable strength in the
face of such radical changes and adversity. Many have not only maintained the high standards that they have previously achieved, guaranteed by the ‘safety net’ implemented by the University and departments, but have gone on to exceed prior attainment to be awarded prizes within their departments.

Virtual graduation

The Master, Praelector and I, along with Tutors and Directors of Studies, hosted another Churchill first on the 25th July – a virtual ‘graduation’. Many students have graduated in absentia so that they may progress to the next stage of their career with the formal and legal assurance of their degree. However, this year’s achievements could not pass by without due recognition or the appropriate spoken Latin and so a Zoom celebration took place with as many of our graduating students that wished to take part from wherever they were around the World. A later University-wide opportunity to robe-up in Cambridge and process through the streets is also planned. Graduands (or graduates) of 2020 will be invited back for a dinner in College and ceremony in Cambridge, when in-person congregations are permitted, and dates in 2021 are being considered.

Reflecting on many positive outcomes

While there are many sad and upsetting impacts of COVID it is important that as we move forward, we reflect on the many positive outcomes of what we have achieved during this period. Remote teaching has enabled us
to reflect on our teaching practice and delivery, and I for one, having supervised Physics during this period, have seen very positive responses and interactions in working through problems together online. Mass online lectures, an announcement that was made rather prematurely, is an opportunity for creativity and I will be thinking hard about how I will change my delivery for first year physicists in their first term.

Race awareness

At the time of writing, I am half way through my time as Acting Senior Tutor and the first 3 months have revealed to me many things about how I work but also about how College and its community should develop and evolve. The death of George Floyd in America has raised awareness that as a community we need to do more. Members of the College JCR and MCR have been engaging with the Master and me to develop a programme of events and initiatives to ensure that important educational and conversational opportunities engage the undergraduate and postgraduate students alongside staff and Fellows. Our programme will begin in Freshers’ Week with student-led workshops on implicit bias and race awareness as part of the induction for all new students, but also as part of the induction for current students in preparation for their return to a new Cambridge experience.

Welcoming our students back to Churchill

We are very much looking forward to welcoming all of our students back to College in Michaelmas Term and we have been working hard to ensure that we can do this in a way that minimises the risk to our students, staff and Fellows while enabling as much as we can of the valued student experience. Postgraduate students who have laboratory work that is fundamental to their work began their return over the Summer Term. Current guidance recommends households of no more than 8 and we are very fortunate at Churchill that this means that we can plan to accommodate all of our undergraduates who wish to live in College.

Uncertainty about incoming students

The academic support that incoming students would have received in their final year at school would have been incredibly varied in quality and amount. They will need our help to prepare to begin their studies in Cambridge. Many Year 13 students have not received any formal teaching since March
and their grades will be determined by teacher recommendation based on academic performance prior to this date which is then calibrated nationally based on schools’ historical performance. Outcomes are therefore uncertain for them and admissions numbers are uncertain for us but the University and College have pledged that any who miss their offer through this mechanism who later meet it through written exam sittings will be admitted in Michaelmas Term 2021.

An era of ‘firsts’

It has been an era of ‘firsts’ for the College and the University. To support our virtual Open Days\(^1\), colleagues have been recording short videos for prospective students, explaining why they love their subject and their work in Cambridge. Admissions tutors and students\(^2\) have been answering questions live online, and we have continued our support of the Seren Network\(^3\) with online Q&A sessions for teachers and for students from Year 11 to prospective applicants. Such virtual work is vital at the current time to deliver our commitment to widening participation and maintain the positive profile of Churchill College with prospective applicants.

---

1. https://isaacphysics.org/pages/churchill_july_od
2. https://isaacphysics.org/pages/churchill_july_od#stu_q_a3
Embracing the virtual world

I would like to take this opportunity to record my thanks to all of the staff and Fellows of Churchill who have been a great support to the Officers and operational teams during this unprecedented time. The dedication of our Tutors and Directors of Studies to student support has enabled our students to remain informed, resilient and successful. Our students should also be congratulated, not least our JCR and MCR committees. They have embraced the virtual world to keep our students supporting and talking to each other with initiatives such as themed activities for each day of the week and networked film nights – keeping their Instagram and Facebook pages positive, reassuring and engaging.

I hesitate to predict what the next three months of my tenure will hold but I suspect that I will not know what it is like to be a Senior Tutor in ‘normal’ circumstances. There is much work still to be done in communicating and ensuring that we all adapt and follow the guidance in the new normal to give confidence that we are ready. Whether I will step foot in the Senior Tutor’s office I don’t know, but it has become clear to me that whether you are in Cambridge or not the Churchill College spirit of community, determination and optimism transcends our physical location and we take those qualities with us wherever we are.

Lisa Jardine-Wright
Dr Elizabeth DeMarrais, a Churchill Fellow, is our new Senior Postgraduate Tutor. She took over from Barry Kingston who retired after 13 years of service as Tutor for Advanced Students. The Postgraduate Office (previously known as the TAS Office) has seen some changes this academic year with Professor Melissa Hines retiring and new faces appearing – Dr Sally Boss.

In line with the University’s efforts to standardise postgraduate affairs across the Colleges, Churchill’s Office for Advanced Students has been re-badged as the ‘Postgraduate Office’. **Liz DeMarrais heads an enlarged team of four Postgraduate Tutors** (Sally Boss, Leigh Denault, Barry Phipps, and Alex Webb), ably supported by Rebecca Sawalmeh, our Postgraduate Administrator. The appointment of the additional Tutors recognises the College’s decision to strengthen the tutorial support we can offer to our postgraduate students.

**The new postgraduate houses**

We welcomed the opening of a new accommodation buildings at the top of the site. On 27 September 2019, the College hosted the Vice-Chancellor of the University, Professor Stephen Toope, and alumni, Fellows, and guests, for the opening of Broers House and Wallace House at 36 Storey’s Way.

**These beautiful new houses added 30 ensuite rooms and 5 studio flats** to the accommodation choices we can offer to our postgrads, **enabling us to house almost all of those who wished to ‘live in’** for the first time this year, which fosters a stronger sense of community among postgraduates. We are deeply grateful to the generous donors who supported the construction project.
Improving public-facing activities

We have also improved our public-facing activities, including updating our website, to make sure that we continue to attract the best postgraduate applicants from overseas. Although postgraduates pursuing degrees in STEM subjects continue to comprise the majority of our postgraduate student body, we are currently exploring ways to attract additional Arts postgraduates. We continue to host Open Days in association with the University’s recruitment events, and we continue to explore new ways to widen participation in postgraduate study by maximising our studentship offerings.

Severe disruption due to COVID

As with every other area of College life, the Postgraduate Office has been deeply affected by the COVID pandemic since March. Many overseas students had to return home at short notice, although others remained in residence. I have been hugely impressed by the resilience and good humour of so many students and colleagues in the face of very challenging circumstances. As I write this in early July, I continue to be grateful to all who have been working to support the College and our students in the face of severe disruption to all of our activities.

Uncertainty about the future has hit our students hard, and I am hugely appreciative of those who have supported the College with donations to the COVID support funds and hardship funds. These contributions are making a significant difference.

In the Postgraduate Office, we continue to work (remotely) to offer advice and support to all of our postgraduates, with the aim of keeping them safe and well, as well as supporting them in continuing their research degrees. At the time of writing, the University’s science departments are beginning the slow and careful process of re-opening their laboratories to researchers. We look forward to the gradual return of our postgraduates as the situation allows.

Liz DeMarrais
Grateful to our Donors
Bursar’s Report (2019–2020)

Tamsin James, Bursar and a Churchill Fellow, gives us an account of the state of the College's finances that have been severely affected by the pandemic. She tells us about the sharp drop in our operating income due to lockdown, the control of our operating costs, the generosity of our donors and the College’s commitment to supporting our students now more than ever.

Despite the strong start to the financial year, the College, like so many institutions across the globe, has been severely affected by the pandemic. It is hard to imagine a state of emergency which would have such a widespread effect on our resources, despite the diverse spread of our activities and income.

Severe drop in operating income

Our commercial income from conferencing via our subsidiary companies has been decimated. The Easter and long vacations are usually our most busy and crucial commercial periods with a widespread international clientele. In addition, along with the rest of Collegiate Cambridge, we have not charged any student rent for the period they have been away from College. This has resulted in an immediate drop in operating income for the College for almost all students for the Easter Term and across the long vacation for graduate students.

The total return policy on our investments has spread the effect of the stock market volatility and losses have been below our benchmark, which is some consolation, but this has still resulted in a significant loss in value of funds under management. This will reduce the investment income upon which we depend over the coming years.

The generosity of our donors has partially offset our losses with contributions to an emergency fund, for which we are extremely grateful.
Controlling our operational costs

Operational costs have been controlled as far as possible with pay and recruitment freezes, voluntary pay cuts and furloughing staff in order to protect jobs for the return of activity in September. As well as responding brilliantly to the lockdown and the ongoing support of those students who stayed with us, our extremely loyal and experienced teams have enabled us to plan rapidly for very different ways of working so that we can continue to provide students with the very best higher education experience despite the challenging circumstances.

Investing in our infrastructure

We commenced the year with exciting plans for the development of the estate and the 60th anniversary campaign. We made the strategic decision to continue with the major refurbishment projects which reflect our commitment to investing in our infrastructure for the future and improving environmental sustainability, i.e. heating upgrades, the re-roofing of the Dining Hall and the refurbishment of the Buttery. The investment in IT and the Estates teams has enabled us to continue with both major project areas, supporting the move to remote working, and preparing for improved accessibility and social distancing as the site reopens, as well as reducing long-term running costs.

Supporting our students

Our fundraising focus remains even more crucially on student support, with financial pressures on students increasing significantly. We are most grateful to our Development Board for their ongoing support as we revise our plans for the coming year.

Particular thanks this year are also due to Tim How, who expanded his role as a non-executive Director of the Møller Board to support the Institute as Acting Director from February. The timing could not have been more challenging and Tim’s guidance has been invaluable over this crucial period. The support of all of the College’s external directors and committee members and the wider alumni community has been even more valuable this year and will continue to be so as we face the challenges of the coming year.

Tamsin James
Shelley Surtees, Domestic Bursar and a Churchill Fellow, tells us how quickly College had to adapt because of COVID. The year, though, had started with such great promise—an enthusiastic new cohort, environmental awareness training, a platinum Green Impact award, an Excellence Award for plastics reduction! It is testament to her hard work, commitment and love for our Churchill community—and that of her staff and colleagues—that College responded so quickly and successfully to the pandemic.

The start of the new academic year, 19/20 bode well, with a new cohort of enthusiastic undergraduates and some unseasonably pleasant weather. During the Freshers’ induction we included the usual, rather dry but important, safety subjects along with our more recent invocations of cycling safety and environmental awareness training. Continuing our environmental drive, we made plans to participate not only in the usual Green Impact Project but to apply ourselves to the attainment of a special award, focusing on the reduction of plastics with the help of mathematics Fellow Alison Ming.

Innovations and awards
Several awareness sessions were held for all members of the community, including a litter pick, supported by Professor and Dr Donald, and a lunch time talk by Dame Polly Courtice. In the Buttery areas we moved away from the usual pre-wrapped snacks and introduced ‘weigh and pay’, using much more environmentally friendly brown paper bags. In Hall our takeaway meals service containers were replaced with students’ own, reusable Tupperware. On the hot plate we started a drive to reduce the amount of red meat consumed, replacing it with tasty and interesting plant-based options and sustainable fish. We again received a platinum Green Impact award, the third, and an Excellence Award for our plastics reduction project.
College’s quick response to the pandemic

In January, along with the rest of the world, we started to hear about a new, flu like, illness heading our way. Having been the operational lead on disaster recovery planning for the College for a number of years, in no way prepared me for what was ahead. **The College quickly moved into high alert**, screening all students arriving from overseas and providing supported isolation for those with symptoms. As the situation became more serious, we worked with the University to map out our contingency plans. As the University announced plans to close, the team swung into action with the emergency response team meeting daily, passing the direction of the College officers onto the operational team. Whilst most of our students were able to get home in a timely fashion, for some this was impossible and for others, of course, Churchill is their home. **We were able to quickly rearrange people into accommodation**, in household groups. Cowan Court, Wallace and Boyd Houses were critical to this as there are limited en-suites and kitchens in the main staircases and we could not have accommodated the c.100 students who have been in lockdown with us without them.

Adapting to the times

Following the Government’s instructions, Hall had to close. However, in its place we set up a ‘pop-up shop’ providing essential provisions, including loo roll, allowing our residents to avoid the local supermarkets. This sort of innovation was of great assistance to our residents, and **we managed to stay largely infection-free throughout the crisis**.

Many of the staff have been working throughout the lockdown period; their spirit and tenacity in doing so is **testament to their role as part of this great Churchill family**. Whilst there is still no recovery in sight for the carefully constructed commercial operation, and it still feels like there is a way to go before any type of normality resumes, we are all working hard to prepare the College for the coming academic year, and hope that it will be a little more usual than this year has been.

Shelley Surtees
Reflections on a Year of Planned and Unplanned Change
Director of the Archives Centre’s Report (2019–2020)

Allen Packwood, Director of the Archives Centre and a Churchill Fellow, wrote this report on 30th March 2020 from the attic study in his house. Here, he tells us that the wonderful refurbishment of the Archives was completed in January 2020, only for the Centre to lie empty soon after because of the lockdown.

I write this not from my office, but from the attic study of my house. It is the beginning of week two of the Coronavirus lockdown and the Archives Centre team are in exile, working as best we can from home, cut off from our collections and only able to communicate with our researchers by email. This is not how this year was supposed to go.

A year of change

It was certainly supposed to be a year of change. In January we successfully completed the biggest refurbishment of our physical premises since the building of our New Wing in 2001–02. The removal of a microfilm room, made redundant by digital technology, allowed us to expand our reading room and library space, while downstairs we installed a new sorting room with mobile racking and created an enhanced space for reprographics. The spring of 2020 should have seen us utilising these wonderful new areas. Instead they lie idle, waiting for our return.

Churchill History Lecture series

But if history teaches us anything, it is that these things will pass. Our Churchill History Lecture series certainly ranged widely this year: from alumnus Sir John Stuttard’s lively account of the life and times of John Rutter, the turbulent Quaker of Shaftesbury, in the early nineteenth century to Jim Zirin’s comprehensive overview of Donald Trump’s use of litigation in the twenty-first. Eve Colpus and Myriam Boussahba-Bravard illustrated how the Archives Centre collections had informed their research, while Jill Rose talked about her mother’s role in nursing Churchill during his wartime
premiership and Andrew Lownie reached some quite troubling conclusions about Lord Mountbatten. Yet perhaps of most relevance to today was the talk by PhD student Stephen Colbrook on Fighting Federal Indifference: Sexuality, the State, and Social Reform during the early HIV/AIDS Crisis. Delivered in February against the backdrop of the developing pandemic it led to some interesting debate on differing regional and community responses to a public health emergency. The past suddenly seemed very relevant!

Not all doom and gloom

And all has not been doom and gloom. Our Thatcher handbag helped draw large crowds to the Very British exhibition in Bonn, material relating to the planning and execution of D-Day was displayed at the Roosevelt Presidential Library in New York State, while two documents relating to the foundation of College featured locally in the highly successful University Library exhibition The Rising Tide on women’s struggle for equality within Cambridge.

Andrew Roberts entertained an alumni audience at the Harvard Club in New York, while David Reynolds’ informative and innovative Roskill Lecture on The Yalta Conference and its Legacy is described elsewhere. Newly arriving collections included the papers of Sir Arthur Marshall, Labour pollster Lord (Philip) Gould and the late George and Zara Steiner, while newly opened material included the 1990 Thatcher papers and the archive of Labour councillor and community activist, Peggy Jay.

Hopefully by the time you read this the Centre will be open again. The COVID crisis will have passed into history and ultimately into our archives, where it will be securely preserved and from where the handling of the pandemic can inform future education, research and debate.

Allen Packwood
A Year of Two Halves
CEO of the Møller Institute Report (2019–2020)

After twenty-two years at the helm of the Møller Institute as CEO, Gillian Secrett left at the end of February 2020 to join the University of Cambridge Institute for Sustainability Leadership, as Portfolio Director, leading a leadership development portfolio that puts sustainability at its core. This is her last and very uplifting annual report.

The Møller Institute team were delighted to deliver the highest ever contribution of well over a million pounds to College for the year ending June 2019. This growth continued throughout the autumn extending revenue and impact from the design and delivery of a record number of global executive education programmes, and from supporting clients from the University, corporate and public sectors to host their own programmes, meetings and conferences. By December 2020, as a result of the hard work and professionalism from the team, we had surpassed all expectations, on track to exceed the previous year’s contribution to College following this intense six-month period.

The Møller Institute brand

Also, in the autumn of 2019 we finally transitioned from having two identities – The Møller Centre ‘Conferences and events’ and Møller Institute ‘Executive Education’, to one distinct Møller Institute brand for the entire business, reflecting our premium position in the leadership development, meetings and conferencing space. We had achieved Institute status in January 2018 as a result of fourteen years delivering successful executive education and leadership development programmes and being well-established as an approved provider of executive and professional education for the University of Cambridge. This change reflects the significance and global impact of our work and represents the vision of our founder Mærsk Mc-Kinney Møller, to bring together the worlds of business and academia for professional and executive education, to extend access to Churchill College and the University to a wider society.
Highlights of the year

These include the following:

• The Møller Institute received **high rated satisfaction scores from clients from the UK and across the world**, including: AstraZeneca, Marshall Group, The Manufacturing Technology Centre, China Development Bank, British Council, Suntory, Linklaters, Berry Global and BNP Paribas, to name but a few.

• **The Møller Institute’s hospitality team were awarded first prize** and recognised as industry leaders for the quality and impact of Employee Engagement. The award was received at the annual Institute of Hospitality Awards Ceremony.

• In December **the team achieved VenueVerdict Gold Standard**, exceeding its customer service target awarded by this international consumer insight consultancy which independently collates and scrutinises client feedback scores around willingness to recommend for meetings and events.

• Over 50 Churchill Alumni attended a Leadership Insight session at the Oxford and Cambridge Club in London chaired by Alumnus Michael Cowan. The audience heard from Churchill Fellow, Professor Tim Minshall who talked about ambidexterity in leadership, how to be outward looking and efficient in business today whilst innovating and adapting to cope with the changing demands of tomorrow. Møller Institute Associate Sudhanshu Palsule shared insights on how to lead through complexity in the 21st Century. ‘Be curious, cultivate deep empathy, train yourself to collaborate, develop a powerful sense of purpose, become an eclectic learner, practice soft power, and let go of control and allow for emergence.’ **How insightful they were in terms of the leadership challenges yet to come!**

• In July the Møller Institute **raised awareness and acknowledged the importance of women in leadership** by adding a series of leadership quotes to the wall in the Study Centre alongside those inspirational quotes of male leaders. We were delighted to include quotes from Ane Mærsk McKinney Uggla, Vice Chair of the Mærsk Organisation and Chair of the Møller Foundation, Michelle Obama and Sheika Shamma bint Sultan bin
Khalifa Al Nahyan, founder of the Women’s Empowerment and Equality Board, UAE, founder of Circle of Hope, and Alliances for Global Sustainability, whose quote read, ‘it is our collective duty to lead responsibly to create a better world for future generations.’ Sheikha Shamma represents a generation of Emiratis determined to make lasting change for women.

• **We reconnected with Churchill Alumnus Christopher Payton** (1978 Engineering) who brought an executive education client to the Institute in September. Christopher was delighted to be welcomed back to Churchill College. The impact of the programme inspired Christopher to write, ‘it was gratifying to hear comments from the participants as to how their expectations were exceeded in many ways by their Cambridge experience[…]. It was especially rewarding to watch, and participate in, the dynamics of the Møller Institute at work. The welcoming visitor environment is supported by the cheerful professionalism of the staff, who in turn enable the outstanding teaching to become exceptional learning. […] Attention to detail and strategy is evident at every turn, and very defining; things run well and pleasantly. It’s very much a case of “practise what you teach”, and something very positive to experience.’

• In the new year we **launched a new style of meeting space** to respond to customer feedback around the need for increased breakout space for small team huddles and coaching. Three new innovative meeting Pods were installed in the Study Centre with adjustable height tables and full tech connectivity.

At the end of February, I **left my role as CEO after twenty-two years of service**, leading the strategy, growth and creation of the Møller Institute from its early years to its current standing today. I handed over to board member and Alumnus, Tim How as Acting CEO and board member Professor Sir Mike Gregory, whilst recruitment got underway for my replacement.

**The COVID experience**

As the year progressed into the start of COVID experience, clients took full advantage of the Møller Institute’s facilities and Studio for the recording and transmitting of live and asynchronous sessions so that development programmes could reach delegates who were unable to travel. By March 2020 the Institute was required to temporarily close in terms of hosting
conferences and events but continued to work remotely with clients, suppliers and Associates where possible for remote delivery of education. During this period the on-site accommodation has been and continues to be used to provide much needed bedrooms for key workers from Addenbrooke’s Hospital, to support their strategy and planning to cover the escalation of COVID. **At the time of writing, we have providing over 3,500 bed nights to key workers.** As a regular client of the Møller Institute this is seen as an extension of our support at times of need.

**A new head and a new board**

In June the board were delighted to appoint Richard Leather as the new Managing Director of Møller Institute, who will join in September bringing with him a wealth of experience in international business development.

The Møller Institute is currently preparing to reopen its doors again, albeit incorporating the required adjustments in line with government guidelines. The board is pleased to announce that Tim How has agreed to take over as Chair with effect from 1st September so that the Institute can continue to benefit from his experience and guidance. The opportunity will also be taken to refresh the board with Professor Tim Minshall joining and saying thank you to Dr Lisa Jardine-Wright, Mr Chris Potts (Alumnus), Professor Sir Mike Gregory and Professor Danny Ralph for their service.

**And finally,**

We are particularly appreciative to so many members of College and, in particular to the Fellowship and Alumni for their support during the year. I would also like to extend a personal thank you to the Fellowship, and the College staff for their support and contribution to our work, and most significantly to the entire Møller team for the professional dedication to their work and support of our clients and each other during this most eventful year. **I shall miss you all.**

Gillian Secrett
Francisca Malarée, Development Director and a Churchill Fellow, reports on a very eventful year, when 2020 ‘was to have been a year of celebratory events’, marking the 60th anniversary of the founding of the College. Many of the celebratory events have had to be postponed because of the pandemic, but a few important events took place in the autumn 2019 and early 2020. Fran tells us that our alumni and supporters have brought the funds raised in this year up to £3.4million and finally Fran reports on a new initiative – the Think Forward Campaign to be launched this autumn.

It is tempting to summarise this year as the ‘best of times and the worst of times’, to quote Dickens – it certainly has been a year of contrasts. The pandemic altered many of our plans and will continue to affect all our ways of life, and sadly take some lives prematurely. 2020 was to have been a year of celebratory events, and due to COVID unfortunately many have had to be put on hold until next year. Despite the problems caused, we have also been heartened by the support which alumni and friends have shown the College in these times which have challenged the way we enjoy life and learning.

Support from our community of alumni and donors

We had immensely positive news to begin the academic year 2019–20. Thanks to amazing support, the classes of 1977–81 had raised £100,000 in less than three months to endow one full Cambridge Bursary – we are particularly grateful to all the co-chairs of this initiative and to Peter Hughes whose initial idea it was.

We also were preparing to welcome Michael Cowan (U70) as our first Winston Churchill Fellow, in recognition of his donations totaling over £5million to the College. Michael has also supported Churchill College regularly in hosting events, and in his wise counsel in serving on the College’s Investment Advisory Committee over many years.
In September, **we welcomed the Vice-Chancellor, Professor Stephen Toope to open the graduate housing at 36 Storey’s Way**, which so many alumni and donors to the College contributed to. The development, which cost just over £5 million to build, was 60% funded by donations. In opening the new block, Professor Toope included Churchill’s quote ‘we shape our buildings, thereafter they shape us’ and remarked upon the impressive amount and quality of the graduate housing on offer at the College. This quality has been recognized with RIBA shortlisting the development for their East of England awards this year.

Two of the graduate houses are named after our former Masters, Sir John Boyd and Sir David Wallace. We were very sorry that Sir John sadly did not survive long enough to see the graduate house that is named after him, as he passed away in October 2019.

We were planning to launch our new campaign in June 2020, instead with the College closed from the end of March, we launched a drive to fundraise for our COVID contingency fund which is directed to supporting students, both directly and through the College’s operational costs. (Please see details of the campaign on p.41)

**Development and Alumni Events**

The opening ceremony for the graduate housing in September was swiftly followed by the Alumni Association weekend where **we welcomed back over 250 alumni**. We were delighted to host the two alumni architects of 36 Storey’s way: Simon Tucker (U86) and Priscilla Fernandes (U04) of Cottrell and Vermeulen architects, who spoke about how they developed the designs with inspiration from the original Richard Shepherd buildings. We were also treated to an entertaining lecture by Professor Bjarne Stroustrup (G75), one of our Honorary Fellows. Bjarne’s lecture on the evolution of C++ attracted a large crowd, and great variety of questions. Talks are also available to view online on the publications and recordings section of our website. We were also treated to a fantastic after-dinner speech by another Honorary Fellow, Sir Christopher Frayling (U65), who spoke about the ‘Two cultures’ debate, and asked the memorable question ‘how many of the audience know what is Newton’s second law of thermodynamics’ as a good way of dividing the Arts and the Sciences.
The autumn of 2019 was a busy one in terms of hosting a variety of alumni engagement talks in London. We were delighted to host our Fellow Professor Sir David Spiegelhalter, Winton Professor for the public understanding of risk for an alumni event in London, where he spoke about his latest book ‘The Art of Statistics’ to a capacity audience. Professor Spiegelhalter highlighted various aspects of his book, drawing attention to how the examination of statistics could help to solve crime, such as in the case of mass murderer Dr Harold Shipman.

We also hosted a networking event with our alumnus Antonio Weiss who gave a fascinating talk on management consultancy and the British state. He spoke about how various British governments of all political colours, had used management consultants to drive their industrial and economic agendas.

In November we were delighted to host around 40 alumni in the splendid surroundings of the New Club in Edinburgh, thanks to Professor Sir David Wallace, our former Master. He spoke about his experiences at the College when he was Master and also gave an update on what he has been doing since, which includes some experimentation with bricklaying in his garden in Scotland.

We hope to repeat this event for our Edinburgh-based alumni community every other year.

In the early part of 2020, we also hosted several events in London for the Churchill Business Network (more below) and our annual Masters’ Dinner in February at the House of Lords. We were grateful to Lord Broers, our former Master, for hosting the dinner at the House of Lords in the beautiful surroundings of the Attlee room, together with the current Master, Professor Dame Athene Donald. On this occasion we heard from Professor Malcolm Bolton, Professor Sir Michael Gregory and Barry Phipps about the plans for the creative hub. The event was sold out, so next time we are able to gather for such occasions we will make more places available by booking a larger venue.

International Events

In September the Master was delighted to interview Boston-based alumna Elizabeth O’Day (G06) who set up her own diagnostics company,
Olaris Therapeutics, as part of her ‘Conversations’ series. The Master also co-hosted an event with alumnus Bruce Simpson (U81) at the University Club of Toronto where both spoke on themes of Science and leadership, which was covered in the 2019 Development Newsletter.

**Alumnus KK Chan (G86) hosted a wonderful boat trip on Hong Kong harbour** over the Christmas vacation, which around 20 alumni attended. In January we were delighted to work with our New York-based colleagues at Cambridge in America to host Dr Andrew Roberts, an alumnus of Gonville and Caius, who has researched many books on Churchill in our Archives Centre, in an event kindly sponsored by long-standing Archives supporter Ms. Tina Flaherty. His lecture, drawn from his best-selling book ‘Churchill: Walking with destiny’ attracted over 100 guests, and many lively questions including one about what Churchill’s views would have been of Brexit.

**In March**, thanks to help from alumna Kit Cheung (G00), **Michael Cowan hosted a brunch at the Morgan Library in New York**, where Professor David Spiegelhalter met various alumni. Unfortunately, his planned talk for Cambridge in America on 9 March had to be cancelled due to a COVID case in their offices.

**Churchill Business Network**

The Churchill Business network ran two events this year. In February we were delighted to **host a talk by alumna Liz Airey (U77)**, Chairman of Jupiter Asset Management and Michael Cowan (U70) Chairman of the College’s development board, on their respective careers in the asset and fund management sectors.

We were also pleased to **hold a panel discussion at the Royal Aeronautical Society, kindly hosted by David Marshall CBE (U62)** and featuring talks by Neil Fleming (U89) on space risk, and current Fellow Anna-Maria Kypraiou who is based at the Whittle laboratory. The business network exists to promote networking amongst all our alumni – of course it may be a while until it can host ‘real’ events again; but we are planning a virtual event soon, and we are hoping to be back to hosting London-based events.
Think Forward Campaign

In terms of fundraising, we are grateful to all our alumni and supporters who have brought the funds raised in this year up to £3.4million. This is particularly appreciated in this year of the pandemic, where we weren’t able to run our usual direct mailing and telethon campaigns.

As the pandemic led to a £1.3million loss in rental income in Easter 2020, and our forecast is for a loss of £2–3million in 2020–21 financial year we were delighted that alumni responded to the call from the Master to donate to our COVID Contingency fund to support students, teaching and ancillary services for students by donating over £170,000 before 30 June to release a matching fund generously provided by an anonymous donor. The COVID fund will help to ensure we are able to issue hardship grants and continue to give bursary support to our students. We predict that the number of students with difficult financial circumstances will increase due to the economic effects of the pandemic, with more families facing loss of income due to unemployment in certain sectors and few jobs available for students in the vacations.

We will shortly launch our new campaign Think Forward, which aims to raise substantial funds annually for the College’s endowment, student support, unrestricted funds, and – once we are able to encourage students to mingle – the creative hub (which was mentioned in last year’s Review too).

At the time of writing our preparations are well under way – though sadly like so much else, our campaign launch planned for June 2020 and other celebratory events will be postponed until next year when we can mark 60 years since undergraduates came to the very new Churchill College.

We will now be launching Think Forward in the autumn with the telethon and direct mail appeals, where we have a focus on fundraising for student support at all levels of education.
The main aims of Think Forward are as follows:

**Think Forward for bursaries:** to raise funds for student support endowment as the need for bursaries for students is going to increase.

**Think Forward for research:** Churchill was established as a research, as well as a teaching, centre of excellence. For postgraduates there are more challenges due to increased debt and less support being available from Research councils, and we need to continue to attract the best minds from all over the globe in the face of competition from US and Asia-Pacific institutions.

**Think Forward for sustainability:** at both a financial and environmental level, the College needs to raise funds to combat future uncertainty; the more funds we have endowed, the more financial flexibility we’ll have.

**Think Forward for collaboration:** when it is possible to do so we will continue to develop the creative hub in the disused oil store at the front of College.

Most of our unrestricted and COVID-related fundraising will be directed to helping students – those from the most disadvantaged backgrounds will be most affected by the pandemic, in both economic and health terms. We have always been a College that welcomes those with enquiring minds, whatever their financial situation and we record our thanks here to all of our supporters and alumni for their continuing support, even in these difficult circumstances.

Francisca Malarée
DONATIONS
‘We make a living by what we get, but we make a life by what we give.’

Winston Churchill
DONATIONS 2019–2020

We are very grateful to all the following alumni and friends who have chosen to support Churchill College. All those listed below have made a gift during the period 1st July 2019 to 30th June 2020. (N.B. Gifts made after this date will be acknowledged in next year’s Review.)

Participation rates are given for each year group and are calculated based on both one-off gifts and regular gifts.

1960  
Participation rate: 20%  
Dr J A Haines  
Dr R K Livesley**  
Dr K McQuillen  
Dr T Rice  

1961  
Participation rate: 27.8%  
Mr E W Addicott  
Dr P Barton  
Mr J H Burton  
Mr W J Capper*  
Mr M J Chandler  
Mr P M C Clarke  
Mr M R Cooper  
Dr I B Duncan  
Right Reverend J W Gladwin  
Mr S T Green***  
Mr M E S Handley  
Mr D E W King**  
Mr N G Kingan***  
Mr T R Latton  
Mr A E Leigh-Smith**  
Mr J C Lewis  
Mr M D Litherland  
Professor I McCausland  
Dr J A Miller  
Professor R J Oldman***  
Mr S M J Peskett**  
Professor M Pilling  
Mr G V Thomas  
Mr A F Thomson  
Mr R J Williams  

1962  
Participation rate: 17.8%  
Mr C M L Argent*  
Mr D P M Armstrong*  
Dr G W Bibby  
Dr J Connor  
Mr R J Davies**  
Mr D M M Dutton***  
Mr J A Edwards  
Captain A Ferguson  
Mr M R P Hayles  
Dr P T Jackson**  
Professor R M Loynes**  
Mr D A A Marshall  
Professor J Monaghan  
Mr A W Moss  
Mr R H N Salmon*  
Dr M A Stroud**  
Mr H E Williams*  
Dr D R Woodall**  
Mr B Yates***  

1963  
Participation rate: 28%  
Dr R V Aldridge*  
Dr R Barras  
Mr A M Brandeis  
The Reverend Dr T W Broadbent  
Dr J H Brunton**  
Dr G A Butlin  
Mr W H Cowell  
Professor E J Craig  
Mr T S Culver*  
Professor S T de Grey***  
Mr P B Goldstein
Dr O Hargrave
Dr W S Howells
Dr D P Knight
Mr H F A Marriott***
Mr J R Mason
Mr A G N McLean
Dr M M Menke
Dr D C Pinder
Mr M J Platts
Professor R B Pynsent***
Mr G K Rock-Evans**
Mr J C Q Rowett
The Reverend A W Shaw
Mr R J Tarling*
Mr G R Taylor
Mr F E Toolan***
Mr R M Walker**
Mr D G Watson*
Mr J H Wilkinson
Dr E D Williams
Mr F J Wilton
Mr N E Wrigley**

1964

Participation rate: 12.6%
Mr J A Ballard*
Mr G M Coomber
Professor T W Cusick**
Mr N J Denbow***
Mr M G Dixon
Dr F A Dvorak
Dr M J Green
Professor R Jackman*
Dr D C Lancashire
Mr R R Loe
Professor D E Luscombe**
Mr A D McLaren
Dr C J Myerscough
Mr T L Rees
Mr N R Seymour-Dale**
Rt Hon Dr Gavin Strang
Mr C J Village
Mr R J Walters
Mr J Waters**

1965

Participation rate: 14.7%
Mr S J Barber
Dr J S Barton

Mr A G Brown
Dr A Burton
Dr J R Crabtree***
Dr N W Dean**
Mr J R Edwards-Moss
Mr N S Gamble
Mr C Harvey**
Mr S J Hoather
The Reverend P W Hockley
The Reverend J Johnson
Mr T A Key**
Mr M J Kingsley
Mr H S Lake**
Mr C P S Markham***
Dr J H Musgrave
Mr G R Patey
Dr T L Roberts**
Mr G K Sampson
Dr E R D Scott
Dr R F Smith
Professor R C Spear*
Dr P N Trewby***
Mr N Wilson

1966

Participation rate: 14.6%
Mr S D Andrews
Dr R C Barklie
Mr J J Barrett
Professor R J Bromley
Mr A P Docherty**
Mr A R Eastwood
Mr J K Farrell
Mr P Flake*
Sir Peter Gershon
Mr A E Gladwin
Dr D R Grey***
Mr J Hazelden*
Mr T C W Ingram**
Professor B Jarrott
Professor D B Kittelson
Dr E T Libbey***
Mr G H Lock**
Mr P N Locke**
Mr N R E Miskin**
Professor D M G Newbery**
Mr D B O’Callaghan
Mr I Partridge
Mr M K Redhead**
Dr D M Schwartz**

** 1967
Participation rate: 14.6%
Mr A P Begg
Mr J E Berriman*
Mr I Carnaby**
Dr A JCole*
Mr R H Douglas
Mr R T Eddleston
Mr G R A Gomberg*
Mr M E Harper**
Dr P Hilton*
Dr M A Keavey
Mr R G Larkin
Mr S J Longbottom
Dr D R Moore
Ms C H Northeast
Mr M M Otway**
Dr E W Powell
Mr A V Ramsay*
Mr T D Richmond
Dr D S Secher
Mr R Slack
Mr M A Smyth
Mr W L Stow
Mr M E Trier

1968
Participation rate: 13.9%
Mr S O Awotunde
Dr G S Booth***
Mr M J Bowden
Professor J R E Challis
Mr M F Dixon
Dr G Evans**
Mr I M Gardiner
Professor D J Hamblin
Mr A J Hutchinson***
Mr S J S Ickringill
Mr D S Levin
Mr R Maslin
Dr R G G Mercer
Dr P Mitter
Dr S A Mitton
Mr J M Mullen
Dr D J Norfolk***
Mr A H Rosenberg***
Mr A L Smith

1969
Participation rate: 14.4%
Professor R Adrian
Mr F J P Doherty
Dr J G Farrington
Mr C N Fraser
Mr M R Frith***
Mr S Green
Mr T F How
Mr J S Jolley
Dr D M Jones
Mr M Kirby-Sykes
Dr G S Lucas
Reverend Professor D N J MacCulloch
Professor D C A Mant*
Mr J M McGee**
Dr T J Mead
Professor D T Meldrum
Mr P Merson**
Dr P P Morris
Mr J M Pocock**
Mr D A Robinson
Professor J K M Sanders
Mr R F Squibbs*
Mr P L Stanton
Dr A Stevens

1970
Participation rate: 14.5%
Mr P G Bossom*
Rear Admiral T Chittenden
Mr N J P Cooper
Mr M Cowan*
Mr MV Crabtree
Professor M C Flemings
Mr P R A Fulton**
Mr P Gailunias
Mr N A W M Garthwaite**
Dr R J Grant
Mr W M Kinsey*
Professor A V P Mackay**
Professor B R Martin
Dr M J O’Connor
Mr C S Pocock*
Mr D Potts*
Mr G R A Sellers***
Mr C Stephens
Mr R W Upton
Mr P C Wakeling
Dr B R Walters
Mr I S Wilson**

1971

Participation rate: 15.9%
Dr D Armstrong
Dr R H Atkinson
Dr R D Bremner
Mr M A Brinded
Professor P Farrell
Professor A Gillespie
Mr P M W Gover
Dr J I Grayson
Mr R J Hall
Dr P E Highfield
Mr J C R Hudson
Dr G J Le Poidevin*
Dr M A Ledwich
Dr P J Mole**
Mr L M Peden
Professor J R Rice
Dr I R Scott***
Mr N C Sherwood
Mr J A Shields
Mr D C Stevenson
Mr W G Taylor**
Mr N M Trier
Mr G P F Vincent
Dr J M Wenn

1972

Participation rate: 17.6%
Mr H W Brockbank
Mr J B M Cavanagh
Mr H A J Davies*
Mrs K V D Dresdner (Broemer)
Dr A R Felthower
Professor A Finch
Dr A L R Findlay
Professor R A M Galbraith
Dr A N Hobden
Mr J Ingle**
Dr M A Johnson**
Mr J M W Jones
Mr T H Jones***
Mr T R Joyce
Dr K J Meyer
Dr W E Munsil
Dr J R Nicholas

Dr T L L Orr
Dr C F Palmer
Mrs R H Parr (Hunt)
Mrs D Potts (Black)*
Professor J Rosenberg
Dr D R Speth
Mr J D M Tickell
Mr T N Wallach
Mrs S M Walton (Mackinney)*
Mr R C Wenzel****
Mr R M Witcomb
Mr A R Woodland***
Mrs I M Woodland (Waghorne)***
Mr I L Zant-Boer

1973

Participation rate: 16.7%
Mr J G Bennett
Mr P J Blythe
Mrs W Blythe (Knowles)
Ms T M Brown
Mrs H Cave (Perry)
Dr R P Cleaver
Ms M S Dixon
Dr C A Elliott (Mills)*
Professor J Elliott*
Dr F G Furniss*
Mr P M Goodland*
Dr H C Gorton
Dr J Grzeskowiak (Ellison)**
Dr N Grzeskowiak**
Professor Sir John Gurdon*
Mr I G Hatfield
Mr D M Johnson
Ms R Johnston**
Ms V C Jolliffe**
Dr O T Jones
Dr D R Kendall
Professor A Light
Ms T F Mainstone
Mrs S Makoieva (Wilson)
Professor C J McMahon
Professor N S Ndebele
Dr K F Palmer
Ms K Riviere
Mr A C Schofield
Professor M J R Stark**
Mr G A Thomson
Mr R E Williams
1974
Participation rate: 9.6%
Mr A C Allsop
Ms C E Blackmun*
Ms C Cambridge
Dr J A K Cave
Mr P R Clarke*
Mrs J E Goodland (Terry)*
Dr J P Hale
Dr R W Holti***
Ms A M Kosicka
Ms I Manners
Professor J H Marsh***
Dr S Oldfield*
Mr M A W Prior
Mr A P Reed
Mr M K Rees***
Mr A Riley
Mrs J E Whiteley (Houghton)
Mrs C Williams (Varley)

1975
Participation rate: 9.1%
Mr D Armstrong
Mr P W Bennett
Mrs A A Canning (Jarrett)**
Professor C Claoué de Gohr
Mr N G Clemo
Mr D F Coates
Mr I R Coles
Mr A Cullen**
Mr M F Dawson
Mr D P D'Cruz
Mr N J Hazell*
Mr A R John
Dr D S Morris
Dr D E Reynolds**
Dr R A Reynolds (Dixon)**
Professor D A Rothery
Mr A P Townend
Dr G S Tyndall

1976
Participation rate: 9.6%
Mrs J Armstrong (Hickman)*
Mr R P Bailey
Dr I L Bratchie*
Professor D Epel
Dr C Fraser**
Mrs A M Gill (Bradshaw)
Mr S L Gill
Mr P D Goldsborough
Dr D H Jaffer*
Professor P A Kalra**
Dr F Lamb*
Mr A Moore
Mrs S Pearce (Bailey)**
Mrs L Robinson (Jacobs)
Mr S M Robinson
Mrs J E Salmon (Mathie)*
Mr A Sternberg
Mrs K L Trigg (Clipsham)
Professor U Tuzun

1977
Participation rate: 16.5%
Mr R A Blain
Dr P W Blair
Mrs C Cleaver (Martin)
Mr M J Forshaw
Dr K S Gilroy
Dr C Goulimis**
Dr B E Harrington
Mr J A Hawkins
Professor A F Heavens*
Mr P Hughes
Professor S C Inglis
Dr S Jaffe
Professor T Kailath
Dr S G Martin***
Dr F H King
Professor D Leech-Wilkinson
Dr N D Levine
Dr P L Mitchell
Mr T R Oakley**
Dr M C Ockenden
Ms S M Press
Dr I C H Pullen
Dr G J Smith
Professor M C Smith
Mr J K Stanton
Mrs L F Stead (Bibby)
Mrs S L Stewart (Crampton)
Mr D J Storkey
Mrs I A Thompson (O'Hara)**
Mrs LV Townend (Amer)
Mr R C Weeks
Mr J M Wilkinson
1978

Participation rate: 21.3%
Professor C Bales
Ms S C Berwick
Dr A J Bond
Professor E L Boulpaep
Dr D W Butcher
Professor M D Checkel
Dr T Cooper
Dr H S Crawley
Professor C T H Davies (Stewart)
Dr R M Dixon**
Professor J E Dowling
Mr P J Fernando
Dr R M Fisher
Ms W Franks
Mrs E D French (Medd)**
Mr P C French**
Mr E C Garner-Richardson (Richardson)
Professor M B Giles
Dr S G Goodyear
Mr K A Herrmann
Mrs I Hull (Clark)*
Dr C N Jones***
Dr R I Jones*
The Hon. Mr Justice Lewis*
Dr H F Luckhurst
Professor V Luis-Fuentes
Dr S J Martin
Mrs M C McLure
Mr A J Musson
Mr A T Richardson
Mrs V G Robinson (Rickitt)
Mr D S N Saul
Mr A J Scott
Mrs A C Smith (Slater)
Mr I M Standley
Dr N Theocharakis
Professor M D Thouless*
Professor H A Viles
Dr D Waterson
Mrs J C Welch (Fisher)
Dr D B White
Mrs J M Blair (Bell)
Dr J H Bryce
Dr S J Cotterell
Mrs L A Doble (Kendall)*
Mr A P Duff**
The Reverend J M Dyer (Lloyd)***
Mr A J Foster
Professor Emerita C D Frost
Professor R J Gilbert
Professor M A Goldie****
Dr D J Graziano*
Mr N Hawkings
Mrs C A Hayman (Silvester)
Mr S P Henry
Dr P D Hodson**
Professor T J Jenkinson
Dr P Leighton
Dr W Lewis-Bevan*
Dr A N Mather
Professor E Nye
Dr E A Patten
Mr A G Rogers
Dr W J M Rothwell
Mr C E Sweeney**

1979

Participation rate: 16.7%
Ms S J Angel
Mr S J Aspden
Dr N E Baker*

1980

Participation rate: 13.2%
Mr A S Campbell
Mr B L Collings***
Mrs S E de Candole (Thorp)
Mrs J M Donora (Tyrrell)
Ms S A Dudzic*
Dr D J Eagle
Dr A T Farmer
Dr D C Goodrich
Mr B A Harris**
Ms C T James
Mrs R Jenkinson (Priestman)
Mr L A Z Mirza
Professor C B Osmond
Mr S Parker*
The Right Hon. Lord Sales****
Mr S J Scherr
Mr M H Schwarz***
Mr E P K Shepherd
Mr P R J Smith*
Mr J C Wainwright
Dr A S Wierzbicki***
1981
Participation rate: 13.7%
Mr J A Amias
Mr K Bhargava**
Dr A Blackwell (Jenkins)*
Mr M J Cannon
Mr M W Cattermole
Ms S Clements (Burton)**
Dr T D Cooke
Mr A C Dickens
Ms C T Dixon
Mr K R Doble*
Mr M L Ellis*
Mr A G France
Mrs M K E Gordon (Thomas)
Dr C A Harper*
Dr J A Horrell
Mr I Jones*
Dr R W A Luke
Dr C A McGill**
Mr M J Percy
Professor D O Rockwell
Mr A S Thomson
Dr W Y Tsang**
Ms H A Vyse*
Dr T N C Wells
Mrs K A Woodward (Samy)

1982
Participation rate: 8.8%
Mr T Armitage**
Mr M K Asardag
Mr T J Bond*
Dr N S Brabbs
Ms A Calvert**
Dr A Cooper
Mr W J Farrant
Dr D Hall
Mrs T A Hall (Prosser)**
Mrs S Hawking (Frederick)
Dr J C Horton
Dr M D Jacobson
Dr D W Peate
Dr A M Pullen
Mr S D Rothman**
Mr M T Rutter**
Professor K Siddle
Mr M Y Watterson

1983
Participation rate: 4.3%
Mrs S G Brown (Clark)
Ms J L Bryant
Mr R I Coull**
Dr A M Lewis**
Mr R J Miller**
Professor T D Pollard
Dr C D Scrase**
Dr R G Shenoy
Mr M Zelazkiewicz

1984
Participation rate: 8.6%
His Excellency Dr H b J Al-Dhaheri
Professor K Asanovic
Ms T Buckpitt (Buckpitt)
Dr D A Chaplin***
Dr A H Crossman
Mrs G M Dambaza (Bruce)
Dr R T Elias*
Mr M S French
Professor M Jaspars
Dr S J Kukula**
Mr N J Luhman
Mr P N Mainds
Mr R L Patterson***
Mr J J H Reilly***
Mr J A Stark
Mr E Steedman***
Mrs M Thimbleby (Butler)
Mr G R Tillman**
Dr S F Williams

1985
Participation rate: 11.2%
Mrs R A Barker (Clarke)
Mr A I Blyth
Dr S P Churchhouse**
Mr M A Craven***
Mr A C Dean*
Mr R H T Dixon**
Mr D J Edmonds
Professor Sir Michael Gregory
Mrs D Hines
Dr F J Hoar
Dr R K Jain
Mr S Jennaway
Mr A W S Jones***
1986
Participation rate: 6.3%
Mr A M F Bailey***
Mrs J C Edmonds (Dann)
Dr M W Johnston**
Dr V M Kamath
Mr C C J Ling
Mrs C E Pope (Rawlinson)
Mr R J Thomas*
Professor R B Thorpe
Mr J M Walker
Dr C J Walter
Dr J P Wangemann
Mr A C Worrall**

1987
Participation rate: 10.9%
Dr R J Black**
Mrs K Brown (Hadi)
Ms V S Connolly*
Mr P J Gilliland
Dr J N Glickman
Dr J R Hobdell*
Mr A C Innes**
Mr R H Khatib
Mr I M Lawrie**
Dr C E Lee-Elliott***
Mrs C H Narracott (Crocker)**
Ms G Nurse***
Dr K M Pang*
Mr B J Patel***
Dr V J Pinfield (Rothwell)
Ms C P Salters
Ms R C Stott
Mrs I J Tooley (Bush)
Mr S M Tooley
Ms J Turkington***
Professor Dr O van Nijf

1988
Participation rate: 9%
Dr V L Beattie
Dr A J Brown**
Dr W G Burgess**
Dr P A Catarino**
Professor J R D Coffey**
Mr D C Ireland
Professor A Jenkins
Mr G C Lambrou
Mr J S Morley
Mr B Mulvihill
Mr S G Narracott**
Mr A Sandy
Dr I Stephenson
Mr A J Tylee
Mr D G Wilding
Mr J M Williams
Professor A E Willis

1989
Participation rate: 7.5%
Mrs H C Arrowsmith (Oxtoby)
Dr H Ashraf*
Ms J L Bent
Dr P M Bird
Mr L R Crisp
Mrs S C Galloway*
Mr J A L Hart
Dr C M Hicks**
Mrs M E Ker Hawn (Ker)
Mr J P Lucas**
Dr O D Lyne*
Mr LC N Martin
Mrs N Martin (Young)
Mr S D Morrish*
Dr P J Parsons*
Dr A W Stephenson*
Dr S H Zaman

1990
Participation rate: 6.9%
Dr A J Ball***
Dr T A Bicanic*
Mr J J Bisseker
Dr V A Carreño
1991
Participation rate: 10%
Dr R Beroukhim*
Mr D S Boyle
Ms C R Brett**
Ms C A Bromley
Mr J Chaudhuri
Mr P R A Fidler
Mr D M Fineman*
Mr K N Forster
Mr P T W Harrington***
Ms R T Hemsley
Dr J W D Hobro**
Dr A L Karimu
Ms E Lagendijk
Mr J R Lenane
Professor E B Perrin*
Mr D P Raftis
Mr B H A Robinson**
Ms G Taylor
Mr E D Wright
Mr K Yogasundaram

1992
Participation rate: 8%
Mr S J Aitken
Dr D J Bernasconi***
Mr L R Brown
Mrs C A Folley
Dr S J Ford (Masters)
Mr F W Heine
Mr M P Honey**
Mr C E Martin
Mrs E McWilliams (Hyde)
Mr M W Middleton
Professor I Milisav-Ribaric
Mr J W Palmer

1993
Participation rate: 10.3%
Mr A M Aicken
Mrs J Falconer-White (Falconer)
Mr J R Gale
Mr J M Gibbs***
Mrs H Groves (Maudsley)
Mrs J Gwilt (Smyth)*
Mr A P Hall*
Mr A J Lambert*
Mr R M Little*
Mr D R Murphy
Dr A J Pauza***
Mr A Pepperell
Dr K Pichler*
Miss A C M Scott-Bayfield**
Dr T A Sevitt
Mr T J Shipman
Mr C W Smick***
Mrs L M Smith (Bayley)
Mr S P Smith
Dr D R Tray**
Mr A D Twiss
Ms V Vukmanovic (Roberts)
Mr M H Wallis
Dr W Wheatley (Cooper)

1994
Participation rate: 10.2%
Mr L Ashton***
Mr B O Brierton**
Dr K H Brierton (Pratt)**
Mrs C Dixon (Strutt)*
Ms M F Fahey
Dr T L Harris**
Mr M S Hoather**
Mr M J Hubbard
Mrs A N King
Dr H J Knowles
Professor M H Kramer*
Professor R V E Lovelace
Mr A C Matthews
Mrs W Middleton (Mah)
Dr Sally V Milligan (Brasher)
Mr C H Palmer*
Professor J R Powell
Mr W J Ramsay
Professor P N Richens
Professor S D Silver**
Mr R G Stamp***
Professor D L Stern***
Mrs S F Tickle (Hanley)***
Mrs A Tucker (Ginnelly)
Professor D J White

1995
Participation rate: 5.8%
Mrs K Anastasi (Prodromou)
Professor A J Barr
Ms L C Berzins*
Mr M R Brazier***
Dr P Brendon
Mr S P Bridge
Dr J K Fawcett
Dr D Joinson*
Mr A K-H Kan
Mr P McCarthy**
Ms B T Murphy
Mr H Vukmanovic

1996
Participation rate: 7.7%
Professor A Boksenberg
Dr C Burt
Mr D B Christie**
Mrs S J J Christie (Chou)**
Dr R I Hammond
Mr J A Goldstone
Professor D J Goodings
Dr Z Hollowood (Jones)
Mr A P C Jones
Mr O Kennington
Dr H T Lim
Dr E Merson
Mrs E Norton (Lilley)
Dr C O’Kane**
Ms C A Pye
Dr D J M Sampson
Mrs K E Sydow
Miss M M E Thompson

1997
Participation rate: 4.8%
Dr J W J Akroyd
Dr B L Bircumshaw
Dr A G Buckley
Dr P Cowans
Mr S N de Neumann
Mr C Howell*
Mrs S Leggott (Alexander)
Ms A M Mackenzie
Mr T R Walker

1998
Participation rate: 5.1%
Professor A Boksenberg
Dr C Burt
Mr D B Christie**
Mrs S J J Christie (Chou)**
Dr R I Hammond
Mr J A Goldstone
Professor D J Goodings
Dr Z Hollowood (Jones)
Mr A P C Jones
Mr O Kennington
Dr H T Lim
Dr E Merson
Mrs E Norton (Lilley)
Dr C O’Kane**
Ms C A Pye
Dr D J M Sampson
Mrs K E Sydow
Miss M M E Thompson

1999
Participation rate: 5.7%
Dr K E Bell
Mrs K A Cotton (Yarwood)
Mr W J A Courtenay
Dr C E Finlayson
Dr A P Jardine*
Mr J Justus*
Mr N I Khawaja
Dr A Park
Mrs D Resch (Christian)*
Mrs R Rodgers (Lucas)
Dr A Sampson
Dr C Yeung**

2000
Participation rate: 6.7%
Dr E A Addiego-Guevara
Dr P A Booth*
Mr R Botero*
Dr K C C Cheung
Mr N Crews**
Dr M Ferme
Mr G F Hart
Mr C D Leow
Mr A J Micallef
Dr M Miller
Mr A J Milne*
Dr D Osborne
Dr J Parisi
Mrs R Pellet (Orr)
Dr C Rossi
Dr N Taylor
Dr D C Thompson
Dr J Thompson (Su)
Professor C Tout*
Mr A A Weiss
Mr T P Whipple**

2001
Participation rate: 3.7%
Mr A Bannard-Smith*
Mrs E Booth (Lambert)*
Dr S R Griffiths
Mr M R G Mkushi
Professor L Riddiford
Professor J Truman

2002
Participation rate: 7.3%
Dr U Akuwudike*
Professor R Bertelsen
Dr H Chappell
Mr A J Chappelow
Dr S Goonaratne
Mr C E Hack
Dr F S Karababa
Dr F W Kienhofer
Mr H Li
Mr T J Mamtora
Mr M H Milhan
Mrs H O Mkushi (Balogun)
Mr P D Nery
Mr A Packwood
Dr S E Rose
Mr L E Weir
Professor A Yasukouchi

2003
Participation rate: 4%
Ms H Bailey
Mr M Clay
Dr B Greenhalgh
Mr A Pointon
Dr G Procopio
Mrs M Taylor (Hart)
Mrs J C Weir (Morgan)
Ms P L Welsh
Ms B Zygarowska*

2004
Participation rate: 2%
Mr B E G Bezine
Dr V E Maybeck
Mr F Money
Mr T P F Robson

2005
Participation rate: 5.5%
Dr A Adeyemi
Ms D Chen
Mr H Y K Low
Mr P Mak
Mr E Moffett
Professor A Nathan
Mr S Ortega
Mr B K Y Shin
Dr J Silvia
Mr A J Woodland
Mr J W H Yuen

2006
Participation rate: 3.9%
Dr S Boss**
Ms X T Fu
Mr C Macgregor
Dr B Ochoa Montaño
Dr A Taylor*
Sir David Wallace
Lady Wallace
Ms H Wang
Dr I Wassell**
Mr S Williams
Mr Z Zhang
2007
Participation rate: 4.4%
Mr D Brannan
Miss E Burrow
Dr A Collins
Mr D Gavshon Brady
Professor J Hart
Dr S Jones
Mr R Partington**
Mr S Richards*
Dr E Russell

2008
Participation rate: 7.3%
Dr S Bandara
Mr C Campbell
Mr T Charoen-Rajapark
Mr A Cruickshank
Ms J Dunne
Mr J Dyer
Mrs A Evans (McGlinchey)
Mr A Georgiou
Mr N Jackson
Dr C Lam
Dr B Roullier
Mrs B Roullier (Corns)
Dr P Russell
Mr A Smith
Mr P Tinton
Mr P Whiteley
Mr M Yates

2009
Participation rate: 6.2%
Dr K Bandara
Ms F Beresford
Mr B Ding
Miss A Edge
Dr G Farmelo
Dr S Hill
Professor B Hobbs
Professor K Janoyan
Miss K Rogers
Dr S Scellato
Mr H Tang
Ms J Trainor
Mr A White
Mr D Wong

2010
Participation rate: 4.6%
Dr S Bittleston
Mr M Cohen
Ms D Engel
Mrs A Glover (Mirza)
Miss E Lau
Dr H Liu
Mr T Milburn
Mr D Pennefather
Mr P Rawlings
Mr S Sabo
Mr P Sadler

2011
Participation rate: 3.9%
Dr X Bian
Ms A Cabico
Dr N Cutler
Dr M E Eriksson
Dr Y Flory
Mr A Howe
Ms X Hu
Dr S Isaac
Dr K Misiunas
Mrs D Wightman
Dr R M Wightman

2012
Participation rate: 5.4%
Professor H C Berg
Mr J Blackburn
Mr J Goodman
Miss A Hamilton
Mr Z Hasan
Dr M Horvat
Dr L Jardine-Wright*
Dr W Liu
Dr W Meng
Dr R Sidortsov
Mr M Sim
Mr V Vasudeva
Mr F Vateman
Miss Y Yan

2013
Participation rate: 3.2%
Mr C Chang
Professor J Evans
Mr G Funk  
Dr R KC  
Professor J Shull*  
Dr J Toner  
Mr V Vlacic

2014  
Participation rate: 2.4%  
Professor Dame Athene Donald  
Mr E Farrar  
Dr M Lu  
Dr O Magens  
Professor J Mei  
Dr T Sasaki

2015  
Participation rate: 2.1%  
Dr R Daly  
Dr M Donald*  
Ms M K Konara Mudiyanaselage  
(Karunarathna)  
Miss N Morgulchik  
Dr P Sloman

2016  
Participation rate: 1.1%  
Mr K Schwonik  
Dr S van der Linden  
Mr P Zou

2017  
Participation rate: 1.9%  
Mr E Bedmar Fresneda  
Mr M Derenthal  
Mr L Ghins  
Ms Francisca A Malaree  
Miss A Mirosievic-Sorgo  
Mr B Reddy

2018  
Participation rate: 0.7%  
Dr S Cox  
Professor D Coyle

Friends of the College  
Mr J L N Aitken  
Dr D Barker  
Dr P Beim  
Dr B W Blouet

Mr R Bousquet  
Reverend C Carson*  
Ms J D Cockcroft**  
Mr F J Deegan***  
Mrs V Dixon  
Ms C Flaherty  
Mr B Foote  
Mr M Gavin  
Professor Emeritus T Geballe  
Ms C Harper  
Dr M Hawn  
Mr J Hopkins**  
Dr A Jarrott  
Mr G Khachaturov  
Mr M Kitson  
Professor P Landrock  
Mrs S Lee*  
Mr & Mrs W M Levy  
Mr C Lindig  
Ms L Luckevich  
Mr M McCarthy*  
Mrs M McCarthy*  
Mrs M Miller  
Dr M Morse  
Mr M Nussbaum  
Ms D Papagianni  
Mrs E Peters  
Mrs R Powell  
Dr J Principato  
Mrs A Pyke  
Dr JRanelagh  
Dr B Richardson  
Ms C Roskill  
Mr N Roskill  
Mr T Roskill**  
Mr M Schapiro  
Ms J Schultz  
Dr N Sekar  
A Taylor  
Mr J Upton  
Professor C Vout  
Mr & Mrs Weston  
Mr K Wildenthal  
Mr J Zirin

Organisations  
Amazon Associates  
Amazon UK  
British Broadcasting Corporation (BBC)
BT
Cambridge Reproduction SRI
Capital Group
Churchill Heritage Limited
Ciconi Ltd
Cryptomathic Limited*
Federation of Shenzhen Commerce (FSC)
French Government*
Google Matching Gifts Program
Jane Street Europe Ltd
MathWorks
Microsoft Corporation*
Pen & Sword Books Ltd
Schlumberger Cambridge Research Limited*
The Arthur & Gillian McLean Stewardship Fund
The London Women’s Clinic
The Walt Disney Co Ltd
Theramex HQ UK Ltd

**Trusts and Foundations**
BP Foundation
The Edwards-Steptoe Research Trust
The Gatsby Charitable Foundation
Morgan Stanley Smith Barney Global Impact Funding Trust, Inc.
Rushbrook Charitable Trust**

+ 92 anonymous donations

* Donors who have been giving for 5 or more consecutive years
** Donors who have been giving for 10 or more consecutive years
*** Donors who have been giving for 15 or more consecutive years
**** Donors who have been giving for 20 or more consecutive years

Legacies have also been received by the College from the following Estates:
The estate of Mr J A Bonser
The estate of Mr T P F Drake
The estate of Mr A D France
The estate of Mr M Lewis

All care has been taken to ensure the accuracy of this list. However, if there are any errors, please accept our apologies and inform the Development Office if your gift has not been recognised. We will ensure your name appears in the next issue of the Review.

To make a gift please visit www.chu.cam.ac.uk/donate/amount/
Donations to the Winston Churchill Foundation of the United States 2019–2020

We are very grateful to all the following who have chosen to support Winston Churchill Foundation of the United States. All those listed below have made a gift during the period 1st July 2019 to 30th June 2020. (N.B. Gifts made after this date will be acknowledged in next year’s Review.)

Dr B Abella 1992
Dr K Abkemeier 1990
Mr V S Abrash 1986
Mrs J Adrian
Mr R J Adrian 1969
Dr J A Ankrum 2007
Apple Matching Gift
Dr J A Bagger 1977
Dr M Baldonado (Wang) 1990
Dr C F Batten 1999
Dr V L Beattie 1988
Dr K M Beck 2009
Dr L K Benninger 1969
Dr R Beroukhim 1991
Dr L Bloom 1985
Dr P N Blossey 1992
Dr A Bluher (Wilson) 1983
Dr G S Boebinger 1981
Dr D Bomse 1975
Dr J M Bossert 1996
Dr J Boyan 1991
Dr M Brenner 1965
Mrs D L Brice
Mr D D Burrows
Mrs N Burrows
Dr V Callier 2006
Dr A M Cody 2003
Dr P A Cole 1984
Dr S N Coppersmith 1978
Dr C Crissman 2006
Dr D C Dankworth 1986
Dr S Danoff 1985
Dr N W Dean 1965
Dolby Matching Gifts
Dr J W Downie 1983
Dr R O Dror 1997
Dr A C Durst 1996
Professor R Dutch (Ellis) 1986
Dr T Dutta
Mr B Dyer III
Dr G Ellison 1987
Dr S Ellison (Fisher) 1987
Dr W Feehery 1992
Mrs D L Fields III
Dr J N Fields III 1971
Dr D A Fike 2001
Mr C Finch 2014
Mr J Finlay 2018
Ms D Foster
Mr D Fried 2014
Mr M J Gabelli
Dr T A Gay 1973
Mr P A Gerschel
Dr J N Glickman 1987
Dr L M Gloss-Lessmann 1988
Dr A Goldberg 1963
Google Matching Gifts
Dr N W Gouwens 2003
Dr Y H Gray 1996
Dr I N Gray 2004
Dr K E Gray 1965
Dr D J Graziano 1979
Dr D Green 1994
Dr K Griffith 2013
Dr D A Guaspari 1969
Dr N R Guydosh 2001
Mr R J Hall 1971
Dr J R Hampton 1995
Dr D A Hinds 1998
Dr S P Hmielewski 1980
Dr D K Holger 1971
Mr R A Hutchinson 1981
Ms C Hwang
Intel Foundation
Matching Gift
Mr T H Jones 1972
Dr E W Kaiser 1964
Dr K M Kalumuck 1974
Dr A Kasam 2014
Mrs A Katz
Dr E R Katz 1966
Dr J R Kennedy, Jr. 1987
Dr D B Kittelson 1966
Dr J E R Kolassa 1985
Dr D K Krug 1999
Dr J D Kulman 1992
Dr M Y Lanzerotti 1989
Mrs S Leaf-Herman
Dr W A Leaf-Herman 1984
Mr J Lenchnir 1981
Dr A D Levine 2000
Dr S R Levinson 1970
Mr D A Lind 1968
Mr X Liu
Mr J L Loeb, Jr
Dr N M Loening 1997
Mr N R Love 2005
Hogan Lovells US LLP
Dr T S Masuripur 2009
Ms M McPherson 2014
Medtronic Foundation
Matching Gift
Dr J E Mehren 1997
Dr K J Meyer 1972
Microsoft Matching Gift
Dr A A Middleton 1984
Ms S E Miller 2015
Professor D A Mix
Barrington 1981
Dr P C Monaco 1989
Mrs P Monaco

DONATIONS 59
Dr E Q Mooring 2013  
Dr P J Mucha 1993  
Dr L Mueller 1988  
Dr W E Munsil 1972  
Dr J G Murnick 1994  
Mr N Naclerio 1983  
Dr D B Neill 2001  
Dr G R Newman 1973  
Dr K K Niyogi 1986  
Marcia and Jared Nodelman  
Charitable Trust  
Dr A B Nobel 1985  
Dr M Okumura 1979  
Dr J C Olson 1986  
Mr C B Osmond  
Dr P Patrikis  
Mr A Pekker 2001  
Pfizer Foundation  
Dr L M Phinney 1990  
Dr C K L Phoon 1985  
Dr WW Phoon  
Dr A J Pollard 1977  
Dr A A Potechin 2009  
Dr E Rains 1991  
Dr P E Rapp 1972  
Dr J P Reilly 1972  
Dr E E Riehl 2006  
Dr M O Robbins 1977  
Dr M K Rosen 1987  
Mr A H Rosenberg 1968  
Dr B M Rubenstein 2007  
Dr E R Russell 2007  
Dr F D Russo 1986  
Mrs G Russo  
Mr T A Russo  
Dr J M Sabloff 1996  
Dr J Savitskaya 2012  
Ms J E Schaeffer 1974  
Dr S J Scherr 1980  
Dr K V Sharp 1993  
Dr S J Shefelbine 1997  
Dr M Shulman 2002  
Dr J S Silvia 2005  
Dr E H Simmons 1985  
Dr K T King Siwicki 1977  
Dr A K Smits 1993  
Dr F J Sottile 1985  
Dr D R Speth 1972  
Dr D B Stern 1981  
Mrs K Stern  
Mr J Sundar 2018  
Mr V Sundar  
Dr D M Thomson 1994  
Dr P M Todd 1985  
Dr Y Tseng 2003  
Dr R R Tupelo-Schneck 1997  
Dr S Vadhan 1995  
Dr J P Wanderer 2003  
Dr J P Wang 2011  
Dr P S Ward 2005  
Dr D H Wesley 2000  
Dr J J West 1994  
Dr S E Whitcomb 1973  
Dr A J Wolpaw 2003  
Dr D J Wright 1977  
Dr D R Wright 1982  
Dr S E Wunsch 1992  
Mr J P Yesinowski 1971  
+ 3 anonymous donors
Members of the Winston S Churchill 1958 College Society

We are very grateful to all the following who have chosen to support Churchill College by leaving a gift in Will. All those listed below have been formally admitted to the WSC 1958 Society at the annual gathering of members, and have given permission for their names to be listed.

Mr M R Adams 1980
Dr E Allan
Mrs J K Bacon 1974
Mr N Bacon 1974
Dr A F Bainbridge 1964
Mr W A Bartlett 1985
† Mrs B Bielstein
Dr G Bielstein
† Sir John Boyd
Lady Boyd
Mr J H Burton 1961
Mrs M Burton
Dr S Churchhouse 1985
Mr M A Craven 1985
Dr A J Crisp
Professor T W Cusick 1964
Dr N W Dean 1965
Mr M G Dixon 1964
Mrs V Dixon
Mrs J M Donora 1980
Professor S B Dunnett 1969
Mr D M M Dutton 1962
Mrs S Elliott
Mr G Farren 1966
Dr A-M T Farmer 1980
Dr H Farmer
Mr P R A Fulton 1970
Mr N A W M Garthwaite 1970

The Rt Rev J W Gladwin 1961
Mrs J E Goodland 1974
Mr R Gregory 1979
Mrs P Green
Mr S T Green 1961
Dr S K Greene 1983
Mr S Gupta 1983
Mrs G A Guthrie
Mrs D Hahn
† Professor F Hahn
Professor A Hewish
Mr S Higgison 1982
Dr D S Hoddinott 1963
Mr J Hopkins
Ms V C Jolliffe 1973
† Professor A Kelly
Mrs M Ker Hawn 1989
Mr R G Larkin 1967
† Mr M A Lewis 1964
Mr G S Littler-Jones 1965
Mr G H Lock 1966
Mr P N Locke 1966
† Dr F W Maine 1960
† Mr J R Maw 1964
Mrs M Miller
Dr S A Mitton 1968
Dr J H Musgrave 1965
Mr A Peaker 1964
Dr C G Page 1965
Mrs S Page

Mr J G Potter 1963
Mr M A W Prior 1974
† Mr G C Pyke 1963
Dr P J Reed 1961
Mr M K Rees 1974
Dr S-J Richards
Mr A T Richardson 1978
Mrs B Richardson
Mrs V Robinson 1978
Mrs B Salmon
Mr R Salmon 1962
Mr R M Shaw 1972
Mrs N Squire
Mr D Stedman
Mr V Stedman
Miss R C Stott 1987
Sir John Stuttard 1963
Lady Stuttard
Dr M Tippett
Mr F E Toolan 1963
Dr P N Trewby 1965
Sir David Wallace
Lady Wallace
Dr A J Walton 1960
Dr A H Wild 1968
Mrs B Wilson
Mr I S Wilson 1970

For further information and advice on how to make a legacy gift to Churchill College please visit www.chu.cam.ac.uk/alumni/giving-College/legacy/
SPOTLIGHT ON...
‘The scientist … must always be prepared to deal with the unknown. It is an essential part of science that you should be able to describe matters in a way where you can say something without knowing everything.’

Sir Hermann Bondi
The Good, the Bad and the Ugly
The Media in the Time of COVID: Some Personal Reflections

Professor Sir David Spiegelhalter, a Churchill Fellow, was very much in demand as a renowned statistician during the COVID crisis. He was interviewed on TV and radio many times, wrote numerous articles giving the stats about COVID (as the data were published), was quoted, mis-quoted or misinterpreted many times. Here David reflects – with a good dose of humour – on the ‘good, the bad and the ugly’ of the media in the Time of COVID.

Imagine being about to appear live on the main BBC News bulletin before the daily COVID briefings, face blown up on a huge screen on a wall beside the presenter, not knowing what questions were going to be asked. This is fairly terrifying at any time, but under lockdown you can see none of this, since you are sitting at home in front of a completely blank computer screen, staring at the green dot of the webcam and realising that at any moment millions of people will be seeing the inside of your house.

I had wanted to have a quieter year as I settled into retirement but, as for so many, coronavirus arrived and messed up these plans. The virus has brought illness, death, anxiety and massive disruption to peoples’ lives. It’s also brought an epidemic of numbers, and a constant demand for statisticians to explain them.

In 2007 I changed my career and became the Winton Professor for the Public Understanding of Risk in the Statistical Laboratory of the University of Cambridge, and a proud Fellow of Churchill College. I was also introduced into the world of the media. I had received excellent media training from my previous employer, the Medical Research Council, and since then had got some
experience in doing radio and TV interviews, fronting some documentaries, and writing journalistic articles. I tried to learn from my (numerous) mistakes, and enjoyed occasional appearances on Radio 4 discussing issues around risk and statistics. I had a moderate following on Twitter.

But nothing had prepared me for the demands of the last 3 months, when suddenly it appeared that anybody with a background in medical statistics could find themselves unlimited media coverage, provided they could string three faintly coherent words together. Looking back over this exhausting period, my experiences fall into three main categories.

The Good: Feeling needed

It’s been a seller’s market. ‘Expert’ opinion and explanation has never been in such demand, and when backed by the Cambridge brand, has meant constantly turning down offers of articles, radio and TV appearances. Most journalists have acted very well, perhaps because they needed us so much, really trying to understand the issues, reporting reasonably accurately, being clear whether conversations were on or off-record, and even sometimes allowing quotes to be checked (which is usually very rare).

More or Less on Radio 4 has been wonderful, of course, and there’s even been statisticians on Andrew Marr.

The Bad: Feeling misunderstood

In a complex COVID world, there are inevitably misunderstandings. My worst example was after I claimed in March that roughly speaking, initial estimates suggested that the risk of death following infection was roughly similar to the risk of death from other causes over the whole of 2020, so that getting COVID was like packing a year’s worth of risk into a few weeks. Unfortunately, the message that COVID risk was about the same as the annual risk was interpreted by some as meaning that it did not increase the annual risk at all! For example, Katie Hopkins tweeted to her million or so followers a version of Figure 1 produced by the BBC, with the message ‘Keeping perspective. Fact based tweet. Corona deaths are NOT outpacing what is normal or usual. Graph from Prof Sir David Spiegelhalter, at the University of Cambridge’.

66 SPOTLIGHT ON…
This led to the headline in the *Sun*: ‘CALMING FEARS Your risk of dying is NO different this year – despite coronavirus pandemic, say expert’. Unfortunately, I was the expert.

This reasoning seems difficult to follow: if I say my apple is the same as your apple, surely it means that there are two apples altogether? But from then on, I tried to make clear that this meant that being infected with COVID roughly doubled the risk of dying this year.

*All excess deaths are now labelled as COVID
Non-Covid deaths now matching early part of year*

Death registrations in Winter 2019/2020 minus 5–year average
(ONS England+Wales, not necessarily week of death)

I also found that the phrase ‘the risk of dying from COVID’ should be avoided at all costs as it is so ambiguous: does it mean the risk *if you get COVID* (as discussed above), or does it mean the risk of a noninfected person both *catching and dying from COVID*? An analysis by the Office for National Statistics reported that Black, Asian and minority ethnic (BAME) groups were about twice as likely, after adjusting for some contextual factors, of dying from COVID, meaning that BAME groups had a higher risk of both getting the disease *and* then dying from it – an unknown part of this excess risk could come from an increased risk of catching the virus, perhaps through coming in contact with more people in their daily lives. But the BBC 10pm News on
May 7th reported that BAME individuals were ‘90% more likely to die, if they became seriously ill with COVID’, which is not what was being claimed and could be very misleading.

Another problem is being expected to be an ‘expert’ on everything numerical: in spite of repeatedly making clear that I could not talk about epidemic models, R, policy recommendations and so on, I was still introduced live on Newsnight as a ‘modeller’.

The Ugly: Feeling manipulated

While misunderstandings are inevitable, some behaviour is less forgivable. I have fallen for the old trick of having a long conversation with a journalist, getting relaxed and forgetting that there was no ‘off the record’ agreement, and then finding that the only quote used is a poorly judged casual comment. Never again – I now try and conduct any on-the-record conversation as if I am in an oral exam, carefully monitoring every word. It’s easier to send in quotes by email.

Perhaps my worst experience was spending ages talking to a TV researcher, agreeing I was there to explain the stats and not to criticise the government, and the very first question live on air being ‘What do you think of the way statistics are presented by xxxx…’, followed by more of the same. This follows the unfortunate pattern of the media being obsessed about either blame for the past, or speculation about the future, neither of which I wanted to talk about.

Amidst the huge suffering brought by this virus, and the great sacrifices made by so many workers and the general public, these seem like very trivial concerns. I feel fortunate to have both kept healthy and actively engaged during the epidemic, trying to bring some (rather basic) statistical insights to the mass of data spawned by this virus. It’s been a challenge, and I am looking forward to a rest. Unfortunately, this virus does not look as if it is in a rush to go away.

David Spiegelhalter
Busier than Ever
The Lockdown of an Economist

Professor Diane Coyle is Bennett Professor of Public Policy at the University of Cambridge and a Churchill Fellow. She has wide experience of how the economy works from her close engagement with public policy and governance alongside her academic work. Here, she explains the work she has been doing during lockdown and how very busy she has found herself. She tells us that the economics community has responded swiftly to the crisis and is producing research relevant to our situation, that economists must prove their worth and that both the need for a strong research base and collaboration across disciplines are greater than ever.

When the word came in late March to switch to working from home, the entire team at the Bennett Institute\(^1\) – about 20 people, two years on from our launch conference at Churchill in April 2018 – had to scramble to make sure everyone had an adequate laptop, had installed the VPN, collected books, and had access to Teams, Zoom, Hangout and all the other online tools with which we have become so familiar. My colleague, Institute Director Professor Michael Kenny and I were concerned to make sure our people were safe, not too disconcerted by the turn of events, and knew to get in touch with us if they needed to.

Busier than ever

So, a busy start to the lockdown was not unexpected. Like so many others, I also found it hard to concentrate for some days. What has astonished me though is how much busier I have been as the weeks have gone by, despite saving time in not scooting to London to talk to policymakers, or around Cambridge to various meetings. Like many researchers, I anticipated having some rare chunks of time to complete or revise papers, or dig into neglected

\(^1\) https://www.bennettinstitute.cam.ac.uk/
data sets. But busy-ness should not have come as a surprise, perhaps: public policy in general and economics in particular are in demand.

Moving to online
The demands have included phone conversations – or Zooms – with longstanding contacts in Whitehall and local governments, posts for the Bennett Institute and other blogs, and media appearances and opinion columns. We had to cancel this year’s annual conference, due to take place at Churchill in April, and replace it with an online publication\(^{2}\). There have been discussions with Institute colleagues about COVID-related pieces of research\(^{3}\) we could contribute (although there is by now too much new pandemic-linked economic research to read each day, so we had better make it distinctive and important). Many organisations have decided they will run online seminars and panel meetings, so every ping announcing new emails seems to bring an invitation to either take part or attend another online event.

Research in the times of COVID
In addition, as the senior independent member and non-executive chair of the ESRC’s Council\(^{4}\), I have been chairing the funding panels for the COVID research call. There are numerous proposals to evaluate, and running the meetings online is a challenge, albeit one to which the panel members and ESRC staff have risen admirably. We are two weeks in, with another month or more to go of weekly meetings. The ESRC Council is thinking about longer-term research priorities too, for the questions needing to be addressed have surely changed. I take part, too, in cross-UKRI discussions about research gaps and how to ensure the country’s research community as a whole can best offer evidential support to the huge range of issues, across all disciplines, raised by the pandemic.

\(^{2}\) https://www.bennettinstitute.cam.ac.uk/publications/bennett-2020/
\(^{3}\) https://www.bennettinstitute.cam.ac.uk/blog/?categories=30
Impressive responsiveness of the economics community

One of the most encouraging phenomena has been seeing the response of the economics community to the crisis. Though I joked earlier about the quantity of research being produced at speed, it is impressive to see such responsiveness, awareness of policy and societal need, and the quality of much of the work being produced. Other social science disciplines have not reacted with the same speed, which perhaps reflects the recent experiences economists have had in the financial crisis and the Brexit debates. In the former case economics was on the receiving end of criticism for the failure of standard models and approaches to predict the crisis; much of the criticism was valid, which prompted one wave of professional introspection and significant new work. In the case of the debate about the economic impact of Brexit, the vast majority of economists are and remain clear that it will be negative (compared to the business-as-usual counterfactual); the shock in this case was the realisation that this near-unanimous view had no traction in public debate. We learned how climate scientists must have felt for a long time.

Research relevant to our situation

Thanks to these two experiences, there has been an extraordinary collective effort by the profession to produce research relevant to our situation, and to curate and communicate it, along with past research of relevance to current policy choices. Thanks to an extraordinary collective effort, seed-funded by the ESRC, this will result in a public-facing web resource available before the end of May, the property of the UK economics profession across many institutions. It will try to respond to the most pressing questions from national and local policymakers, and to provide reliable links and evidence based on sound research for anybody who is interested.

Proving one’s worth

In the months and years ahead the whole research community will need to prove its worth. The UK and other countries were already facing significant collective challenges, not least climate change. In my own field and others it is clear that lots of people, among them a number of Churchill Fellows, are responding. There will be a severe financial impact on higher

---

5 https://coronavirusandtheeconomy.com/
education, yet the need for a strong research base will be greater than ever given the scale of the challenges, scientific and social.

**Stimulating research collaboration across disciplines**

My hope would be that one of the effects of the crisis will be to **stimulate genuine research collaboration across disciplines**, something not yet happening despite the lip-service often paid to interdisciplinarity. Countries cannot tackle the pandemic without virologists or epidemiologists, but nor can they succeed without economists, statisticians, sociologists and political scientists. Yet the UK Government’s SAGE advisory committee has no social scientists among its membership, and universities still organise and promote within departments. In Cambridge one of the joys of College life is conversation across disciplines, and this is certainly one of the motivating principles of the Bennett Institute. Perhaps its importance will be **one of the lessons of the current turmoil**.

Diane Coyle

---

6 https://www.nature.com/articles/d41586-020-01505-3
The Effectiveness of New Ways of Working
Supporting Manufacturing Responses to COVID

Tim Minshall is a Churchill Fellow and Dr John C Taylor Professor of Innovation. He is the Head of the Institute for Manufacturing in the Department of Engineering. He tells us what the IfM did to respond to the COVID crisis, not just to maintain ‘business as usual’ so that its regular activities of teaching, research and knowledge transfer could continue, but also to apply its engineering problem-solving skills and know-how to provide help and support locally, nationally and internationally.

When the scale of the potential impact of COVID became clear earlier this year, like so many others, all of us at the Institute for Manufacturing (IfM) were faced with the dual challenge of trying to maintain some form of ‘business as usual’ activities while also attempting to respond to rapidly emerging COVID-related local and national challenges.

Business as usual

In terms of trying to maintain ‘business as usual’, our students and staff responded with extraordinary professionalism to allow our regular activities of teaching, research and knowledge transfer to continue despite not being able to access our wonderful building, nor visit any of our industry partners. Given that COVID struck just as our students were approaching exams and starting their final industrial projects, we were in the middle of delivering multiple training programmes for industry partners, and numerous lab-based research activities were at critical stages, we were presented with multiple opportunities to apply our engineering problem-solving skills.

Applying engineering problem-solving skills

Some examples of this include the following. In addition to shifting the whole third year exam process online, Churchill Fellow Dr Ronan Daly was also able to switch all of our Manufacturing Engineering Tripos (MET) recruitment – as well as our end-of-year festivities – to Zoom-based activities, with great success.
Churchill Fellow Dr Elizabeth Soilleux was able to supervise what turned out to be a superb six-week project on pathology lab automation for a Manufacturing Engineering student who was supposed to be based at Addenbrooke’s Hospital but instead was working out of his family home in Hong Kong.

And, of course, having long toyed with the idea of developing our online learning capabilities, COVID lockdown has resulted in a massive acceleration in this area. The solutions we have implemented over the past few months have not only solved immediate problems, but in many cases also demonstrated new ways of working that will allow us to be much more efficient and flexible as we exit the crisis.

Providing specific types of support

In parallel with maintaining and enhancing our regular activities, there was a very strong desire from everyone across the IfM to deploy our resources to help address COVID-specific challenges. However, we were very conscious of two things we needed to avoid: firstly, bombarding clinicians, healthcare managers, and colleagues in government with offers of help; and, secondly, attempting to develop solutions without really understanding the problems and their context in detail. Drawing upon the advice of our network of industrial, healthcare and policy partners, we tried to provide specific types of support locally and nationally, some examples of which are given in the following sections.
Support at local level

At a local level, we suppressed our natural desire to charge down to Addenbrooke’s Hospital to offer help. Instead, following an exchange of emails between senior colleagues at the University and Addenbrooke’s we were invited to join some of their crisis response planning meetings and, once the nature of the challenges being faced by those on the COVID frontline became clearer, IfM colleague Professor Duncan McFarlane was able to assemble teams of staff and students to help address specific needs within Cambridge University Hospitals Trust and Royal Papworth Hospital Trust. These projects included:

• **Hospital Logistics** – the rapid application of industrial engineering approaches to COVID-related challenges including: managing ward oxygen supplies; modelling in-hospital patient flows; predicting staff availabilities; redesigning COVID testing procedures; and reconfiguring hospital functions for increasing flexibility for mid- and post-COVID activities.

• **PPE Supply** – design, setup, and management of a temporary logistics hub for coordinating the delivery of millions of items of donated PPE; rapid assessment of production capabilities of local manufacturers to increase flexibility of PPE supplies for local hospitals.

• **Active Ventilator Sharing System** – the accelerated design, prototyping and in-hospital testing of an active ventilator sharing system to provide back-up for local hospital ventilator capacity in response to the predicted COVID patient admissions surge.
Support at national and international level

We have also been able to draw upon national and international networks of partners to respond to requests from policymakers to help guide the implementation of support for the manufacturing sector. Teams led by IfM colleagues, Dr Carlos Lopez-Gomez and Dr Eoin O’Sullivan, were able to draw together a rapid review of international policy responses aimed at mitigating the potential impacts of COVID on manufacturing to assist colleagues at the Department of Business, Energy and Industrial Strategy (BEIS). This review provided colleagues at BEIS with practical details on the ways different nations were implementing policies to help ensure continuing operation of manufacturing businesses, to mobilise manufacturing towards the production of critical supplies, and to help post-crisis manufacturing growth. We have also been able to support colleagues at BEIS by helping set up a Manufacturing Supply Chain External Expert Group to guide policy development relating to the production of critical products. In addition, we have been able to provide evidence and analysis for the UK Parliament, UNIDO and the World Economic Forum to help generate a clearer picture of the impact of COVID on global manufacturing activities.

Capturing valuable lessons

We are also very conscious that, in the middle of a storm, while it is of course critical to respond to immediate needs, it is also important to ensure that lessons are captured to enable us to respond better to future crises. To that end, we have been capturing data in real-time on the messy, practical issues that arose when trying, for example, to repurpose factories to start making PPE, to rapidly scale up the production of ventilators, and to improve in-hospital and regional healthcare logistics.

Responding to the impact of COVID has not only forced rapid changes in the way in which academic institutions delivers their core activities, but, by doing so, has also shown the effectiveness of new ways of working that will endure beyond this immediate crisis. In addition, by being directly involved in helping address a tiny fraction of the numerous COVID-related problems, valuable lessons can be captured, analysed and shared to help ensure we are able to emerge from this crisis more resilient to future shocks.

Tim Minshall
Context is Everything
Risk and Evidence Communication to Help Tackle a Global Pandemic

Dr Claudia Schneider and Dr Sarah Dryhurst, psychologists at the Winton Centre for Risk and Evidence Communication and Churchill Fellows, tell us that context is vital in communicating anything to people – and especially so when communicating numbers or statistics. Thus, presenting numbers or statistics within a clear context helps people to make sense of them and helps to affect the way people respond to the information they receive – of paramount importance in the times of COVID.

If you send a number off naked into the world with no context, it’s meaningless to people; tell someone there have been 45,318 deaths from COVID in the UK and they won’t know what to make of it. **Numbers are brought to life by the context they are given**, the way they are framed and presented. By the same measure, the context a number or statistic is given can also make it ‘feel’ very different, and affect the ways we respond to information we receive. If someone is told they have a 10% chance of dying if they contract COVID then they might choose to shield in the house. If they’re told they have a 90% chance of surviving they might pop down the pub for a pint.

The Churchill Team at the Winton Centre
Making sure that people accurately understand information that is presented to them, allowing them to take informed decisions and appropriate actions, is paramount. Since the beginning of the pandemic our team at the Winton Centre, including Churchill Fellow David Spiegelhalter and By-Fellows John Kerr and Gabriel Recchia, and our collaborators in the Psychology department, Sander van der Linden and Jon Roozenbeek (Fellow and By-Fellow at Churchill respectively), **have worked hard on aiding the public, media, and policy makers make sense of the statistics and uncertainties surrounding COVID information**: The goal being to improve understanding of the risks people have faced and will face in the future, and the risks they might pose to other people.
Our chairman David Spiegelhalter has spearheaded liaising with the media, whilst we’ve also been blogging\(^1\), podcasting\(^2\) and writing articles for the international press\(^3\). On the Winton Centre website we’ve developed a tool that visually presents COVID deaths by local authority in England and Wales\(^4\). To investigate the underpinnings of people’s understanding of and trust in COVID-related information, their risk perceptions, their trust in government responses so far, and their own behavioural responses to the virus, we have conducted several large scale representative surveys in 13 countries, with repeated surveys in several countries to observe how these factors might change over time. In the UK for instance we have collected four rounds of data between March and July 2020. This has allowed us to track things like how people’s attitudes towards vaccines or their behaviours such as wearing of a face mask have changed over time.

We have made all our data publicly available for other researchers, journalists, and policy makers to use.

**Risk perceptions of COVID**

In an article published in May in the Journal of Risk Research\(^5\), we explored risk perceptions of COVID based on survey data collected in ten countries around the world. Since COVID is such a novel risk, we wanted to understand the characteristics that related to higher or lower levels of concern about the virus, and how this might vary cross culturally. What was surprising was the **striking consistency across all ten countries**: Socio-cultural and experiential factors, such as people’s prosocial inclinations and their personal experience with the virus play an important role for COVID risk perception across countries, more than knowledge about the virus does. Higher levels of

---

prosociality were associated with higher risk perceptions, possibly indicating a recognition of the need for collective action and respect towards other, more vulnerable members of society. On the flip side, people who had stronger individualistic tendencies, such as a belief that the government is interfering too much with our lives, showed lower risk perceptions. We also found that risk perception and protective health behaviours, such as social distancing or use of hand sanitizer, were positively correlated. Understanding risk perceptions, their underpinnings, and relationship to behaviour is important for designing appropriate communications.

A baptism of fire dealing with the media

For the two of us, the process has been an exciting and sometimes exhausting whirlwind, and something of a baptism of fire in dealing with media reporting. We’ve had people trying to lead us into a gender debate and pushing us to fearmonger with our results, and had our work misrepresented in the news. Despite this, we and the Winton Centre continue undeterred. We’re currently investigating how worry about COVID might shift attention away from large scale societal issues, such as climate change, unemployment, or terrorism; and how COVID protective health behaviours are shaped and influenced by belief in misinformation surrounding the virus. Experimental work includes assessing how people react to different types of visual communications of COVID-related information and the role that the quality of the evidence underlying virus related claims and figures plays for trust and behaviour.

So, despite a slowing down of team social life, a halt in face-to-face communication and a few more grey hairs, the Winton Centre has been busier than ever. And we are hoping that our research outputs and insights are helping to make a meaningful contribution in fighting the pandemic and navigating communication challenges.

Claudia Schneider and Sarah Dryhurst
Without Being in the Same Room
Teaching in Socially Distant Times

Dr Christophe Gagne, a Churchill Fellow and a Senior Language Teaching Officer, teaches French in the Faculty of Modern and Medieval Languages and Linguistics. He gives us a truthful and candid account of teaching online.

I have always enjoyed using technology and the Internet. I have always found, perhaps wrongly, that there is something empowering about it: an egalitarian and libertarian element. One can learn by oneself, the virtual world as one’s oyster so to speak, an entire universe to be explored free of hierarchy or constraints.

A banal use of technology

A few months ago, during the course of this academic year, I noticed that in every group of fourth-year students that I teach (groups of ten to fifteen students typically), four or five students at least use a laptop. As I teach translation, we often look at texts, which we translate and discuss. Students translate the text, write down their translation with their partners, and then share their translation by reading it aloud. The rest of the group have to be able to store parts of the translation in their minds in order to respond to them. Sometimes, in order to make that process less reliant on short-term memory, and if there is a visualiser in the room, I show the rest of the group what they have written. Having visual access to the text they have produced normally enriches our discussion and makes it more focused. So, in early Lent, I thought I would create a Google document with the original text and a translation that I split into four sections. Four groups of students working on a section of the text, annotating and modifying the proposed translation and sharing it online in real-time. Nothing high-tech, a banal use of a very common piece of technology. Yet, something extraordinary, as the content of the screen I was sharing, which originated in my Cambridge classroom had travelled via a data centre situated outside the UK. At the end of the session, as we were talking about the merits of this technology, one student remarked that we could do the same ‘without being in the same room’. Why would we want to do that, we laughed, and what was he really implying? Surely!
First synchronous online teaching

A few weeks later, after long discussions with faculty colleagues before the start of term (should we or should we not do any live teaching? Is there actually any benefit in synchronous teaching when dealing with groups of ten students or more? Will students be able to connect? Will the technology not fail us...) my first online faculty class, Use of French with first years, is about to start. I open Zoom. Will they be there? Gradually the waiting room starts filling up: very quickly, nine out of eleven are there. One emailed me before the class to say she couldn’t make today’s session but she would try to attend the next one. Their faces appear on the screen as I greet them. I tell them how pleased I am to see them, which I genuinely am. How could I not be? Bright, eager and familiar faces. I tell them that I am in Cambridge: it’s sunny here but the city seems deserted. I tell them where the materials for this term’s teaching can be found, what we’ll be covering, how we’ll be working. I share my screen. We start going through the grammar work that was set for the class. A simple exercise that always works well as a warm up. Articles and prepositions. We find our usual tempo. Each student reads a sentence and selects the right article. There are a few tricky cases. We discuss them. I feel focused. I can do this! My concentration seems sharper than in the classroom. I feel the explanations I give are clearer than they would be in the classroom. There is less interference somehow. It seems that I have hit the Holy Grail. The super teacher I have always endeavoured to be has suddenly hit the ground running. This is the space where I am going to flourish! Or is it just that somehow the headphones I am using are shielding me from the real world? Are these people on my screen actually real? Can they actually hear me? We move on to another activity and after half an hour, I bring the session to a close. All the faces disappear very quickly. Did this actually happen? I am back in my house sitting at my son’s desk. This feels abrupt.

Houellebecquian dialectics

Friday morning, IB translation class. I enjoy teaching this class a lot. I use breakout rooms this time. I listen in on students’ conversations before joining, apologising for the intrusion. We laugh, they are at ease discussing the text. This doesn’t feel very different from what we normally do. I go around the groups, they speak freely and cheerfully and we cover what would have normally been covering in the classroom. Our joint online document is open, a sense of normality and togetherness settles through our collaboration.
We can ride this technological wave; we can survive this pandemic. A few days later, I meet my three Part IA Churchillians. Seeing them, and knowing that they are well and haven’t lost their appetite for learning or their mental agility is a real joy. I had asked them to read and prepare a text by the novelist Michel Houellebecq on the pandemic. Houellebecq strongly rejects the idea that things will be different once the pandemic is over; everything will be just the same only a little worse. The epidemic will only accelerate a process of self-isolation that started a few decades ago, gradually eroding any significant human relationship. This is pure Houellebecq, the novelist gleefully dealing with his favourite theme: the programmed obsolescence of the human race. A compelling text. They can spot the humour in the text, its strengths and weaknesses, its prophetic nature. We discuss the formula that gave the text its title: en un peu pire, only a little worse, its prosody and the effect on the reader. Four weeks later, I say goodbye to them for this academic year. Maybe Houellebecq was wrong after all. Looking at the feedback I received from students, I am struck however by the yin-yang aspect of the responses (‘it was more relaxed than in person teaching’/‘it felt less engaging’) and the ‘it was more this/it was less that’ Houellebecquian dialectics of their comments (‘less engaging but less taxing’, ‘not as demanding but not as useful’). Two days later the Vice-Chancellor writes to the employees of the University with words such as ‘pay freeze’, ‘voluntary reductions’, and ‘potential generalised redundancies’ but ‘we will respond creatively to the challenges posed by the current crisis’. In my mind’s eye, I see Houellebecq smirk. I should have known he would get the last word.

Christophe Gagne
New Ways to Learn, Socialise and Support One Another
An Undergraduate Journey through COVID

Hannah Saint is a first year MML student reading French and Spanish. She is also the JCR president. She gives us an insight of a day in the life of an undergraduate during COVID.

Thursday 14th May 2020

5:30am
I live in a tiny village in Kent, on a farm which you can’t even find on Google Maps! To say, for me, Cambridge is a big city would be an understatement. The Monday morning 8:20am fire drill in East Court has been replaced by the early morning cockerel alerting me that the sun is up and my day has begun!

9:00am
Having made some French crêpes for breakfast with my family I got ready for my 9am French translation class. Normally the journey to class would be an intense cycle from Churchill to the Sidgwick Site with my College husband, Joe. However, in lockdown, it only takes a few minutes to log into Zoom and see my classmates’ friendly faces.

Translation has been one of the most challenging parts of the course for me. Having studied for the International Baccalaureate, I hadn’t completed a significant amount of translation before I arrived in Cambridge. But thanks to the support and guidance from my professors, I have learnt new and exciting techniques to overcome this challenge. In this morning’s class we discussed our translations of a passage written by 20th Century surrealist writer and ethnographer Julien Michel Leiris. I received some positive feedback from my supervisor congratulating me on my best translation yet!

MML is a unique course in which lectures and supervisions work alongside translation and grammar classes. These classes have worked really well on Zoom and Microsoft Teams where professors have been successful in creating an environment that resembles the classroom.
2:00pm

I dedicated my afternoon to writing two essays for my professors. For the approaching MML exams, instead of the expected 3-hour exams, we have the opportunity to write one long essay or three shorter essays for each of the languages we study. I am planning to write two long essays, both on the films we analysed in the course this year.

Film has always fascinated me, from an early age the cinema was my favourite place to go at the weekend and I have kept a film diary since I was a child – collating my favourite films, directors and even particular shots I find striking and memorable. The MML course is perfect for film fanatics, like me, who love nothing more than breaking down a scene and exposing how the screenplay, lighting, shots, and movement work together to create a tone, or atmosphere. **In lockdown, I have begun making my own films**, and although I’m far off the clean, crisp, aesthetic shots of Varda and Bollaín (the two female directors I have studied in the course), their work has inspired me to harness my creativity.

*Bluebells near the farm where Hannah lives*
6:00pm

Aside from my university work, I have taken up different responsibilities in College. This year I was elected Vice President for the JCR. Most recently, I have created a social media campaign, #virtualchurchill, to connect students during lockdown. I was elected President of the JCR at the end of Lent and took over from June 1st. My new role has given me the extra responsibility of organising the JCR Committee. I spent a few hours preparing for the next meeting: making an agenda, formulating action points and recording everyone’s progress for the year so far.

8:00pm

After dinner I skyped my extended family in Dublin. My mum is Irish and every Thursday, during lockdown, all twenty of us skype: we have a weekly family quiz and catch-up. A highlight is seeing my youngest cousin who’s just three years old!

10:30pm

As I’m getting ready for bed, I reflect upon lockdown so far. Although I’ve missed College life, everyone has been incredibly creative in finding opportunities to learn, socialise and support one another. I’ve been able to successfully continue to learn and engage with my professors and fellow students. Most importantly, lockdown has given me more months spent with family, for which I am extremely grateful.

Hannah Saint
Adapting to Change in Lockdown
A Postgraduate Journey through COVID

Nicholas Barber is a postgraduate student at Churchill College studying for a PhD in Earth Sciences. Here he shares with us his thoughts on his experience of the lockdown and how his everyday life and work have been impacted. But he is optimistic about the future.

I have been doing my PhD for close to 2 years now. In this time, I’ve grown accustomed to the annual social rhythms of Cambridge student life. As a result, when lockdown set in, I wasn’t sure exactly how I would cope. Many friends from overseas caught the first flight home, my access to labs was limited, and my ability to interact with other students and staff in social settings was severely hampered. With the benefit of hindsight, I can now share a few thoughts on the experience of lockdown. I should note that I don’t expect to speak for everybody – if lockdown has taught me anything, it’s that every student at Cambridge has faced unique challenges as a result of COVID.

Impacting my research

The UK’s lockdown came at a very unfortunate time for me professionally. After a year of planning, I was due to leave for fieldwork in Indonesia on March 23rd. As you might be able to guess, that did not go as planned. This coupled with the disruption to my ordinary routine and social life left me feeling adrift for a few weeks, with little motivation to do anything. Thankfully I have a very supportive partner who lives with me at Churchill, and through the support of her and my wonderful supervisory team, this immediate blow to my workflow didn’t have that much of a lasting impact on my mental health.

Confronting personal challenges

As time has worn on, the separation I feel from my friends and family is certainly something that has become more impactful. I should note that I am an international student, and though I had the option to go home in March, circumstances dictated that I did not want to put my family at risk by travelling
home. When confronting this challenge, I try to hold on to a balance in my mind: namely, that I have made off surprisingly well all things considered. I think it’s possible that lockdown has both confronted me with these powerful personal challenges, while providing me a new perspective on how lucky I am to be healthy and safe in this time. Sometimes I get too comfortable or too critical of myself trying to hold this balance together, and that’s ok!

**Adapting to the new normal**

With those impacts in mind, I – like many – have been trying to find ways to adapt to the new normal. The biggest challenge for me on the day-to-day is actually separating myself from my work. My office sits adjacent to my kitchen, and it’s hard to switch off when I can see the physical reminders of deadlines and projects staring back at me while I relax. I haven’t yet been able to completely control this feeling that I should always be working, but as lockdown has progressed, I’ve got better at actually giving myself a break. The biggest change in my life as a result of lockdown has actually been positive: I now make much more regular contact with friends and family from home and from Cambridge. Before lockdown, contact with loved ones was definitely something I took for granted. Almost as soon as lockdown began, I found myself checking in with people much more regularly and arranging virtual social events wherever possible. In a strange way, lockdown has actually made it possible for me and family to come closer together, while we are officially barred from actually being in the same place.

**And finally,**

In all, it’s hard for me to say with a straight face that lockdown has been a positive experience for me. But like all challenges in life, this experience has forced me to grow in new, sometimes very constructive ways. While the future remains unclear under the shadow of COVID, I’m optimistic that with the experience of lockdown behind me, I am prepared to face what comes next.

Nick Barber
Beyond the Call of Duty
Working for the Churchill Family

Tom Willers, one of our Hospitality Porters, has gone beyond the call of duty to support the Churchill Community during this extraordinary time. Tom has been staying on site as our resident caretaker, assisting all of the operational departments, keeping an eye on security and responding to the needs of the residents, all in addition to undertaking his usual role.

This is what Tom says about his work:

I am happy to be working through the pandemic in order to help my knowledge as well as the Churchill family. It’s keeping me fit and healthy. **My work is multi-faceted:** preventing legionnaires by running taps in different sections of the College daily; keeping areas of the College clean and tidy; developing computer skills by looking after the house keeping system; working with maintenance daily learning how to use different tools and a bit about their department as well as the staff; cooperating with housekeeping, developing friendships.

Because of the lockdown maintenance have been getting a lot of work done which they wouldn’t have been able to do with all students here: completing refurbishment of Whittingehame Lodge; fixing/ replacing/ repairing or refurbishing all over the College. The Wolfson hall is undergoing complete toilet refurbishment, as are the squash courts. The gardeners have been building a footpath around the border of the field – this looks amazing!

**I am fully enjoying my time,** developing skills I never knew I had, **making friends for life** and just trying to keep the College as good as possible for when students and staff return. The only thing that has been a little difficult is not seeing my family and friends. But I know everyone in the world has this problem at the moment so I’m just keeping my spirits up and hopefully my infectious personality is helping out my colleagues too!
Speaking of Tom’s commitment, **Domestic Bursar Shelley Surtees said**, ‘Tom is providing on-site, multidepartment support. He is able to do this in many areas of the College operation and does so with enthusiasm and tenacity. His presence is a massive support to me, as I know that if the Porters need assistance in the middle of the night, he will be there within seconds.’
COLLEGE EVENTS

John Boyd in 2000 talking to Prof Abiola Irele, Churchill Archives CCRF 112/5/15
‘A well-educated mind will always have more questions than answers.’

Helen Keller
A Gifted Scientist, Leader and Communicator
The Master in Conversation with Professor Dame Nancy Rothwell

Dr Katherine Stott is a Chemist and a Churchill Fellow. Here, she tells us that this event, the first in the Master’s ‘Conversation’ series this year, was as always well attended by members from the wider Churchill community, all curious to hear about the life and career of one of the UK’s foremost scientists, Professor Dame Nancy Rothwell, the president of two learned societies, a member of three research councils and a non-executive director of AstraZeneca. Professor Dame Nancy Rothwell was elected a Fellow of the Royal Society in 2004, was created DBE in 2005, and is now the President and Vice Chancellor of The University of Manchester.

Having dithered between Art College and mathematics, Rothwell finally landed on Physiology, but, having abandoned Biology at school, was initially on the back foot. However, her scientific ambitions really came into focus once she left the textbooks behind and entered the world of practical research during her final-year project and subsequent PhD; this took her all of two years to complete, and resulted in a paper in Nature. She insists she was simply in the right place at the right time, but it was clear that the audience (many of whom must be either in the midst of their own PhDs or at least remember them well) were not buying this ‘excuse’.

Becoming independent
Following this early success, a flexible Royal Society Fellowship enabled her to become truly independent, since she was able to switch disciplines from obesity to stroke, and move back to her roots in the North of England.
She ascribes much of what followed to the lack of preconceived assumptions that come with entering a new field. She was resilient enough, as well, to view negative feedback from senior colleagues as merely a challenge. Despite all she has since achieved, she has ticked off only one of her two career aims so far: to become an FRS (tick), and to get a drug into the clinic (about which she is still hopeful).

Engaging with the public

While her first and true love has always been experimental research, her hatred of jargon and her sense of the responsibilities that come with publicly funded research have driven her to engage with the public, perhaps most notably in her delivery of the Royal Institution Christmas lectures in 1998 on the subject of homeostasis. She reflected that it was through this that she acquired many of the skills necessary for running a university, while dealing with a rebellious iguana.

Efficient and effective

Rothwell never applied for a job, but always waited to be asked (or even persuaded). She never worries about how things will work out. She is incredibly efficient, replying to email instantly, without putting pressure on herself. Her rise into the realms of policy-making came at the inevitable cost, a period of ‘scientific bereavement’ when she was unable to carry out experimental work herself. However, she has established a highly functional and trusted research team that enables her to continue to contribute effectively. She has learned the hard way to make wise decisions regarding the roles to take on and turn down. Her leadership style is collaborative, and, when necessary, she doesn’t shy from engaging with other university heads or city councils.

A gifted scientist, leader and communicator

What became very clear to the audience was that Rothwell is a gifted scientist, leader, and communicator in equal measure, and that all three have shaped her incredible life. She claims she has never been discriminated against directly, has received more opportunities because she is a woman, and always ‘feels heard’. However, she recognises that women are currently not well represented in the spheres in which she operates, and their reluctance to come forward for promotion is one of the main hindrances to
equality in the senior academic ranks. **She acknowledges the existence of discrimination and unconscious bias,** particularly in the physical sciences, but reflects that her mentors and supporters were all male.

Personally, she has sacrificed nothing, but like our own Master, she has a supportive partner. (Should we even ask this question, since we are perhaps less interested in a man’s answer to it?) I was left reflecting that **Rothwell is inspirational to all under-represented groups** simply because her combination of ability and confidence means that she has never been deterred in her ambitions.

Katherine Stott
Remembering Sir Hermann Bondi
Mathematician – Humanist – Raconteur

On 1 November 2019, the College celebrated what would have been Sir Hermann Bondi’s 100th birthday, Churchill’s third Master. Fellows and members of Sir Hermann’s family shared fond memories of his time as Master. The ‘children’ recalled their parents living ‘above the shop’ in the Lodge, and Professor Archie Howie penned a poem celebrating Sir Hermann’s qualities as a mathematician, humanist and raconteur. Professor Sir Mike Gregory and Paula Laycock also share their fond memories of Sir Hermann.

Sir Hermann Bondi
A poem by Archie Howie

The steady state of Bondi, Hoyle and Gold
Let’s cosmic growth without big bang unfold.
When Nature proved to be less elegant
Hermann was first to gracefully recant.
He knows the motion of the rattle-back
To change direction when required – its knack!

These steady measured tones I still can hear
As Bondi Einstein’s theories made clear.
From gravity space-time gets curvature
But Hermann takes a straight-line track that’s sure!
Then summing up as Chair our Council’s view
No notes, five points but one of them seemed new!

The Master needs a problem to dissect
One to engage his mighty intellect;
The wine stock audit defies steady state
They sell for what they paid at earlier date
So, need more cash to replace those we drink.
He’s sad no endless funds in wine to sink!
'That brings to mind a story I can tell'
From Hermann’s lips that line quite often fell!
From start to punch-line-finish error free
Thanks to his deep and faultless memory!
Though lesser mortals thinking back might fail
To see what first had led him to his tale!

Luck reached his mouth by flying ducks he thought
But don’t forget the talents Christine brought!
Could Einstein help with Hermann’s swallowing;
Can he contract a duck that’s fast flying?
Thames tide he stemmed; his Severn scheme denied
May yet ensure clean energy supplied!

In fourteen years since Hermann was around
A thousand extra planets have been found.
Dark energy and matter puzzle now
They’d make him smile, bring furrows to his brow.
Each sun has many planets orbiting
Some new star Bondi’s thinking needs to bring!

**Mike Gregory writes:**

Fellows recalled Hermann’s astonishing ability to sum up a complex meeting without notes and to everyone’s satisfaction. He had a story for every occasion but was never pompous or self-important, perfectly capturing the understated and informal style of the College. He was heard to remark ‘I have just listened to the worst lecture I have ever heard in Cambridge – and I was giving it!’

**Engaging and welcoming, he was a great ambassador for the College and very well connected.** As a young Fellow I thought I should let him know that I had someone mildly important coming to dinner so that it would not be a surprise if he happened to know the person concerned. ‘Mike’ he said ‘for all practical purposes you may assume I know everybody’.
Paula Laycock writes:
The special event was really enjoyable and all the more so as members of the Bondi family were able to attend. Hermann’s daughter, Alice, wrote:

‘I was hugely touched to discover how warmly Hermann was remembered, and that so many had seen the generous, caring man who was genuinely interested in other people’s lives and interests – and not only the scientist and office-holder.’

It was an event that Hermann would have much enjoyed. Archie Howie recited a poem, and others recounted tales. As his secretary from 1988–90, during the final two years of his Mastership, I collected many stories of my own.

I particularly remember a day in 1990 when Hermann announced that he would be tidying his desk. This was momentous. His desk was the one area of the office that I was not allowed to tidy. To me, it was chaotic as papers and files were piled up high in what seemed to be an extremely haphazard fashion, but not to Hermann. He knew where everything was and could lay his hand on any document or file at a moment’s notice.

On this particular day I was sitting at my typewriter when I was suddenly distracted by a swishing and thwacking sound emanating from Hermann’s study next door. I must have looked startled as he grinned at me and explained in his deep accented voice that it was all a matter of geological layering. It was only then that I saw that the papers were being unearthed in chronological order. As for the process of tidying up, the desk was indeed tidy but the papers and files now lay in piles scattered across the floor.
A Many-Faceted Man
Tribute to Sir John Boyd

College gathered to pay tribute to Sir John Boyd, our 5th Master, who worked tirelessly and with great enthusiasm to promote Churchill College in London and abroad – using his impressive network of contacts. Sir John was helped and supported in his endeavours by his wife Julia. His impact on the College and his legacy are remembered fondly by Professor Archie Howie, a Churchill Fellow, who spoke at the event.

The Prime Minister’s Office included John Boyd’s name in the list for our consideration as Master to follow Alec Broers. Unlike all previous cases, this suggestion survived preliminary scrutiny. **Our interviewing committee were bowled over by John and Julia.** Their enthusiastic report propelled him to the top of the list that we submitted to Downing Street. Since the PM’s office will no longer be making these suggestions to us, John’s unique status is therefore assured. Henceforth we will be limited by our own imagination in bringing such unusually strong gusts of fresh air to the College as well as by our ability to make use of them.

Through his impressive network of contacts, **John built for the College a wider impact in London and abroad.** In addition to droves of ambassadors, many unusually distinguished people visited us such as Yehudi Menuhin, Chris Patten, Anthony Caro, Carrie Lam. The Master’s Lodge and Cockcroft Room became a launching pad for music and poetry.

**John’s influence**

More ambitiously focused events included **our new Master’s valiant resuscitation of our industrial advisor system.** Twelve or more CEO’s of prominent UK enterprises joined Fellows at a working dinner brilliantly choreographed by John. With hindsight I think that the Fellowship should accept responsibility for our failure to plan and follow through more strongly on his glittering start. Better fortune was enjoyed at the Møller Centre where Gillian Secrett confirms **John’s significant influence in the development**
of their very successful programme with Japanese industry and with Chinese bankers and hospital administrators. In College, at the time of the Arab spring, he convened a memorable meeting of high-level women from across the whole region. I recall the Queen of Bahrain tucking into chocolate-based bread and butter pudding at High Table. For reasons best not described, there is however no photographic record of this.

Most notably, John’s diplomatic skills were crucial in steering past a not entirely supportive Fellowship, the planning, building and opening of the Thatcher Archive. He also successfully negotiated with Mr Wing Yip the generous scholarship programme to bring Masters degree students here from Peking and Tsinghua Universities.

Rising to the challenge

Following John’s severe stroke, the College was swift to encourage him to continue to lead us. This was definitely not just a spontaneous act of kindness. We had already discovered (not I hasten to say with former Masters) that we were ill-equipped to operate as a retirement home. Rather it was based on a hard-headed assessment of the chance that John (and Julia) would rise to the challenge – amply vindicated as it turned out. Indeed, they went on to illustrate the opportunities for further providing inspiration that remain
open to our Masters even after their retirement. A poem offered at his 80th birthday dinner celebrated John’s social skills and his recovery concluding with the punch line ‘Our diplomat became a man of steel’. I return to the man of steel theme later but quote now from John Kinsella’s poem on John and Julia’s departure from the Master’s Lodge

*Few can bring The Lakes, the digressions of London, pace of Tokyo so smoothly into a room; The Lodge made us all welcome.*

This snippet also echoes something of the **staccato style of John’s annual speeches** at the Founder’s dinner. In a few short phrases he could flit kaleidoscopically through a range of ideas. Here’s a brief snatch from his last speech ‘How can I occupy myself in retirement? Fishing. A favourite fishing book says “salmon are mysterious creatures”. The same goes for an academic community. Cambridge is both mysterious and deeply satisfying. It also forces questions. Winston said. “You don’t solve problems by closing your eyes”.

**A many-faceted diamond**

John was in the usual sense an **exceptionally well-rounded man** but a rounded object looks pretty much the same from all viewpoints. Highly faceted is therefore a better description – not a pearl but a diamond – casting different sparkling impressions for each of us. To reconstruct an overall picture is then a challenge. Think of the Fitzwilliam Museum rebuilding the Chinese vase that the careless visitor kicked over!

To resonate individually with these highly focused academics, John could find a good topic for discussion. With Mark Goldie it was medieval misericords, with me it was sheep farming. The rather larger subject of Egypt proved appropriate when he met Rifaat Rozeik in the stroke ward at Addenbrookes. Now back to the steel.
Union of technology and art

At the 80th birthday party John Tusa recalled John’s brilliant and learned analysis of the technique of Japanese sword making. To acquire and retain its legendary sharpness, the cutting edge of this cruel weapon has to be made from very hard and brittle steel. But to prevent it from fracturing at the first blow, a tougher more resilient steel is needed for the main part of the sword. The junction between these two phases leaves on the blade a visible trace called the hamon which in the best examples can be very beautiful like waves on the sea.

Had I known earlier of John’s interest in this I would have signed him up immediately for a postprandial talk! Also, leaving the sheep to heft in peace, I would have been glad to discuss with him more recent developments. I learnt about some of these through the work of a Japanese colleague on the metallurgy of titanium. In salt water environments, titanium has better anticorrosive properties than steel and is now preferred for the knives used by divers and fishermen. Although the hamon on these titanium knives has yet to reach the peak of perfection developed for the samurai, it will probably get there eventually. A more exotic than usual shepherd on his wet Cumbrian hillside may even someday have such a knife to trim the hooves of his sheep!

We can readily understand John’s fascination for this exquisite union of technology and art. Here’s another of his snippets – ‘A rigid attempt to force the two cultures together can imply that we accept that division.’

Let this final verse celebrate the trace left in our memory of John’s success in achieving balance.

Resilience and cutting edge to hold
For all of us can be a tricky dance.
That samurai hamon John would remould
More kindly but with matching elegance.

Archie Howie
Churchill Must Be at the Centre of Sustainability
A Sustainability Conversation with Dame Polly Courtice

Dame Polly Courtice, Head of the Cambridge Institute for Sustainability Leadership and By-Fellow of the College, took part in a discussion with Churchill staff and Fellows on the thorny subject of sustainability. Shelley Surtees, Churchill Domestic Bursar, reports.

These lunchtime discussions are the brainchild of our new SCR President, Professor Sir Mike Gregory, who seeks to bring together interesting members of the community for enlightening discussions, on pertinent issues. The timing of these sessions is key, and utilising a lunchtime ensures that we attract some of the audiences which we might well miss with an early evening slot, such as parents and those with caring responsibilities.

Why sustainability matters
Dame Polly opened the session with the wonderful news of the birth of her first grandson, and then the less delightful news of her concerns as to what the world would look like for him in years to come. Framing the problem and explaining why sustainability matters Dame Polly explained the great acceleration from the 1950s, the increase in population, in standards of living and of consumption and commercialism, and the impact which this is having on the finite resources of our planet. She eloquently explained the implications of our failure to address the issue, referencing the awful fires in Australia and Brazil, extensive land clearance across the world to accommodate cattle rearing, extreme water stress and pollution as well as the simple fact that our behaviour is causing the world to warm up, and that we simply don’t understand the implications of this. Shockingly, we learnt that although we have known about this problem for over 30 years, and the Paris agreement of 2016 formalised our goals for reduction, many countries, including the UK have made absolutely no progress against these goals.

Sustainability at Churchill
Following the esteemed speaker, I appraised the gathering of what we have been doing at Churchill to contribute to a sustainable future. A
number of initiatives over the years have helped us to reduce our carbon footprint, these have included removal of plastics, a significant increase in the amount of vegetarian and plant-based foods served, the reintroduction of a bike repair service, reorganisation of our hot plate, the implementation of a Ecover refilling station and recycling for a diverse range of items, including clothes and empty mascara tubes. We have also achieved the University’s Green Impact Platinum award for the last two years, and this year are undertaking an excellence project focused on the reduction of plastic on site.

The gathering then enjoyed a plant-based lunch, and a lively and interesting round table discussion on what we could all, individually and collectively, do to aid the objectives of sustainability. Seated amongst such eminent academics, with such creative and inspiring minds, I was struck that if a solution is to be found to the appalling and scary situation that society has created, Churchill must surely be at the centre.

Shelley Surtees

*The Master picking up litter with Edie, the JCR Green Officer*
Transfer State: A History of Guaranteed Income and the Politics of Redistribution in Modern Britain

A Review

Dr Lise Butler is Lecturer in Modern History, City, University of London, a Churchill Archives By-Fellow (2019–20), and Archives Committee Member. Here she reviews Dr Peter Sloman’s book Transfer State: A History of Guaranteed Income and the Politics of Redistribution in Modern Britain (Oxford University Press, 2019).

Churchill College Politics Fellow Peter Sloman’s timely new book, Transfer State: A History of Guaranteed Income and the Politics of Redistribution in Modern Britain situates modern day proposals for UBI (Universal Basic Income) in a long history of British social policy thinking. Drawing together both relatively obscure and more mainstream social policy actors, Transfer State provides both a rich historical account of guaranteed minimum income proposals, and offers a new perspective on the development of the British welfare state itself.

Transfer State explores proposals for guaranteed minimum income schemes from the interwar period onward. These include the Liberal thinker Juliet Rhys Williams’ campaign for a ‘Social Dividend’ in the 1940s; the idea of a Negative Income Tax, championed by the economist Milton Friedman in the United States; and the Heath government’s failed Tax Credit Scheme in the early 1970s. Sloman shows how proposals for basic income gained popularity within radical social movements from the 1970s onwards, in response to the decline of the manufacturing sector, rising unemployment, and de-industrialisation. And he examines how policy makers in recent decades have sought to integrate the tax and benefits system through New Labour’s Tax Credits, and the highly troubled introduction of Universal Credit under Conservative governments since 2010.
Sloman’s book concludes with an important critique of the ‘activation’ agenda, or the requirement for benefit applicants to seek work, which is central to Universal Credit, arguing that in the face of an unpredictable labour market, governments should ‘prioritise forms of social security which provide a stable and predictable income floor that citizens can build on through work and saving.’ As unemployment rates and benefit claims skyrocket due to the coronavirus shutdown, the alarming limitations of the current benefit system for dealing with mass unemployment are increasingly clear. Sloman’s book reminds us of the many alternative visions of the welfare state, and social policy roads not taken, which should shape our response to the present crisis and beyond.

Lise Butler
Progressing Exciting Ideas Based on Science, Engineering and Society
The Churchill Enterprise ‘Pitch to Win’ competition 2020

The second Churchill Enterprise ‘Pitch to Win’ competition took place in the Jock Colville Hall on Thursday 30 January. It is open to current students, Junior Research Fellows and alumni. The event was very generously sponsored by the Federation of Shenzhen Commerce, who provided an £800 prize fund for the best pitches. The aim of the competition is to encourage Churchillians to develop their pitching skills and it led on from the ‘Learn to Pitch Perfectly’ workshop held for current students and alumni back in November. Annabel Busher reports.

Each participant had just five minutes to pitch their idea and grab the attention of the expert judging panel made up of five experienced, entrepreneurial alumni including Chair Harry Bullivant (U05), Dr Steve Churchhouse (G85), Dr Philip Hilton (U67), Valerie Jolliffe (U73) and Alan Platt (U93). Ten high-quality pitches were delivered in quick-fire succession by current students and the panel selected one winner and made two Highly Commended awards.

The panel applauded the high-quality presentations with Dr Steve Churchhouse (G85) noting that all the participants should feel very encouraged, and competition Chair Harry Bullivant (U05) reflected on the value of providing this type of opportunity for College members:

‘The competition delivered another enjoyable evening of inspiring business ideas and well delivered pitches. It is always great to bring together a diverse range of College members and create lasting links to progress exciting ideas based on science, engineering and society. Many thanks are also owed to my fellow judges for their insightful questions and time.’

Harry Bullivant (U05)

The Winner

The eventual winner was current PhD Engineering student Susannah Evans (U&G12) who was awarded a prize of £600. Susannah’s winning pitch was for ‘Hide Biotech’, the company she has co-founded to transform industrial by-products into a leather substitute material composed of the same
protein that makes up most of the dry mass of leather. Susannah explained that this material will require less water to produce and lower greenhouse gas emissions compared to genuine leather, whilst reducing cutting waste as it will be formed in a regular shape, unlike animal hides. Susannah, who is currently working with her co-founder Yudi Ding to develop their leather substitute in the lab, plans to turn their idea into a reality and sell the material they develop to existing businesses that use leather. She was hugely grateful to have won the competition and praised the valuable opportunity it provided to fine-tune her pitching skills:

‘Although I had previously pitched the idea, it was a two minute, much shorter version. Extending the pitch to five minutes made me consider what elements of the idea were the most important to communicate and what I should add in to enhance the story. [...] This competition is a great way to incentivise competitors to dedicate time to their communication skills which can so often be neglected, yet communication is such an important skill in all aspects of life.’

Susannah Evans (U&G12)

Two Highly Commended awards

These two awards of £100 each were also presented to current students; Walther Traberg-Christensen (G18) and Kazufumi Iwazawa (G19).
MFin student Kazufumi was commended for ‘Artistar’ pitch, a contemporary artist management company which promotes artists actively through social media and helps them connect with people who look for artwork by emerging artists. Walther, who is studying for a PhD in Biotechnology, was commended for his pitch to deliver the next generation of personalised cancer therapies using ‘Smart Exosomes’, natural nanocarriers engineered to specifically target tumour cells. Reflecting on his award, Walther was clear about the benefit of taking part and also greatly valued the opportunity it gave him to further develop his presentation skills and receive feedback on the ideas he presented.

‘The Pitch to win competition is a great way to practise your pitch and present your ideas to a panel of business-minded judges. It forces you to distil and shape your ideas, and create a story from a business perspective. Winning one of the prizes was a great pleasure; it reaffirmed my passion for entrepreneurship and motived me to continue pursuing research commercialisation.’

Walther Traberg-Christensen (G18)

And finally…

The event welcomed spectators who also enjoyed the opportunity to network with the participants with some complimentary pizza and drinks after the event had ended, which also proved to be of value to those pitching!

The College would like to extend its sincere thanks to the judging panel for their time and expertise and to the Federation of Shenzhen Commerce, represented by Dr Li Peng and Ruhan Zu from Varsity Academy Limited, for so generously sponsoring the event.

Annabel Busher
Yalta at 75: The Summit and its Legacies 1945–2020
The Eighteenth Stephen Roskill Memorial Lecture

The Eighteenth Stephen Roskill Memorial Lecture was delivered by Professor David Reynolds FBA on 29 January 2020. Professor Reynolds is Professor of International History and a Fellow of Christ’s College, Cambridge. He is also a long-standing member of the Churchill College Archives Committee. Allen Packwood, the Director of the Churchill Archives Centre and a Churchill Fellow, tells us that Professor Reynolds’ lecture revealed the nuance and the motivations behind the Yalta decisions and in a first for a Roskill Lecture, he brought the complexities of conducting conference business vividly to life through a short dramatic interlude.

‘No more let us falter! From Malta to Yalta! Let nobody alter!’

So wrote Winston Churchill in a telegram to President Roosevelt on New Year's Day 1945 confirming the arrangements for their participation in the forthcoming ‘Big Three’ conference with Stalin in the Crimea. David Reynolds, long term member of the Churchill College Archives Committee (his home from home from Christ’s) and joint author of the recently published The Kremlin Letters, transported us back to that momentous gathering and used the Roskill Lecture platform to strip away layers of hindsight and reveal the nuance and the motivations behind the decisions that were taken.

Yalta – still a dirty word

Seventy-five years on, Yalta remains a dirty word. Not as tainted as Munich but far from a finest hour and often presented as the moment Poland was betrayed and the world was divided into two heavily armed camps. But as David pointed out, the continent had already been divided on the
battlefield prior to February 1945, with the Red Army in possession of much of the Balkans and Eastern Europe, and both Churchill and Roosevelt travelled to the Ukraine knowing that the best they could do was to seek to ameliorate the military reality.

Nor was the conference just about Eastern Europe, using football scoring analogies (with full apologies to the diplomats present), David showed how Stalin’s victory over Poland must be set alongside Churchill’s victory over the fate of Germany and agreement on East Asia and the United Nations. The conference was never intended to be the last word and it was also about creating a ‘spirit of Yalta’. The three main protagonists had no way of knowing how quickly such a spirit would break down, especially after the death of President Roosevelt in April 1945.

A short dramatic interlude

In what I believe is a first for a Roskill Lecture, David brought the complexities of conducting conference business vividly to life through a short dramatic interlude. This author took the role of Churchill, former Archives By-fellow Dr Olga Kucherenko was Russian-speaking Stalin, Professor Andrew Preston became President Roosevelt and Barbara Laughlin served as both Russian and English translator. A short piece of real dialogue from the conference proceedings performed by the group indicated the slow pace and difficulty of consecutive (rather than simultaneous) translation. This combined with an account of the terrible journey to the Crimea and the basic living conditions during the conference shed a light on the practicalities that had to be endured by Churchill and Roosevelt and explained the toll it took on their health.

Ultimately, David argued that Churchill spent the rest of his life chasing the peaceful settlement that had eluded the world in the aftermath of the conference. He ended with Sir Winston’s poignant quote to his secretary Elizabeth Layton: ‘I wanted to do the peace as well.’

Allen Packwood
Lauren Thomas, Communications Manager, reports that on 12 February 2020, the Master was in conversation with Angela Saini – an award-winning science journalist, author and broadcaster who regularly presents science programmes for the BBC, and whose writing has appeared across the world. Angela started her career with ITN, before joining the BBC as a reporter, where her six-month investigation into bogus universities won a Prix Circom European television news award. Angela is arguably best known for her two books, 2017’s *Inferior: How Science Got Women Wrong*, which won the Physics World Book of the Year, and 2019’s *Superior: The Return of Race Science*, which was a finalist for the LA Times Book Prize and the Foyles Book of the Year.

It’s always interesting to look at someone’s early years and see how they might have influenced the path their career ended up taking, and Angela’s childhood was no different. Growing up in multicultural Newham, London, she recalled *becoming conscious of race when she moved to Bexleyheath at the age of nine*. One particular memory that stood out for her was of spotting a swastika on a lamppost, in an area not far from the BNP headquarters that
she had at first taken for a Hindu sign, making her believe she had again found herself in a multicultural society. However, as fascist marches took place and violence prevailed, Angela quickly became acutely aware of racism. However, she was pragmatic about this early introduction to it: ‘it makes you tougher and you get stronger’.

**Gender and education**

The conversation turned to her education: at a young age Angela had no sense that her gender would ever be an issue in the path she chose to take, but she was told *she would have to work ten times harder because of her race*. Calling herself the ‘scrappy daughter of an engineer’, Angela chose not to follow many of her peers into medicine, describing a pathological fear of blood that once saw her faint during a play when fake blood was used. Instead, she told herself that if her dad could be an engineer there’s no reason why she couldn’t – a subject she loved for its practicality.

**Her father had taught her ‘tinkering at an early age’** and Angela discussed the issue of the toys the different genders are given at childhood. Whilst boys are generally encouraged to use their hands (a key way of gaining spatial awareness), girls are encouraged to nurture, something that seems obvious when Angela pointed out how 80% of veterinary science students are female. I imagine more than one audience member left the talk vowing to buy meccano for the young girls in their lives.

**Angela, the journalist**

Despite her passion for the subject, Angela didn’t become an engineer after she left university; instead she became involved in student politics, which led her to create *her now well-known 6-month investigation into bogus universities* which was broadcast on BBC London and the prime time Ten O’Clock News in 2008 and for which she won the *Prix Circom* journalism award. When asked about any bullying she might have experienced at this stage of her career, a question she said she is often asked by women, Angela was pragmatic. ‘You can always exercise your ability to leave. You should trust in your abilities. As soon as someone knows they have power over you they have the key.’
**Angela, the writer**

It’s hard to believe that Angela ‘fell into’ writing books, but she claimed that it occurred after she wrote a story of India rising as a scientific superpower, something she modestly shrugged off as ‘an easy sell at the time’. Compared to journalism she found it was challenging, as she was no longer controlled by the style of the newspaper and instead had to learn her own. When discussing why she chose to write *Inferior*, Angela explained that she wasn’t just writing it for women. Instead, it was for anyone with lingering stereotypes ‘You can’t hit them over the head – you have to coax them out, hold their hand, and this could mean holding the hands of sexists.’

As for *Superior*, it might surprise people to know who Angela wrote it for. It was herself. It mattered to her that the book changed minds, but this wasn’t foremost in her thinking while she was writing it. She viewed the writing of the book as a cathartic process of working through all the things she had thought about in her life. ‘*Superior is the book* I had in the back of my head my whole life. It’s the one I wrote for myself. I’ve done the thing I came to do and now I can do anything else I want.’

Lauren Thomas
STUDENT LIFE
‘Live as if you were to die tomorrow. Learn as if you were to live forever.’

Mahatma Gandhi
Ensuring Everyone is at Home at Churchill
JCR President’s Report (2019–2020)

Abel Ashby, a first-year student in Psychological and Behavioural Sciences, is the JCR President. Here, he tells us how committed all the JCR members are to the welfare and happiness of the JCR body, and how much College participates in making the student body’s quality of life the best possible.

Week 5 is famous among Cambridge students as being the ‘hump week’ where work seems to pile up and you want to do anything but … For some reason getting to work seems easy, and the crowds in the Bevin library and spring in everyone’s steps indicate Churchillians are little affected. Churchill, with its thriving academic community and emphasis on student welfare, is THE place where passionate students can enjoy learning at a high level while also expanding their non-academic talents.

From strength to strength

The JCR has moved from strength to strength, and in the recent lent re-elections, a climate of passionate officers devoted to working between students and staff has been ensured. Still, the highly experienced previous officers remain in the frame for the current handover period to guide the energies of their successors by educating them on how to fulfil their roles and responsibilities and making sure they can continue their successes as best they can. For that I would like to thank the JCR officers of 2019–20, and executive officers Hannah Saint and Daniel O’Toole.

Having only been elected in November, I cannot take credit, but I can testify first-hand that the previous JCR committee did a fantastic job in making sure first years felt at home right away. The introductory talks and events made it clear from the get-go that the Churchill JCR is a tight community with friendships spanning year groups and subjects. Testament to
this is the Freshers’ immediate involvement in College life, from running open mic nights in the buttery to setting up charity stalls and getting involved in the JCR, which is newly made up of mostly Freshers.

Educating new students

Continuing to ensure everyone is at home in Churchill, the JCR welfare team of 2019–20 ran a diverse set of regular events targeted at creating a dialogue around mental health, inclusion and equality. In particular, Freshers’ week had a host of JCR run events educating new students on gender equality, and the mental health officer Antonis Fourfaro’s speed friending events helped more introverted students come out of their shell. Attending this, I personally have made friends with people I hadn’t got to know before, but now chat to daily. The new Committee is set to take up the mantle, continuing these events and bringing a host of new ones, such as open mic night, to the table.

And finally,

Being president has been so rewarding thanks to the proactive teams I’m surrounded by and the JCR body, which never fails to engage in the events the Committee run and get involved in College social life. Of course, the quality of life in the JCR is mainly thanks to the College, its non-academic staff and management team, with special thanks to Richard Partington (Senior Tutor) whose focus on equal opportunities has led to a highly diverse student body, Shelley Surtees (Domestic Bursar) whose work ensures students are left with little to want, Tasmin James (Bursar) whose work ensures students have the necessary finances to thrive, and Tom Boden (Head of Grounds and Estates) whose dynamic work has ensured that changes to the working environment are responsive to student needs. Thanks are also due to MCR member Kieran Heal, who, with his extensive experience as president, vice president and treasurer, handed over to me and made sure the current JCR had all the tools it needed to continue his work.

Abel Ashby
The Feeling of Community is as Strong as Ever
MCR President’s Report (2019–2020)

Jannat Ijaz, a third year PhD student at the Wellcome Sanger Institute studying cancer genetics, is the MCR president for the second year running. Here she reports on the many events organised by the MCR for the postgraduate community, not just on arrival but throughout the year, despite the challenges of the pandemic.

The coronavirus pandemic has caused the world to come to a halt but, despite this, I have been truly amazed at how Churchill College has responded. While many of the members of the Middle Common Room (MCR) have had to leave Cambridge, the feeling of community is as strong as ever. Our students have signed up to schemes to deliver essentials to vulnerable people who are unable to leave their houses. They have set up organisations to help people who are in situations of domestic abuse. They are delivering hot meals to doctors working on the front lines. These are just a few of the brilliant things students at Churchill do in a time of crisis. This is the sense of community that Churchill has.

Welcoming new students

The prospect of arriving in Cambridge is undoubtedly nerve-wracking, especially if, like many postgraduate students, it is also your first experience of life in the UK. However, the Churchill MCR committee are always on hand to welcome students as they arrive, offering advice and being the well-needed familiar faces. This year has been no exception and the hard work of the MCR committee meant that new students had a whole range of activities to choose from. They worked tirelessly to allow students to eat their body weight in burgers at the BBQ; get the full Cambridge experience of precariously punting down the Cam; got introduced to some of the best pubs Cambridge has to offer and got to know each other and the College in ever popular hostel crawl. Matriculation marked the official introduction into Cambridge, followed by a fantastic formal hall.

Matriculation was not the only memorable formal hall of this year. The MCR-SCR mentoring hall is always a key event, giving MCR members an
opportunity to meet members of the SCR, foster relationships and learn about research outside of their field. Robert Burns was celebrated in true Scottish fashion, with a formal dinner featuring haggis and 'neeps and tatties', bagpipes and a hectic Celiedh. And guest night was, as always, an unforgettable night. After weeks of work from the internal social secretaries and Vicious Penguin Bar team, Churchill College went out of this world in Michaelmas with a themed formal hall, performances from local bands, a karaoke, bars, Churchill's very own Chu Casino and a silent disco.

Supporting our community

While studying at Cambridge, all students will have high points and low points and there are dedicated MCR welfare officers who support our members. These officers are always on hand to offer support and advice and ensure the MCR is a welcoming, inclusive and safe place. They run a variety of events including welfare teas, yoga and pizza nights and resolve to keep these events going during the coronavirus pandemic with virtual quizzes, cooking tutorials, virtual welfare teas and online yoga tutorials. The MCR’s academic life will also continue with members giving a 20-minute web seminar on their research as part of the ChuTalks series.

Churchill – a supportive environment

While each College gives a distinct experience, I would not want to study at any other College. The sense of community, that is still present even during the coronavirus pandemic, means there is always someone for members to turn to whether they are physically present or not. And we mustn’t forget the staff who work to keep the College running: the porters who work around the clock to keep the College safe; the chefs who provide fantastic food at formal dinners; the maintenance team who ensure that College is always working and looking its best; and of course, the academic team who are always on hand if support is needed.

Involvement in the MCR can be variable for different student, but I thoroughly encourage students to get involved, my Cambridge experience would not be the same without it.

Jannat Ijaz
A Hugely Successful Year
Churchill Football (2019–2020)

James Burdock, a third year Maths student, is the Captain of the Churchill Football Team. Here he tells us that this year has been ‘a hugely successful year for the Churchill College football team’ unfortunately prematurely interrupted because of the coronavirus pandemic. He concludes optimistically that ‘the boys are hyped for another big season next year’.

It’s been a hugely successful year for the Churchill College football team. After losing some influential midfielders and strikers from the team at the end of last year, it wasn’t clear at the start of the season whether CCFC would be able to find its feet and compete for the league title this year. We also decided on a drastic formation change, switching to a 5-3-1-1 formation with wing backs, meaning the year could have taken us in any direction.

Winning our games

The first 2 games saw us play Robinson and Sidney Sussex. Sidney Sussex have been our kryptonite in past years, so it was by no means an easy start to the season. But our surprise tactic of wing backs provided us with acres of space out wide, allowing our attack to be free-flowing and clinical. Goals from Ed Wicken, Athi Chellappa, Max Turney, Ed Stevenson, Tony de Anele and Jed Asemota saw us win our first two games 3–0 and 5–1 respectively.
The season then picked up a notch as we played Homerton and Queen’s, two of the powerhouses of the division. Had each of the games finished after 80 minutes we’d have come out with 2 losses, but a late goal from Ed Stevenson and two late goals by Andreas Economou and Ed Wicken saw us draw 1–1 with Homerton and win 3–2 against Queen’s in last minute comebacks – a sign of true champions?

Cup campaign

By this point in the season our cup campaign was also starting to pick up. After a forfeit from Trinity and a hard-fought victory against Corpus Christi, thanks largely to our blues superstar Jocelino Rodrigues, we found ourselves in the quarter-finals against Clare under the wrath of Storm Ciara. This was possibly the biggest game of the season for Clare as they played their league games in Division 2, and they certainly showed it on the pitch. The harsh winds pinned us in our own third for the first half of the game, and some top-notch defending from Sam Ernest, Max Turney and Andreas Economou saw us go into half time with a clean sheet. After the change of ends we started to take the fight back to Clare, and a long-distance strike from James Burdock flew (with a little help from Ciara) past the Clare Keeper into the bottom corner to set-up a tense final 15 minutes. But Churchill held out, and the 1–0 win saw us through to a semi-final against Queens.

Hiccup on the way to the final

In the meantime, we had a league game to play against a struggling St John’s side. They were fighting to avoid relegation, but from the way they played against us you wouldn’t have guessed it. Some sloppy defending and a controversial penalty saw us go into the final half hour 2–1 down, and you could feel the Churchill boys starting to doubt themselves for the first time. However, a neat finish from James Burdock saw us level, and as Johns tried to waste time to come away from the game with a point you could feel yet another comeback coming on. And with barely a minute to spare, a free kick won and then delivered teasingly into the box by Matt Beazeley saw Max Turney poke the ball home to secure a 3–2 win and keep us on track for the title.

Then came our first hiccup. A cupper’s semi-final against Queen’s saw them put out their full squad – Blues, Falcons and all. But we have our fair share of top quality as well, and what followed was an intense and evenly
matched game of football. The only goal of the game came from a corner in the 80th minute, and it was Queen's who took the lead. For the first time this season we couldn’t pull off a last-minute comeback, and Queen’s progressed through to the final. Though our cup run ended in the semis it was a great run that saw us get further than we had in recent years, and provides a great target to beat next season.

Games cancelled

And that semi-final ended up being the last game of the season. The COVID outbreak saw all remaining games cancelled. Hence, we finished the season effectively tied at the top of the table with Fitzwilliam, and will try to push for a play-off for the league title when football resumes. It is a shame the hugely impressive season couldn’t be finished with some silverware but none the less, the boys are hyped for another big season next year.

James Burdock
The Grit and Passion of the Churchill Rugby Team
Churchill Rugby (2019–2020)

Jack Salvesen (U18), a second year Natural Sciences (Physical) student, is the captain of the Churchill College Rugby team. Here he reports on another very successful year for Churchill rugby.

As captain of the Churchill College Rugby team for the 2019–20 season I have had the pleasure of representing the College alongside the group of over 30 players. A bumper haul of keen and talented Freshers combined with the existing group of committed and seasoned players has allowed the club to flourish, both on and off the field; we have enjoyed not only some fun and competitive fixtures over this season, but also a successful social calendar.

A cohesive team

Team cohesion has been a top priority, and the Club’s Social Sec Demi Obembe has facilitated this fabulously, alongside Treasurers Stephen Hughes and Javi Martínez Jiménez who have ensured everything has run smoothly throughout the season. Some highlights have included the Club’s following of both the world cup and six nations (a particularly strong showing at the
Robinson beer festival for Ireland v Wales), Demi’s masterfully planned nights out and we look forward to dinner with the Old Boys and the Club’s end of season dinner.

Winning the shield

Coming off the high of last season’s Cuppers Plate win we began our season with an intercollegiate touch tournament. This was a fun way to give the newly recruited Freshers a taste of College rugby, and we were proud to be able to field two full teams for the tournament, coming away with the winner’s shield.

Suffering from our success

Following this strong start, we flew into the intercollegiate league keen to replicate the success of previous years. Unfortunately, we quickly suffered from a lack of numbers both due to a number of unfortunate injuries but also from losing key players to University matches and training (suffering from our own success). In true College rugby fashion, we have played games anywhere between 40 and 80 minutes and with between 10–15 men and have successfully trained new players up from scratch over the course of the season.

An active community

We are currently mid Cuppers campaign, recording our most recent win over Trinity/Christs (22/02/20) despite playing the full 80 with only 13 men – a testament to the grit and passion this Churchill side play with. We look forward to our old boys’ game as the season draws to a close as we are particularly proud of the active community we have as a club, and we are keen to keep in touch with past players.

Jack Salvesen
FEATURES

Geoffrey Clarke's Past, Present, Future
‘The ordinary man casts a shadow in a way we do not quite understand. The man of genius casts light.’

George Steiner
A Diplomatic Master
Remembering Sir John Boyd

Jennifer Brook, a Churchill Fellow and Bursar (1998–2017), gives us a wonderful account of what Sir John Boyd did for the College over his ten years’ tenure as Master: trying to bridge the gap between the Arts and Sciences, heightening the profile of the Churchill Archives Centre, encouraging the then new Director of the Møller Centre to search for new markets outside of the UK, supporting College music, and appointing the first Development Director – to name but a few of his achievements. A very popular, much loved, respected and fair Master.

When Sir John Boyd died in October 2019, there were some splendid obituaries in the national papers. However, none of them mentioned, except in passing, his Mastership at Churchill College.

Sir John was appointed at a pivotal point in the history of the College as it approached its 40th year. A core group of the Fellows recognised the need to continue the professional development of the management of the College, which Sir Alec Broers had embarked on before he was appointed to the Vice-Chancellorship of the University. The buildings were also reaching an age where major maintenance was required and where some of the faults of the original design were becoming more and more apparent.

On his appointment, Sir John found himself in the community of Churchill College without a qualified accountant, Domestic Bursar, qualified personnel manager, with an ageing management team and a Bursar who was about to take a year’s sabbatical. The Fellowship was still overwhelmingly male and, of course, by statute 70% in the science and technology arenas. Nonetheless, he
and Julia recalled often how they felt at home and a part of the community from the day they arrived.

**Reviving the College’s early innovations**

From the start, Sir John absorbed rapidly the ethos of the College and he set to revive some of the early innovations that had marked out the College from others in Cambridge and elsewhere. He was influenced by some of the distinguished senior Arts Fellows in the College at the time – Edward Craig, George Steiner, Hugh Wood – and senior Science Fellows such as Archie Howie to name but a few – to address the Arts/Sciences divide and to build opportunities within the College to try to bridge the widening gap.

**Heightening the profile of the Archives Centre**

Shortly before his appointment, the Churchill Archives Centre had successfully secured the Churchill Papers with grants from the Heritage Lottery Fund (as it is now known) and the John Paul Getty Foundation. Sir John saw the
importance of the Archives Centre as a centre of excellence and his work with the Sir Winston Churchill Archives Trust, set up at the behest of the Heritage Lottery Fund to oversee the work on the papers, and the increasing public profile which resulted from that, led to the successful bid by Piers Brendon and others to host the papers of Lady Margaret Thatcher in 1997. Sir John capitalised on the work of the Archives Centre to attract interesting visitors – politicians, diplomats and potential donors from around the world to the College. With Sir Julian Seymour, who chaired the Margaret Thatcher Archives Trust, he went on to.raise the money to build an extension to house her papers and those of others, and to endow a full-time post of Director of the Archives Centre.

Sir John made great use of the Master’s Lodge as a venue for hosting small lunches with visitors who he thought might be of use to the College. These lunches were generous and made good use of the Fellows’ wine cellar and they engaged an eclectic mixture of people with the College who would not, usually, have had contact with it. They came from all over the world, with Sir John making good use of his diplomatic contacts and fluency in multiple languages.

Supporting College music
As a talented viola player, Sir John supported College music in many ways. He was always to be seen at College Music Society concerts and.brought a number of professional musicians on site to play for the College community and our neighbouring Colleges. He also supported the new Director of Studies in Music, Peter Tregear, in setting up the ‘Orchestra on the Hill’ and producing operas such as Machinist Hopkins and Chaka (by Overseas Fellow Akin Euba) in the Dining Hall. He helped to judge the Yehudi Menuhin Violin competition each year.

Tragedy in Sir John’s third year
In his third year as Master, Sir John was struck down by a massive stroke which left him with restricted movement on his left side and sadly, no longer able to play his viola. However, he had barely recovered when he accepted the chairmanship of The British Museum Trustees. This was to prove even more challenging than Churchill College but also provided another mine of interesting people to visit the College.
Encouraging the Møller Centre’s development

During his Mastership, Sir John chaired the Board of the Møller Centre for Continuing Education (now the Møller Institute). This had been built in 1990 with a donation from Maersk McKinney Møller’s Foundation but had struggled, as a business, to cover its start-up costs and make money. It had a separate management team and addressed a different sector to the College’s vacation conference business and in 1998, Sir John led the appointment of a new Director, Gillian Holdom (now Secrett). With the support of the Board, which included two alumni of the College and an executive nominated by the Maersk Foundation, Gillian brought the business into profit within a few years and led it, from strength to strength over the next 20 years. Sir John developed a good relationship with Mr Møller and helped secure additional funding for further development of the Centre in due course.

The College’s conference business continued to produce good returns from its core clients, scientific conferences, and others but faced the challenge of competition from other Colleges and hotels and a long period of renovation works during the Long Vacation which reduced capacity. Anne Hamerton (Conference Manager) and Gillian Dickinson (Head Housekeeper) produced extraordinary results. These were needed to help fund the necessary building maintenance and improvements.

Other major College developments

Sir John also revived the Industrial Advisors Panel, working with Correlli Barnett, the Development Fellow, and other Fellows to identify alumni working at senior level in the civil service, industry and technology, together with other leaders in business he had come across during his career.

The Estates Committee, chaired by Sir John, recommended significant capital expenditure over the next ten years on structural work and services, including the replacement of the boilers (1999) and the district heating main pipework. This was followed by the major refurbishment of the Master’s Lodge, the complete reconstruction of the College kitchens (2000), the refurbishment of the Sheppard Flats (2005), the building of the ‘pepperpots’ – Hawthorne, Bondi and Broers Houses – for graduate students (2001) and finally the Archives Centre extension.
Sir John and Julia encouraged the creativity of the young manager of the Gardens (and shortly after, also of the sports fields), John Moore; he created an oriental-themed garden for them and landscaped the rest of the Master’s Lodge garden. With Sir John’s support in the Estates Committee, all the main borders around North Court and elsewhere were re-planted and a new colourful era began.

The need for professional fundraising and proactive management of alumni relations was identified by Correlli Barnett and other Fellows. Under John, the College appointed its first Development Director. From a part-time Fellow in 1996, with a part-time secretary and an Access database of some 2000 alumni with the barest of information about them, by the time of Sir John’s retirement there were three people in the office full-time and the Alumni database was well underway. Many more events were being arranged for alumni and for other potential donors.

Sir John supported the establishment of a personnel office led by Paula Halson (now Laycock) and the gentle slow introduction of more professional personnel management within the College. He chaired a newly formed Staff Representatives’ Forum himself. He also supported the Bursar’s proposal for reorganising the financial administration of the College and the appointment of the first qualified accountant as a Finance Manager. The financial pressure on the College was increased by the removal of tax relief for charities on dividend income and the re-engineering of the College fee. Sir John understood the need for timely, accurate management accounts, and financial planning.

Julia, meanwhile…

…once their daughters had left for university, was asked to take over the Presidency of the Boat Club by Dr Jack Miller. She did this willingly and was to be seen frequently, cycling along the tow path, Jaffa Cakes in her basket, cheering on the College boats. Apart from the unfortunate incident when the High Table split in two during an over enthusiastic dance at a Boat Club Dinner, this was a very successful and happy time.

The Boyds – popular with staff and students

Sir John and Julia were popular with staff and students. They knew most of the staff and were particularly kind to those who worked closely with them.
Sir John refused famously to use a computer and so being his PA was no easy option – particularly when he was engaged in so many other organisations outside the College. Elizabeth Tissier and Rosemary Saunders performed the role admirably.

The Boyds hosted regular tea parties for staff and particularly supported staff who were going through difficult times.

The Boyds dined and lunched regularly in the Fellows’ Dining Room and attended every special event, particularly engaging with the partners and guests of Fellows. Fellows were invited frequently to join lunches in the Master’s Lodge with visitors. Sir John did not like conflict and managed the Governing Body through consensus. He was scrupulously fair when dealing with students, staff or Fellows in difficult circumstances. A diplomatic Master indeed.

Jennifer Brook (formerly Rigby)
Richard Holmes (U64) was a student of George Steiner during his time at Churchill. He is the author of *The Age of Wonder* and other biographies, and is now an Honorary Fellow. In this brief biographical sketch Holmes remembers George Steiner in the early days, already an extraordinary figure and a teacher of genius. He paints a fond portrait of a complex, driven, contradictory and fascinating man who became legendary among his students.

Over the next three years I had weekly encounters with this extraordinary personality: provoking, upsetting, hilarious, but always hugely exciting. On
reflection, I now think of George Steiner as a driven and contradictory man, but undoubtedly a teacher of genius; and of course, an intellectual star. Despite subsequent ups and downs, I owe him a great deal as a writer, perhaps especially to Grammars of Creation (2001), his inspired study of the Arts and Sciences working together.

I can’t offer any kind of assessment of such a polymath. This is not an obituary. But I can record some early fragments of memory. Beginning on 20th September 1964, with hot autumn sunlight and the pungent smell of the new blue linoleum on the Churchill College staircases. At 2pm, nine of us skittered nervously up Staircase Eleven to his rooms. Here we found a small, dark intense figure crouching on the marble window seat, pipe gripped in a withered right hand, which of course immediately transfixed us. Much later he told many improving tales about this hand, notably how his mother insisted he learn to do up his own shoe laces with it, an early lesson in self-mastery.

George Steiner with Henry Moore (1965)
A pair of large brown eyes, fiercely interrogative, scanned and fixed us; and a strange emphatic mitteleurope voice swept over us. At first strident and domineering, but then oddly caressing and polyphonic: seductive echoes of Vienna, Paris, New York with the hint of a lisp. For the following three years we tried endlessly and unsuccessfully to imitate this accent.

He was commanding, yet strangely courteous. He addressed each of us by surname, with the formal addition of ‘Mr’. (I can still hear, Mister Homz, going off like a burglar alarm in these supervisions). He taught initially by close-reading of poems, explication de texte. His first choice was from Samuel Johnson’s ‘The Vanity of Human Wishes’, the section that begins:

‘When first the College rolls receive his name,  
The young Enthusiast quits his ease for fame;  
Through all his veins the fever of renown  
Spreads from the strong contagion of the gown;  
O’er Bodley’s dome his future labours spread,  
And Bacon’s mansion trembles o’er his head….’

We warmed to the gentle irony of this, and the ‘contagion of the gown’. But then he teased us that as ignorant ‘Cambridge men’ we did not know that Johnson’s reference to ‘Bodley’s Dome’ simply meant the Bodleian Library, Oxford.

Another close-read poem was John Crowe Ransom’s beautiful ‘Bells for John Whiteside’s daughter’. With surprising tenderness, he made us understand the elegy for the little girl and the role of her familiar flock of geese, ‘who cried in goose, Alas’. This was an anticipation of his famous late essay ‘Of Man and Beast’ from My Unwritten Books (2009), celebrating man’s relations with animals, but lamenting the hideous damage inflicted on the natural world.

The fierce pedagogue

His fierce pedagogy was mixed with sudden charm. The emphatic manner, with its panting growls and piercing glares, would soften to moments of mischief. I remember once turning up with ‘flu, having hopelessly failed to write a required weekly essay on Middlemarch. He looked thunderous, and then the brown eyes gleamed. ‘Take a week off. Go to bed with George Eliot.’
He often admonished us: ‘The cry in the poem may come to sound louder, more urgent, more real than the cry in the street outside.’ He once effectively shamed us by saying that, at the very moment we sat there comfortably in his supervision, two of his other students were preparing to go off to fight for a beleaguered Israel. This must have been some months before the Six Day War of June 1967. Someone murmured to me: don’t worry, it’s just like Miss Jean Brodie recommending Mary MacGregor to go off and fight in the Spanish Civil War.

But George genuinely wanted us to engage with the world. When the Cambridge Union announced a controversial debate between the black, gay novelist James Baldwin and the American right-wing journalist William Buckley Junior, George insisted we attend and make notes. Held on the night of 18th February 1965, even the wording was provocative. ‘Has the American Dream been achieved at the expense of the American Negro?’ George grimly predicted a white supremacist massacre by Buckley. In fact, Baldwin triumphed, as can still be seen on the YouTube video, where several of us can be glimpsed packed into the front bench behind Baldwin. George was delighted by Baldwin’s success, but even more by having inspired our attendance.

The passionate writer

We were vaguely aware of some of the essays George was writing at this time, later published in Language and Silence (1967). There was the passionate analysis of his own Jewishness and cultural inheritance, with his rejection of Zionism (‘this is precisely where I am an outsider’) in ‘A Kind of Survivor’ (1965). Here we got a first glimpse of his roving autobiography, which would later be expanded in Errata: An Examined Life (1997). To me now, this is his most engaging and romantic book. It has unforgettable accounts of his father and mother; of his fair seed time at the University of Chicago, and his own teachers and mentors: ‘at best, an enacted allegory of disinterested love’.

We were impressed by his apparently Olympian knowledge of international pornography. This was imperiously surveyed in ‘Night Words’ (1965). He dismissed it as ‘inescapable monotony’, which subverted ‘a last, vital privacy’. Yet observed bracingly that Fanny Hill and Candy were ‘mock-epics of orgasm, books in which any sane man will take delight’. At the age of 79 George
would return gleefully to the erotic possibilities of language, with witty nostalgia in ‘The Tongues of Eros’ (all innuendo intended) in *My Unwritten Books*.

We did not know that at this time he was writing one of his most contentious early essays ‘To Civilize our Gentleman’ (1965), which challenged the whole narrow basis of the Cambridge English degree (as it then was), and appealed instead for knowledge of Comparative Literature and Science. Apparently, this was not well received by the English Faculty. At all events, Dr Steiner was not yet permitted to give formal university lectures.

Propelled by vague rumours of this injustice, we went off to hear him perform superbly to packed ‘town and gown’ audiences at the Corn Exchange, above the Market Place. He started to become ‘our George’. He attracted a kind of protective pride, even a discreet fandom. But it was not encouraged. Once, beforehand in the Corn Exchange corridor I wished him a cheery student ‘good luck’. It did not go down at all well.
Meanwhile George’s own star continued to rise elsewhere. He became lead book reviewer for the New Yorker (1966–97). His desk was sometimes draped with long, snakelike sheafs of typeset, which I now realise must have been American galley proofs. His famous New Yorker demolition of Sir Anthony Blunt, Cambridge art historian and spy in ‘The Cleric of Treason’, was subsequently collected in George Steiner: A Reader (1984)

He was also working on The Penguin Book of Modern Verse Translation (1966). Its visions of brilliant diversity ranged from Gladstone translating Homer to Christopher Logue translating Neruda. This was Comparative literature in action, uniting different languages, different cultures and different time periods, and it was an enthralling prospect. It also gave me a first astonishing glimpse of George in voluble party mood, perched on staircase drinks in hand, with his young editor at Penguin, Tony Richardson. Their laughter was thrilling and conspiratorial, a very advanced kind of seminar. This project finally led on to one of George’s most influential and brilliant books, on the metaphysics of language, After Babel (1975).

The exceptional supervisor

In supervisions, his enthusiasms were urgent and global. He had several characteristic words of emphatic praise: a given text was ‘prodigal’, or ‘peregrine’, or presented valuable ‘difficulty’. After two hours, we would go back down Staircase Eleven reeling. When he brought the writer John Wain to the College bar, George was puzzled and offended that we did not all immediately crowd round. The following week I tried to explain. We were being genuinely polite; we did not want to intrude on his distinguished guest. He was having none of it. ‘Oh, so English, oh so Cambridge! In Chicago the students would have packed round, they would have besieged us.’

He once praised an essay of mine on Greek Tragedy, by picking out a single sentence. ‘The end of the play has the quality of a terrible road accident, from which we are in some sense thrown clear’. He twinkled. ‘Thrown clear. That has possibilities. I may steal it, Mr Holmes.’

He stressed the overwhelming importance of memory, and ‘memorising by heart’, as was done in the French lycées. This was one of the secret keys to education: having poems that can never be erased or taken away from you. They would be hard rations in bad times, old age, or illness.
He once told us that he always tried to memorise the first five names on any war memorial he passed.

He advised only briefly on how to write Tripos exam essays. ‘Imagine you are at dinner, and the unknown man next to you, between two spoons of soup, asks you the question. Take a moment of thought, then go at him full tilt, no jargon, no neo-pomposities. Absolutely hold his attention.’

At my final tutorial, he gave one of his growls of laughter. ‘Mr Holmes, you always found it so difficult to get comfortable in that chair!’ Meaning that I was ill at ease in his presence; or was ill at ease in the academic world in general. Later I discovered that, with immense kindness, George had recommended me to several literary editors in London. He never told me at the time. Elsewhere he wrote vividly about the necessary ‘tensions’ between teacher and pupil, the ‘seductive’ potential, and ‘the simultaneity of pride and jealousy on both parts’.

The contradictory man

Over the next four decades I followed his books, and had many different encounters with him, notably at the British Council’s annual international
Cambridge Seminar at Downing. Here, George more than held his own among starry non-academic authors: Doris Lessing, John Fowles, Arnold Wesker, Rose Tremain. I was now there in my role of Romantic biographer, and witnessed with fascination how **he could simultaneously dazzle and berate an international audience**. Harriet Harvey Wood, then Literature Director, also remembered George as an hypnotic lecturer, ‘prophetic and doom-laden, who would turn up with half a page of scribbled notes, and never refer to them’.

At one Royal Society of Literature lunch George was seated next to the biographer Fiona MacCarthy, and teased her unmercifully about her magisterial new biography of William Morris (1994), whom he considered an irredeemably minor figure. Fiona left the lunch early, and was found standing on the steps outside, reduced to floods of tears. It was characteristic that George had no idea what he had done.

Yet **George could be chivalrous and heroically kind**. One typical case was that of an unknown young French teacher, Cécile Ladjali, who wrote to him about her difficult pupils in her tough Lycée Evariste-Galois near Drancy, the ill-famed suburb to the north of Paris. She had achieved a breakthrough by working with them on his book *In Blue Beard’s Castle* (1971), and he responded by helping to organize a collection of their writings and contributing a Preface. The full story is told in *Le maître et l’élève* (Albin Michel, 2003). Ladjali, now an established novelist, recalled: ‘These troubled kids had thrown a bottle into the sea, and Steiner alone responded with huge generosity.’

In April 2009 I gave an address at his 80th Birthday Feast, in the intimacy of the Fellows’ Dining Room at Churchill. My brief talk was a bouquet of anecdotal praise, with a recital of his twenty-five formidable books, and a few sly jokes. George seemed to take it well. I ended with a quotation from *My Unwritten Books*, my own favourite, in which he refers to ‘the enviable British record of tolerance, and ironic immunity to intellectual charisma’. Afterwards, as we walked down the College steps together, George turned to me with a touch of real wistfulness: ‘**Richard, why do the English always mock those they most admire?**’

Richard Holmes
Gillian Secrett left the Møller Institute (previously Møller Centre) after twenty-two years at the helm as CEO. The special High Table dinner organised in her honour towards the end of Lent term had to be cancelled due to the pandemic. Professor Dame Athene Donald, Churchill Master, gives her tribute on Gillian, followed by Ane Maersk Mc-Kinney Uggla, the daughter of Maersk McKinney Møller, Founder of the Møller Centre/Institute.

**Professor Dame Athene Donald**

Gillian Secrett made an enormous difference to the trajectory of the Møller Institute, by broadening the base of its clients to bring in major Chinese Banks and Healthcare professionals for executive education courses. With a clear focus on the needs of each of the Institute’s clients, she made the Møller a very special place with a formidable reputation in the sector.

Equally, considering the Møller as a venue, she oversaw an operation that had every base covered for attendees. I was always struck by being told by peers in other institutions who had used the centre for its meetings, what an impressive venue it was. Gillian made all this possible. She will be much missed by the Møller staff and College members.
Ane Maersk Mc-Kinney Uggla

To the Møller family Gillian has always been a true beacon of our core values: Constant Care; Humbleness; Uprightness; Our employees; Our name.

We are deeply thankful that Gillian – through her professionalism and through these values – has contributed enormously to the development of the Møller Institute. I am proud that the Institute carries my father’s name.

Having helped the Møller Institute in designing and delivering their first online course and as a member of the Education Standards Committee – I personally would like to testify to her warm and caring personality, her meticulous preparation and her enthusiasm for leadership programmes.

The Master’s and Ane Maersk Mc-Kinney Uggla’s tributes are echoed by those who worked most closely with her over the years. Below is a flavour of what they wrote about Gillian as a person, as a colleague, as a leader, about her work ethic, her vision, her support of staff and finally her legacy. We are all indebted to Gillian for her determination to achieve excellence, for her vision for the Møller Centre and for her role in transforming the Centre into the Møller Institute.

As a person

Gillian is a generous, caring and loving person, and these qualities meant colleagues became an extension of her family. (Stuart Websdale)

She is a driven, highly intelligent, kind, funny and very warm person, whom we will miss greatly. (Richard Partington)
As a colleague

As a colleague she has always been very friendly and kind and a pleasure to be with. (Alec Boksenberg)

Assistants and their managers inevitably develop a very close relationship very quickly and Gillian’s impact on my career direction and self-development has been very significant. (Rachael Thomason)

I had the privilege of working closely with Gillian for 16 years, and if there is one word to describe her, both personally and professionally, it would be ‘remarkable’. (Stuart Websdale)

As a leader

With hindsight, the recruitment of Gillian as the first externally appointed Director of the Centre was a masterstroke. The business was at the outset uncertain in its future and character. Its present ethos and high standards, and its commercial successes, owe most of all to Gillian’s stewardship and example, to her resolution through the trickier times, and to her leadership of the growing team. (James Norris)

That Gillian Secrett was an inspirational leader of the Møller Centre (now Institute) was clear to me as soon as I arrived in Churchill College as Senior Tutor in 2007. A sense of the Møller’s stellar reputation – already built by Gillian – had preceded my arrival, because every businessperson I had previously come across who had attended Møller events had raved about their quality. (Richard Partington)
Gillian practised what she preached. Her open and consultative style won many friends and admirers among colleagues and staff as well as clients and customers. The warmth and affection in which she is held were vividly captured during her leaving party where many shared inspiring and appreciative stories of Gillian’s leadership. (Mike Gregory)

Gillian was clearly a leader and innovator of a highly business-like, efficient and successful organisation. (Alec Boksenberg)

Having worked alongside Gillian for 22 years I grew to admire her leadership style unequivocally: her warmth, her enthusiasm, energy, dedication and compassion inspired me to follow her lead and try to mirror her approach. Without question, her encouragement and skilful coaching style made a positive impact on me and has shaped both my career and my own leadership style. (Laura Websdale)

I’ve worked for US presidents, Generals, football team owners. Nobelists, Pulitzer Prize winners. Gillian is by far the most thoughtful, hardworking and visionary leader I have encountered. She is a world class leader and a remarkable person. (Georgia Sorenson)
Her work ethic

Gillian was both the public face of the Møller Centre and the efficient engine driving what – after all – looks like a great Maersk ship. She always seemed in control and was a reassuring presence for those of us speaking to her high-profile international clients. Whether she was being translated into Chinese or Japanese, whether she was talking to students or business leaders, she always got her message across with consummate professionalism and an enviable calm. (Allen Packwood)

Gillian’s total commitment to the Møller and the College’s wider mission was patent. She was someone who devoted her heart and soul – and many, many hours of work – to the cause. (…) Most of all – and this is really special, I think – Gillian was committed to excellence in every area of the Møller’s operation, from the quality of the coffee through to the educational content that was, in my view, her absolute passion. (Richard Partington)

Gillian’s warmth and professionalism were always evident to the Board, as well as her constant striving to build up the Møller Centre – now Institute – in new ways. It was a pleasure to be part of it. (James Norris)
**Her Vision**

Gillian’s vision was to expand the hotel/venue model of the Møller Center to an Institute of excellence in the development of leaders, both within her staff and her clientele. (Georgia Sorenson)

Gillian was exceptionally committed to the success of The Møller and was determined to position the Centre as a leader in its field, and truly support Churchill College, an institution she was incredibly proud to be associated with. Success did not come easily, as is often the case with any new venture, however, Gillian’s strategic vision, financial acumen, tenacity, patience and determination to establish and maintain genuine relationships were the cornerstones of sustained success. (Stuart Websdale)

Imagine this, as a CEO or movement leader, having a place for disciplined reflection, leadership researchers and experts to help: a step above conference centres who had to import occasional leadership faculty to accomplish any credibility. An Institute with an academic journal for dialogue and training developed using cutting edge research. Leadership scholars adding to the rich mix of programme designed by excellent trainers. No such place existed and Gillian was bold and prescient to imagine it. (Georgia Sorenson)

**Supporting staff**

With such an international mix of staff, for many, the Møller team were a family. The culture that evolved, centred on trust, respect, honesty and integrity, and an unwavering commitment to service excellence. This approach resulted in many successes, but none greater than the personal development of so many people who had the good fortune to work with her. (Stuart Websdale)
She was equally committed to the Møller staff, so many of whom she obviously inspired and encouraged. I believe one can talk of a Møller Institute ‘family’ with conviction. (Richard Partington)

Very importantly, Gillian also had the respect and affection of all her staff, both top and general, many of which I got to know well. (Alec Boksenberg)

Gillian’s passion for supporting people to be the best that they can be is evident in everything she does, and everyone she interacts with. Her enthusiasm is deeply admirable and infectious and certainly influenced my own direction in continuing my career progression at Møller to develop business leaders. (Rachael Thomason)

**Her legacy**

Under Gillian’s leadership, ‘The Møller Institute/Centre’ became a brand name in the financial and medical sectors in China. (Boping Yuan)

Gillian was committed to excellence… Latterly this was framed by the concept of ‘leadership’, such a good fit with Churchill writ large, and it is excellent and wholly appropriate that the next phase of Gillian’s career will see her continue with that passion elsewhere in Cambridge, to the University’s benefit. (Richard Partington)

Beyond profit, business reputation and an enviable awards cabinet, Gillian’s legacy will be the impact she had on so many people, both staff and clients alike. The colleagues she trusted, invested her time in, gave opportunities to, will carry on their careers with a mantra of ‘constant care’. A message Maersk McKinney Møller shared with Gillian on her appointment, and one she holds dearly to this day. (Stuart Websdale)

Gillian’s legacy is a progressive leadership development institute, proudly part of Churchill College working alongside College to extend its global reach and reputation through the delivery of executive education and generating revenue to support College deliver its commitment to academic excellence, innovation and leadership. (Tim Hill)

It is very pleasing that many former participants in Møller programmes, some of whom are now holding very senior positions in China, happily and
voluntarily help to promote ‘the Møller Institute/Centre’ in China. All of this, I believe, is a valuable legacy that Gillian has left to the Møller Institute. (Boping Yuan)

(Gillian) leaves The Møller for pastures new, but the legacy she leaves behind with the massive help of her team is extraordinary. (David Dutton)

Møller’s business success, recognised in a 2012 Queen’s Award for Enterprise in International Trade, has been very lucrative for the College. (Danny Ralph)
A Psychological Vaccine Against Misinformation

Bad News – An Online Interactive Game

Dr Jon Roozenbeek, a Churchill By-Fellow and Dr Sander van der Linden, a Churchill Fellow, are both social psychologists. In this piece they explain the importance of combating online misinformation, especially in a time of crisis like the COVID global pandemic, and how they went about it – creating an online game called Bad News (together with the Dutch media platform DROG), which was awarded the Frank Prize in Public Interest Communications and the Brouwer Prize from the Royal Holland Society of Sciences. The results are promising, not just for English speakers but across cultures and languages.

The spread of online misinformation has long been a point of concern, but is taking centre stage during the current COVID crisis. Misinformation can flourish in times of crisis and uncertainty. Especially now that countries are in lockdown and it remains unknown when life can go back to ‘normal’, the internet can provide a fertile breeding ground for ideas based on speculation rather than evidence. Particularly during a health crisis, misinformation can pose a risk¹ to public safety: messages proclaiming the effectiveness of fake cures such as gargling salt water² to kill the virus abound, possibly prompting people to seek actual medical treatment too late or not at all; across the world, mobile phone masts are being set ablaze, as false theories about 5G ‘radiation’³ causing or worsening COVID symptoms make the rounds; and anti-vaccination activists are having a field day trying to convince people that the pandemic is a thinly veiled way to enforce global vaccination programmes.

Solutions are hard to come by

The misinformation problem has not gone unnoticed by governments and companies such as Facebook, Google, and Twitter. YouTube⁴ is now actively

---

removing videos that promote COVID-related conspiracies. Facebook⁵ is using fact-checking organisations to flag fake news that is shared on its platform and WhatsApp⁶ has limited the number of times messages and articles can be forwarded to other people in an effort to cull the virality of misinformation. Despite these measures, it is impossible to stay ahead of the onslaught of misinformation this way, as it is incredibly easy to make something up and post it online, but much harder⁷ to debunk it. Once exposed, the damage is done.

Inoculation theory

It is therefore not enough to expect ‘fact-checking’ and ‘debunking’ (measures that combat the problem of misinformation post-hoc) to provide a sustainable solution. Instead, our research focuses on ‘pre-bunking’: staying ahead of the curve by preventing misinformation from being effective in the first place. How do we achieve this? We look for ways to build psychological resistance against misinformation, using a framework from social psychology called ‘inoculation theory’.

The idea of psychological inoculation against persuasion attempts first came about in the 1960s, when social psychologist William McGuire⁸ tried to find a ‘vaccine’ against brainwash. His analogy was both simple and powerful: a vaccine is a weakened version of a particular pathogen that, when injected, makes the body think it is infected, prompting it to produce antibodies. When the subject is then exposed to the real pathogen, the right antibodies are already in place to prevent them from becoming ill. McGuire’s idea was that you can do the same with information: by pre-emptively exposing someone to a weakened version of a particular misleading argument, they go through a thinking process to try to refute it, which is relatively easy to do since the argument isn’t particularly strong. When this person is subsequently presented with a real persuasion attempt, they already have the mental tools (or ‘mental antibodies’) in place to prevent persuasion.

---

⁸ Sociometry Vol. 24, No. 2 (June, 1961), pp. 184–97
In the context of present-day misinformation, we believed that inoculation theory could be immensely useful, but the theory required some updating and adaptation. Inoculation research has traditionally focused on building psychological resistance against misinformation about specific issues such as climate change. But what if you could use inoculation theory to build psychological resistance against the techniques that underpin most misinformation, such as conspiratorial reasoning, polarization, or the use of fake experts? If feasible, this idea could make inoculation interventions much more scalable than before, thus opening up the possibility for a ‘broad-spectrum vaccine’ against misinformation.

From debunking to pre-bunking

Much of our work has focused on developing such scalable inoculation interventions. We reasoned that the standard educational approach explaining misinformation (e.g. a mere reading exercise) would not be enough to serve as a sustainable ‘vaccine’, as people can easily forget a message that they’ve read only once.

---


We therefore decided to make inoculation fun and active in the form of a game\textsuperscript{11}. Together with the Dutch media platform DROG, we created \textit{Bad News}\textsuperscript{12}, a free, multiple-award winning online game in which players take on the role of fake news creators, and are tasked with building up a following and credibility for their own fake news outlet. The game is interactive and simulates a social media feed. Throughout the game, using a dose of humour and hyperbole, players are exposed to weakened doses of six common techniques used in the production of fake news. We then tested if playing the game improved people’s ability to recognise misinformation (including misinformation that they had never seen before).

\textbf{Robust results across cultures and languages}

Using a sample of about 10,000 people, we found\textsuperscript{13} highly robust results, not only in English but also in other cultures and languages\textsuperscript{14} that the game was translated to. Since then, the UK Foreign and Commonwealth Office (FCO) has helped translate the game into 15 languages around the world.

Of course, the solution to fake news likely requires a range of complementary measures or a multi-layered defence system for the post-truth era: inoculate or pre-bunk first, then rebut or fact-check in real-time if possible, and debunk after the fact as a measure of last resort. Although when it comes to facts, we can draw some inspiration from Han Solo: it is better to shoot first.

\textit{Jon Roozenbeek and Sander van der Linden}

\textsuperscript{11}Palgrave Communications volume 5, Article number: 65 (2019), published: 25 June 2019
\textsuperscript{12}https://www.aboutbadnews.com/
\textsuperscript{13}Journal of Cognition, 10 January 2020, https://www.journalofcognition.org/articles/10.5334/joc.91/
Designing from Memory
The New Graduate Housing at Churchill

Alumni Simon Tucker (U&G86) and Priscilla Fernandes (U04), both architects at Cottrell & Vermeulen Architecture Ltd, discuss the design process for our stunning and recently completed graduate housing. The text is organised as a combination of a commentary on the project and their recollections of College life – hence the change to italics.

In September 2019, on the day of the official opening of the new postgraduate housing, we were asked to give a talk about our new buildings for Churchill College. As graduates, this project had a personal resonance for us, and we were keen to avoid talking about architecture in the way that architects tend to talk about architecture.

Our experiences influencing our designs
Throughout the project we discussed our different experiences at Churchill. From first impressions, studying and socialising and the everyday practicalities of living in College. We discussed the role of the buildings in these experiences and how, as architecture students, the original 1960s buildings had influenced our own education.

We decided therefore, that our talk should centre around how our own experiences at Churchill had influenced our designs and how we had, in many ways, designed from memory.

The landscape was key to feeling connected to the College community. I always lived in a room that faced onto a courtyard. The terrazzo window seats projected directly into the courtyards meaning that when you sat there you still felt like you were part of the movement of the College. Rainy days in the courtyards were particularly cosy when sitting in your room, listening to the rain dripping from the walkway edges and watching students navigating the ‘dry route’ across the College was particularly memorable.

The role of the landscape
Our first thoughts focused on the role of the landscape in the life of the College. We discussed the way in which the architecture was defined by the landscape and the way it connected interior and exterior.
With our first project in 2002, ‘The Pepperpots’, our starting point was the landscape. Located on the north-west boundary, the site felt like an overlap of the suburban nature of Storey’s Way and the open campus of the College. We proposed an orchard garden into which we placed three graduate houses with a series of social garden spaces in between. The new project extends this landscape around the new and existing graduate accommodation to form a ‘campus within a campus’ for the Churchill graduate community connected by accessible and beautiful garden spaces.

Any resident of Churchill College establishes strong sentiments (negative or positive) towards Brutalist Architecture – unsettling at first through its de-saturated colour pallet of brown brick and grey concrete, I eventually grew to love the careful crafting and exaggerated forms of the concrete structures.
The character of our architecture also reflected the overlap nature of the site, bordered by both the Arts and Crafts houses of Storeys Way and the Brutalist College buildings. We combined elements from both to create something that would sit happily in its setting but would also be unique and specific to the context. **An architecture that would be both familiar and unfamiliar.** We used handmade clay tiles with Arts & Crafts forms and details and contrasted them with clean-lined pre-cast concrete and wooden windows and cladding. In the new buildings we introduced decorative tiles, copper roofing and board-marked concrete (where the imprint of the timber shuttering remains cast in the surface).

*The kitchens in the original buildings was a place where I would meet students living on my staircase. We were keen for the new project that the kitchens were large enough to socialise through dining together.*

We discussed our first days at Churchill, how we felt when we first arrived and how we made friends. We talked about how the organisation of rooms and staircases created smaller more manageable communities. We also discussed how graduate life could be quite different and the need to create a more ‘grown-up’ environment.
In the design, we subdivided the new accommodation into a series of clusters that consisted of five study rooms around a communal kitchen-dining space. The generous communal spaces provide a focus for socialising through eating, leisure time or communal working. These smaller groups are organised around two staircases which are treated as part of the communal landscape.

*I have strong memories of warm timber floors, bright white walls, the lightly warmed terrazzo window seat, dark stained timber accents. I recalled in my College room where I had stored duvet covers, clothes, books, shoes, where I would plug in my hair straighteners, music stereo, where a friend would sit if they came over, how we all rearranged our furniture on the first day of term.*

The design of the rooms themselves was the most Proustian experience of all. We had long discussions about how we had arranged and personalised our own rooms, different views from different rooms, timber floors and warm terrazzo bay window seats. We therefore wanted to recreate much of the character of the original rooms, albeit within a more insulated and energy efficient envelope.

The influence is evident in the new rooms which are generous, flexible, use robust and beautiful materials. Perhaps most recognisable is the large window and terrazzo seat with views over the new landscape.

As an architect you rely on your own experiences to design spaces for others. At Churchill, this process was intensified as our ideas drew upon our own very specific personal memories. These ideas were then developed with current Fellows and students through discussions which took place in the College itself. We also presented our scheme to our former Director of Studies, Marcial, which felt like the intervening decades had just not happened.

The conversations we shared at the opening of the new buildings in September made us realise that our work was not only important to the current and future College members but also to alumni. This reinforced the sense of how lucky and honoured we felt to have had the opportunity to work in an architectural landscape which has been hugely influential to our own career and to have contributed to the wider community of Churchill College.

Simon Tucker and Priscilla Fernandes
Never Mind the Knighthoods …
Churchillians on Desert Island Discs

Professor Mark Goldie, an Historian and a Churchill Fellow, gives us a peep into those Churchillians famous enough to have appeared on Desert Island Discs – and their musical choice.

Never mind the knighthoods and Fellowships of the Royal Society. Far more distinguished an honour is being selected to appear on BBC Radio’s Desert Island Discs. This national institution has been broadcast since 1942. The guest is invited to talk informally about their lives and achievements, interspersed with tracks from the eight records they would choose to have if washed up on a desert island. Finally, they are asked which is their favourite track of all; which book (‘besides the Bible/Quran/etc. and Shakespeare’) they would choose; and which luxury.

Five members of Churchill College have appeared on Desert Island Discs, between 1961 and 2009. Here’s their choices, and, where available, extracts from the BBC’s online blurb.

**Canon Noel Duckworth (9 October 1961) – war hero and College Chaplain**

Handel, I Know that my Redeemer Liveth  
(from Messiah)  
Weber, Invitation to the Dance  
Handel, Hallelujah Chorus (from Messiah)  
Henry Walford Davies, Solemn Melody  
E. C. Arinze and his Music, Saturday Night  
Haydn, The Heavens are Telling (from The Creation)  
Richard Olsen and his Orchestra, The Haunted Ballroom  
Brahms, Academic Festival Overture

Favourite record: I Know that my Redeemer Liveth  
Book: Thomas a Kempis, *Imitation of Christ*  
Luxury: a radio
George Steiner (19 July 1996) – critic and professor of comparative literature

‘One of the most prominent intellectuals of our time … talking to Sue Lawley about how the English academic establishment has taken decades to accept him despite his early popularity as a Cambridge lecturer, and about the problem of reconciling the love of beauty with great acts of evil. He’ll also be describing how his family left Austria for France in the 1920s and how he was one of only two boys to survive in his class in the largely Jewish lycée he attended in Paris.’

Richard Wagner, Lohengrin
Handel, But thanks be to God (from Messiah)
Bruckner, Symphony no. 7
Berlioz, Le spectre de la rose (from Les nuits d’été)
Satie, Gymnopédies, no. 1
Tippett, King Priam
Barber, Agnus Dei
Edith Piaf, Je ne regrette rien

Favourite record: refused to say – all or none
Book: 500 year ahead calendar and appointment book
Luxury: a computer

Alec Broers (6 April 2001) – nanotechnologist, Master, and Vice-Chancellor

‘Vice-Chancellor of the University of Cambridge… As a professor of electrical engineering at the forefront of research into microchip technology, Sir Alec says of his work, ‘If cars had made the same progress as electronics have in the past decade, then you would be able to drive from Cambridge to London in half a second!’”.

"
Handel, The Trumpet Shall Sound (from Messiah)
Keith Brion & New Sousa Band, Semper Fidelis March
Fauré, Agnus Dei (from Requiem)
Janis Joplin, Me and Bobby McGee
Chopin, Waltz in A flat major, Op 64/3
Keith Jarrett, Solo Concert at Bremen, 1973
Joseph Canteloube, L’aïo de rotso (from Songs of the Auvergne)
Beethoven, Mir ist so wunderbar (from Fidelio)

Favourite record: Beethoven
Book: Tolstoy, War and Peace
Luxury: Chocolate, lots of it

Christopher Frayling (7 November 2003) – historian of art and cinema

‘Rector of the Royal College of Art and champion of popular culture [...] an accomplished broadcaster known for his work on Radio 4... He’s published 13 books to date with an eclectic range of titles from spaghetti westerns to The Face of Tutankhamun and Clint Eastwood – a critical biography. ...Sir Christopher is also the longest serving Trustee of the Victoria and Albert Museum.’

Ian Dury, Reasons to be Cheerful Part 3
Royal Scots Grey Band, Gypsy Love Selection
Audrey Hepburn, Moon River
Kurt Weill, Ballad of Mack the Knife (from The Threepenny Opera)
Jean-Jacques Rousseau, J’ai perdu tout mon Bonheur
Howard Davidson, Title music from The Face of Tutankhamun
Ennio Morricone, Il Triello
Gabriel Fauré, Cantique de Jean Racine

Favourite record: Il Triello by Ennio Morricone
Book: Cervantes, Don Quixote
Luxury: The V&A Museum
Athene Donald (27 March 2009) – physicist, Master

‘A Cambridge professor and Fellow of the Royal Society, she has dedicated much of her life to studying everyday objects like plastic, food or plants. At her daughter’s eleventh birthday party, she couldn’t resist describing the structure of melting ice-cream. By her own admission she is a workaholic – but she also champions the cause of women who want to become scientists and have families too.’

Blue Skies, Shades
Beethoven, Piano Sonata No 8, Pathétique
Mozart, Dies Irae (from Requiem)
Hindemith, Symphonic Metamorphoses
Haydn, String Quartet in D major; The Lark
Granados, Oriental March (from Piezas sobre cantos populares espanoles)
Schubert, String Quartet No. 14, Death and the Maiden
Vaughan Williams, Dirge for Two Veterans (from Dona Nobis Pacem)

Favourite record: Mozart, Dies Irae
Book: Dorothy Dunnett, The Lymond Novels
Luxury: A bath

Mark Goldie
An Exceptional Period in my Life
Recollections of a 1972 UG

David Banks (U72) reminisces about his time at Churchill College as part of the 1972 intake, the year the first women students were admitted to Churchill – the first Cambridge College to do so. He also tells us why after a year teaching in Iraq following graduation he went to teach in France where he has worked and lived ever since.

Vol. 55 of the Churchill Review carried a number of short pieces by former female students who were part of the 1972 intake, the first to admit women students. I was struck by these pieces since I too (albeit male) was part of that 1972 intake, and indeed I recognise two of the authors of those pieces. I was rather unusual in my own way since I was a mature student on the verge of my 29th birthday when I arrived in the autumn of 1972. As a mature student, my grant was only a little less than the salary I had had at my last job, in the Civil Service, from which I had taken leave of absence without pay, to come to university.

Mixed-sex environment at Churchill

I had been educated (for 10 years) in a catholic seminary, and so had long experience of an all-male environment, and the mixed-sex environment of Churchill seemed to me only natural. I can’t even remember any discussion of the question, though I think the general feeling was one of being at the forefront of change. However, it is not impossible that female members felt the difference more keenly. I can remember one occasion in the College Buttery when I offered to buy a pint for a female fellow-student. Her reaction was to suggest that as an independent female she couldn’t accept such an offer. However, when I pointed out that if she offered to buy me a pint the next time we met, I wouldn’t refuse, she accepted. Rumour had it that when the College was discussing the question of the admittance of women, objectors claimed that it would entail extensive and expensive alterations to accommodation. When asked what sort of alterations would be necessary, there was a long silence before someone came up with: ‘We’ll have to install long mirrors’!

Student life was highly politicised in the early 70s, and the year 1972–3 was
marked by a rent strike. The object of the rent strike was to get the College to withdraw its South African investments as a protest against apartheid. I became treasurer of the rent-strike movement, and subsequently was elected JCR President.

At Cambridge, I studied Philosophy, and I was well aware that my weekly private tutorials with my director of studies, Edward Craig, were a privilege that few enjoyed. At the end of my first year I married my French wife, Christiane, and for the next two years we lived in one of the Wolfson Flats. I remember some considered me a little odd, since I was a member of both the Gods and the Rowing Club, not usually considered a compatible mix! I was a beginner at the Rowing Club, but it is an activity that has stayed with me, as I still row (at the age of 75).

**Teaching in France**

When I graduated in 1975, jobs were difficult to find, and the only place that offered me a job was the University of Mosul in Iraq. Since the alternative was going back to my old job in the Civil Service, I obviously chose Mosul! We returned to Europe after a year, but since there were still no jobs in Britain we ended up in France, where we have been ever since. In 1981, I was offered a post at the Université de Bretagne Occidentale, at Brest, where I taught English Linguistics. I obtained a doctorate from the Université de Nantes in 1983, and an HDR from the Université de Bordeaux 2 in 1999. I ultimately became Professor at Brest, and taught until 2011, when at the age of 68, I retired. However, as Emeritus Professor, I continue my research work, and publish papers, attend conferences and so on.

During most of this period my visits to England were to see my gradually aging parents in the North East. This involved getting the ferry to Plymouth, and driving from there to Tyneside. Cambridge is not on that route, with the result that after graduating in 1975, the first time I got back to Cambridge for a nostalgic visit was in 2016! I look back on my three years at Churchill as an exceptional period in my life. I shall be forever grateful for a political and economic situation which made this possible, and without which my life would have been completely different.

David Banks
Churchill – The Place to Be
My Life at Churchill

In this piece Sangjin Lee (G13) very honestly and bravely describes his hard times at Cambridge during his MPhil in Computational Biology, which led to depression and a sense of worthlessness. But he survived this tough year helped along the way by the care and kindness of everyone at Churchill College. Today Sangjin is a PhD student at the Wellcome Sanger Institute.

Despite the months of depression, alcoholism and insomnia during the MPhil in Computational Biology, Churchill College has a special place in my heart. When I was accepted to Cambridge University and Churchill College in 2013, I could not believe my own good fortune. I never imagined in a million years that I will be breathing the same air and walking the same grounds as Charles Darwin, Francis Crick and Frederick Sanger. It was electric.

My excitement, however, dissipated quickly. The pace and the intensity of the Master’s course overwhelmed me. I struggled to finish assignments on time, despite spending my every waking hour with the assignments. In contrast, I saw other students who not only managed to finish the assignments early, but who also pursued other interests in Cambridge. I was never the brightest student, but I was never the dumbest student in high school and in university. In Cambridge, however, I was an absolute disappointment. This realisation crushed me and with this realisation, eerie melancholy within me developed into a clinical depression. I have never been good with memory, but I can still distinctly remember the horror and the trepidation I felt, when I was convinced that my life had zero value and that the best move forward was to end my life. Until the next morning, I actively pondered how I should commit suicide. I asked myself, ‘Should I get hit by a truck? Should I cut my wrist with a knife? Should I hang myself? Should I poison myself with carbon monoxide?’ If I had an ounce energy left in my body on that day, I would not be writing this article today.

I was only able to survive and finish the Master’s degree because of the warmth and kindness from the staff, tutors and porters at Churchill College and I feel nothing but appreciation and gratefulness for all the
individuals that helped me during the depression. Rebecca Sawalmeh, the graduate student administrator, was the first person I met in the afternoon. When she saw me, she asked ‘Are you alright? Do you need any help?’ I answered ‘Can you help me with euthanasia?’ I can still remember the terrible shock on her face. She immediately took me to the Buttery, bought me a hot cup of Earl grey tea, and quickly arranged me to see Anny King, my graduate tutor, and Veronica Mcdouall, the Churchill College counsellor. With Veronica, I was able to explore many issues from past to the present that I was ignoring and that I wasn’t even aware of. I do not remember the details of our sessions, but I know now that these sessions untangled many of the subconscious knots that have been holding me back. Anny, most importantly, provided me with a sanctuary where I could relax at least once a week. I felt safe in her presence and each week, she imbued me with confidence to take another step and to finish the degree. Without the generous support from Churchill College, I would never have safely returned to South Korea.

Retrospectively, I am grateful to my depression because it gave me an opportunity to meet people that I would never have met and it also gave me the chance to solidify many relationships that I cherish to this day. I think I also finally understand what Friedrich Nietzsche meant by ‘to live is to suffer, to survive is to find some meaning in the suffering’, ‘he who has a why to live can bear almost any how’ and ‘that which does not kill us, makes us stronger.’ By accepting the central premise that life is suffering, I have started to count and appreciate every small blessing and I now have a purpose that justifies my existence. If depression knocks on my door again in the process, I will be able to welcome and embrace him this time.

Currently, I am back in Cambridge University. I am no longer the young man that I was in Churchill College and I feel prepared to tackle any insurmountable challenges. I am also in the incredibly fortunate position as a PhD student to understand the mutational and aging processes of different organisms in the Darwin Tree of Life Project with Dr Peter Campbell and Dr Richard Durbin, and to hunt the developmental origins of pediatric tumours with Dr Sam Behjati at the Wellcome Sanger Institute. I would like to attribute all my big and small successes to Churchill College.

Sangjin Lee
‘What you do makes a difference, and you have to decide what kind of difference you want to make.’

Jane Goodall
Friendship, Fellowship and Seaweed-Eating Sheep
Churchill College Association Chair’s Report (2019–2020)

Andrew Stephenson (G89), the Chair of the Churchill College Association, reflects on a successful year and ponders the future.

The Association has existed from the College’s early days and exists to promote good fellowship among resident and non-resident Members and to encourage non-resident Members to maintain links with the College and with each other. All College Members are automatically members of the Association from the day they arrive in College and there is no membership fee.

The Association Weekend 2019

The Association’s main event coincides each year with the University’s Alumni Festival in late September. In many ways it has been one of our most successful. Despite the lack of a major anniversary or the draw of a daring theme, attendance was high and there was a palpable sense of camaraderie, community and friendship. On Friday, architects of our new Graduate Housing (and the older ‘Pepperpots’), Simon Tucker (U&G86) and Priscilla Fernandes (U04), discussed ‘Designing from Memory’, followed by High Table for some and for others an extremely enjoyable and over-subscribed wine-tasting supper in the Fellows’ Dining Room hosted by Professor Christopher Tout (Fellows’ Steward). On Saturday, Professor Bjarne Stroustrup (G75), past Overseas Fellow, Honorary Fellow and creator of C++, gave a fascinating personal insight into the creation and development of one of the world’s most widely used programming languages along with reflection on his time at Churchill. In the evening, after one of our best attended Association Dinners, the delightful Sir Christopher Frayling (U&G 65, current Fellow) regaled us with stories of Hollywood stars and spaghetti western directors.
Robert Burns’ poetic observation in 1785 captures the essence of a year that had such promise. The 60th Anniversary of the founding of the College along with other notable anniversaries such as the University Challenge victory fifty years ago and thirty years since the Ladies first boat was Head of the River were beckoning. The year started well with a flurry of well attended events in London and intense planning and preparation was well underway for reunion dinners, a donor garden party and a major fund-raising dinner in December, along with the hugely popular regular Association activities culminating in the wine tasting evening and annual dinner with guest speaker.

Unfortunately, 2020 will now be remembered for a global pandemic, the likes of which has not been seen for a hundred years. Easter term lectures were cancelled or moved online, students were sent home and summer schools and conferences have been abandoned. The impact on the economy will be severe and long lasting and the College will suffer a substantial loss of income. Indeed, our sixtieth birthday is unlikely to be acknowledged with a great celebration despite its special significance. At sixty, according to the Chinese zodiac, a person has returned to the calendar sign under which they were born and begins a new cycle. Your birth sign is one of twelve animals (rat, ox, tiger, rabbit, dragon, snake, horse, sheep, monkey, rooster, dog and pig) reflected in one of the five natural elements of wood, fire, earth, metal and water. 1960 and 2020 are years of the Metal Rat. In Japan, Kanreki (Kan ‘return’ and reki ‘calendar) is the first celebration of longevity but it is equally considered a time of rebirth. Perhaps, out of the chaos of our current circumstances, there will emerge a renewed sense of appreciation of the benefits of community and the collegiate social structure.

Seaweed-Eating Sheep

North Ronaldsay is the most northerly of the Orkney Islands and is more or less level with Stockholm, or the northern tip of Newfoundland. The island is famous for its ancient breed of sheep that exist on a diet consisting almost solely of seaweed (one of two land animal that does so, the other a Galapagos marine iguana) and an almost two-hundred-year-old drystone dyke encircling the island. So, what could old sheep and a tiny island possibly have to do with friendship and fellowship? Well, funnily enough, they are a perfect example of the power of a network of alumni connections. My eldest daughter is a veterinary medicine student at Cambridge and will have spent July 2020 in
North Ronaldsay. Of the less than sixty residents of the island, it turns out that one of them was in my graduating class of about seventy students from a small high school in Western Canada. I know this only because last summer, for the first time in thirty-five years, she attended our high school reunion dinner. So, consider the possibilities of the shared connection, no matter how improbable, that you might discover at your next Association weekend or alumni event. It may surprise you…

**Forthcoming events and notices**

In addition to the anniversaries that have been deferred and may be celebrated when possible, we look forward to celebrating the admission of the first female students, the founding of the boat club, the institution of the Pleasure Machine/Pavilion and the opening of the Møller and Archive Centres over the next few years. Details of events will be available online as arrangements are confirmed.

**Keep in touch** with the new Alumni platform designed to facilitate our social networking – [https://www.churchillconnect.com](https://www.churchillconnect.com)

**Keep up to date** with Association Committee events and your Member benefits at [https://www.chu.cam.ac.uk/alumni/association/](https://www.chu.cam.ac.uk/alumni/association/)

Andrew Stephenson
Il Faut Cultiver Notre Jardin
Candide and the Coronavirus Pandemic

Mike Laycock is a retired academic associated with Churchill College via Paula Laycock, College Records Officer – previously College Registrar (1991–2014). He gives here his own interpretation of Voltaire’s famous conclusion to Candide.

It is 2020 and not for the first time in my life, Voltaire’s satirical, picaresque novel, Candide has, in these pandemic days, surfaced in my corpus like some rather more benign virus, causing a persistent chuckle. I should wash my hands of it, but once again the allegorical possibilities have seized hold.

First, there have been many occasions when the characters in Candide have resonated with contemporary figures. For example, Pangloss, the personification of the Leibnitzian optimism that Voltaire is so keen to attack, exhibits risible logical fallacies (in reference to the Lisbon earthquake or his own syphilis, for example) that are worthy of our contemporary political leaders. Need I elaborate further, since one possible translation of his name is ‘all tongue’ – one who talks (tweets?) incessantly without thinking. What better reason for ‘doubling down’ could there be in the intransigent illogicality of ‘I have always abided by my first opinion…. for after all I am a philosopher; and it would not become me to retract my sentiments’?

However, the more obvious choice for a characterisation of our present circumstances is the exhortation ‘il faut cultiver notre jardin’ – literally. Though the idea of Candide cultivating ‘his garden’ has been subject to use and misuse, interpretation and misinterpretation, there is no arguing with the fact that the COVID pandemic has severely tarnished the ‘best of all possible worlds’ and has led to enforced lockdowns and, for those lucky enough to have a garden, a horticultural withdrawal from the world simply engaging in the necessity (and joy) of feeding oneself or fighting boredom. Voltaire, himself, a keen gardener at Les Délices and Ferney, often wrote that gardening was a very effective way of keeping busy.

But is cultivating one’s garden, for Voltaire, a passive and, more particularly, pessimistic stance given the state of his world – and ours? Or, as some have suggested, was cultivating one’s garden a recommendation to his colleagues
to ‘leave’ society to contribute to the Encyclopédie, seen as representative of the Enlightenment? At a time like this, there would be much merit in reflections on the political, economic and environmental issues thrown into sharp relief as a consequence of this viral pandemic, and whose edges we are only now touching. Is tending one’s garden an exhortation to engage in a more active, melioristic approach to addressing present concerns?

As usual, my heart is with the latter, though, this time, tempered by a caution not to interfere aggressively with the natural world and to afford it much more respect than hitherto. But environmental respect must also accompany other human virtues, which, post-pandemic, might guide us, like Voltaire and the French Enlightenment, in our continuing fight for increased tolerance, freedom, truth and social justice.

I am not the only one who would like to see these go viral.

Mike Laycock
A Tale in the Times of COVID

Alice Toby-Brant has been a member of the Churchill Writing Group for the last three years. Here she gives us a touching insight into the life of two neighbours who started to communicate and develop friendship during lockdown.

We didn’t talk much before it happened, my neighbour and I. Not with any malice on either side I believe, we just went about our own business, he doing what he does me what I did. Then Corona Virus hit and we were ordered inside our houses. We were the lucky ones that had an outdoor space and the garden became our only solace. As I paced mine and he paced his, there came a point when our ventures into the outside world synced up.

I first caught sight of him when I took a turn around my small patch, morning coffee in hand, the warmth of the cup soothing as much as the uncharacteristic heat those early April days brought. Mother Nature doubling down on her punishment of the human race. Stay in and watch the blissful spring weather you COULD have experienced had you not forced my hand, she seemed to say.

He was older, classed as ‘vulnerable’ like any of us weren’t in some way or other! I watched as he retrieved potatoes from his garden or pottered around relieving the soil of the weeds that had taken up residence. While I had Zoom conversations with friends and quiz nights or comedy events to attend online, he looked only to have his garden and dog for company.

At first, I felt obliged, others were talking about all the people they were helping with shopping and socially distant visits. But slowly a real friendship started. What began with a smile and a tentative ‘doing ok?’ quickly blossomed into a more genuine ‘how’s today going?’ I’d keep an eye out for the bags of frozen raspberries he mentioned he loved and to his chagrin had not been able to grow himself. A job that was easy for me as having been laid off before COVID hit, I’d taken a position at the local supermarket to tide me over. Little did I know a few weeks later I’d be classed as a ‘key worker’ not that my salary reflected the same.

I spent time and effort cheering him up and helping him out, but on that day, I didn’t have the energy. Tired from an 11-hour shift, fed up with watching
people either absent mindedly or deliberately going the wrong way around the one-way aisles, and heavy hearted after hearing a friend wasn’t responding well to treatment for COVID. Annoyed and upset by seeing groups of people jostling and socialising and blatantly not from the same households. I had no strength to partake in our usual tête-à-tête in the dappled evening sunlight.

Today was one of those when the unknown and unprecedented situation we were in gripped my heart as a child grasps a tiny mouse too harshly, not computing the grip is a death sentence. Despondent and crushed by the sheer number of either stupid, ignorant or defiant people venturing out ignoring the fact that a second wave could well be on the horizon. I pondered the possibility of genuinely handling a life of complete solitude.

His hat and eyes peered over the fence; he didn’t speak for a moment then asked ‘bad day’?

‘I’ve had better’, I responded turning away, hoping my body language would convey my desire to be left alone. It either didn’t or it was ignored because he continued ‘yeah wasn’t too great for me either’. Then a pause…

‘Tested positive today’.

I looked up, his face now fully visible, shoulders and arms leaning on the fence that separated our patches of land. He raised his palms in a ‘what ya gonna do?’ gesture and while his body was firm and strong, something in his expression reminded me of the state of my own heart, scared and in need of comfort.

And I realised I did know how to help. His generation was one that needed to be a fixer not the one in need of fixing. I knew if I conveyed my thoughts to him, I would be able to take his mind off of his own problems. So, I confided my worries, advised my concerns for our future and watched as hearing my fears alleviated his own. I saw the panic at his predicament melt away as he listened, really listened. I even think I caught the spark of light that flecked his blue green eyes as he came up with the perfect response.

‘The thing of it is, what comes next is going to kick the arse of what’s here now and we need to be ready’, he said. Oddly hearing of a different possible
nightmare had a strange way of galvanizing me, I still don’t know how he knew it would.

‘Is it going to be bad’, I wondered.

‘Maybe,’ he said, ‘but there will be helpers. I read somewhere,’ he continued, ‘that when tragedy strikes always look for the helpers.’

I thought for a moment, then spoke my strongest fear.

‘What if I look and there are none?’

‘Ah,’ he responded, a spark of activism in his eye ‘that means it’s your turn, you’re up and you get to decide the most important thing in the world.’

‘Which is?’ I questioned.

‘What part you want to play’, he grinned.

So, we stood, together yet apart and waited. Waited for the next thing that was coming, waited to see who we were and how we would respond.

Alice Toby-Brant
MEMBERS’ NEWS
Congratulations to Dr Francesco Aprile, Senior Research Fellow of the Alzheimer’s Society in the Department of Chemistry, for being awarded a UKRI Future Leaders Fellowship to be held at Imperial College.

Congratulations to Professor James Bennett (Past Fellow, 1984 and former Senior Tutor) for being awarded the Sarton Medal, the History of Science Society’s highest award.

Congratulations to Dr Maria Bruna (Mathematician) for being awarded a Whitehead Prize in recognition of her outstanding research in asymptotic homogenisation, most prominently in the systematic development of continuum models of interacting particles systems, by the London Mathematical Society.

Congratulations to Professor Marie-Pierre Gaigeot (French Government Fellow, 2008–9) for being nominated a Fellow of the Royal Society of Chemistry.

Congratulations to Professor Mark Goldie, Emeritus Professor in the Faculty of History, for being appointed to an Honorary Professorship at the School of History at the University of Sussex.

Congratulations to Dr Priya Gopal for being promoted to a full professorial chair.

Congratulations to Bhanu Kapil (Poet and By-Fellow) who has been awarded a 2020 Cholmondeley Award by the UK Society of Authors. These awards are given to poets for their general body of work and contribution to poetry. The judges called her ‘one of the most original and important poets of her generation’.

Congratulations to Dr Sander van der Linden for being promoted to a readership.

Congratulations to Alison Light (U73) whose last book, *A Radical Romance* (Penguin) has just won the PEN Ackerley prize for 2020 – the only prize for autobiography/memoir in the UK.

Congratulations to Osarenkhoe Ogbeide (G18) who launched New Africa Comics, a start-up comicbook company and the home of great stories inspired by African mythology, culture and people.

Congratulations to Dr Alice Reid for being promoted to a readership.

Congratulations to Professor Henning Sirringhaus (Physicist) for being awarded a Royal Society Research Professorship.

Congratulations to Professor Tim Vorley (former Fellow) who was appointed Pro-Vice-Chancellor and Dean at Oxford Brookes Business School from 1 June 2020.

Congratulations to Dr Leor Zmigrod for being listed on Forbes 30 under 30 in the Europe Science & Healthcare category and being awarded the ESCAN 2020 Young Investigator Award by the European Society for Cognitive and Affective Neuroscience.

Other news

An article titled ‘A Victory Declared’ on Winston Churchill and his VE Day speech, featuring Fellow and Director of the Archives Centre Allen Packwood, was published in the Daily Mirror.

Fellow and Director of Studies in Management Studies, Professor Daniel Ralph, is a co-editor of the new book *Beyond Bad Apples*, which focuses on the role of organisations in managing their risk culture, challenging the idea that risk stems from chance circumstances or rogue behaviour.

Professor Benedikt Löwe (Mathematician) was elected to serve on the Board of the Association for Logic, Language and Information (FoLLI). FoLLI is
the global learned society advancing research and education on the interfaces between Logic, Linguistics, Computer Science, Cognitive Science, and related disciplines.

**Alumnus Charlie Wartnaby** (U88) is doing part-time software development for Project RED, who are developing a low-cost ventilator to provide life support for anyone who needs it.

**Alumna Lizzie Elgar** (U16), along with her brother James, has co-founded an app intent on changing the world. ‘now-u’ aims to educate, inspire and empower people to tackle the most pressing problems today. Their first campaigns are focused on issues exacerbated by the pandemic: domestic abuse in the UK, refugee welfare and resettlement in Europe and water, sanitation and hygiene in low- and middle-income countries.

**Five Churchillians** were entered in the **2020 edition of Who’s Who**.

- **Professor Harri Englund**, FBA, Fellow, Professor of Social Anthropology.
- **Professor Rebecca Herissone**, FBA (U89), Professor of Musicology, Manchester.
- **Dr Louise Leong**, FRSB (Teaching By-Fellow 1996–8), Director, Partnerships and Industry, MRC.
- **Dr Catherine Martin**, FRS (U77), MBE, Project Leader, John Innes Centre.
- **James Turner** (U96), Chief Executive, Sutton Trust, since 2019.
Congratulations to Professor Dame Athene Donald, for winning the Times Higher Education Life Achievement Award on 12th December 2019 for her ‘indefatigable and pioneering’ efforts to push gender equality to the top of the science policy agenda.

Speaking of the award, Dame Athene said, ‘I was delighted to be honoured by this Lifetime Achievement Award – daunting though that sounds – for my work championing gender issues.’

Congratulations to Dr Sarah Teichmann (Molecular Biologist) who was elected a Fellow of the Royal Society in April 2020 for her outstanding contribution to scientific understanding, through computational biology and genomics. This includes her role as co-founder and co-leader of the international Human Cell Atlas consortium initiative to map every cell type in the human body.

On receiving the prize, Dr Sarah Teichmann said, ‘I am delighted and humbled to be elected to the Fellowship of the Royal Society. This great honour is a testimony to the dedicated work, skills and creativity of my team, colleagues and collaborators, both here at the Sanger Institute and elsewhere, who have contributed to our exciting technological and biological discoveries.’

Congratulations to Dr Jon Roozenbeek and Dr Sander van der Linden who (as part of a team) were awarded the Brouwer Prize from the Royal Holland Society of Sciences for the online game Bad News. The game is based on the theory of psychological ‘inoculation’. Much like a real vaccine confers immunity against a pathogen after people are exposed to a severely weakened dose of the ‘virus’, the same can be achieved with information. Bad News is an award-winning social impact game. Bad News was tested by 15,000 people. Thus far, the game has been played by about a million people around the world and translated in 15 languages in collaboration with the UK Foreign Office.
In the Dutch press release on the website of the Dutch Royal Society\(^1\) Marlies Veldhuijzen van Zanten-Hyllner, chair of the jury remarks that, ‘The Jury is impressed with the scientific research underpinning the project.’

---

**Congratulations to Professor Dame Janet Thornton** who has been awarded the 2021 Biochemical Society Award. Janet is a Senior Research Scientist at the European Molecular Biology Laboratory – European Bioinformatics Institute on the Wellcome Trust Genome Campus at Cambridge, UK. Janet’s research is focused on proteins, especially their structure, function and evolution. She is a computational biologist, working at the interface of biology with physics, chemistry, and computing.

On winning the Biochemical Society Award, Janet said, ‘I am delighted to be chosen for this Biochemical Society Award for computational methods leading to advancing the understanding of biomolecular sciences. This is a real honour for me – and for all the people with whom I have worked.’

---

**Congratulations to Bhanu Kapil**, Churchill current artist By-Fellow, who has won the 2020 Windham Campbell literary prize – one of the richest literary awards – splits $1.32m between eight writers around the world. Kapil, the author of six poetry collections, was praised for her exploration of ‘crucial questions of trauma, healing and immigration’. In receiving an email informing her that she had been awarded $165,000 (£141,000), Kapil recalls, ‘It felt as if my cry for help had been received’.

**Her book, *How To Wash A Heart*** has been selected as the Poetry Book Society Choice for the summer. It received a positive review in The Guardian, where the book is said to respond ‘with brilliant acuity to the prolonged stress of the immigrant experience’.

---

\(^1\) [https://www.khmw.nl/brouwer-vertrouwensprijs-2020-online-game-tegen-fake-news-wint-100-000-euro-voor-verdere-ontwikkeling/](https://www.khmw.nl/brouwer-vertrouwensprijs-2020-online-game-tegen-fake-news-wint-100-000-euro-voor-verdere-ontwikkeling/)
Congratulations to Professor Manish Chhowalla (Materials Scientist) who has won the Griffith Medal & Prize at the Institute of Materials, Minerals and Mining 2020 Awards. The Institute of Materials, Minerals and Mining mentions that Manish ‘has made a major contribution to our understanding of 2D materials and devices. He is acknowledged as a world leader in the fields of diamond-like carbons, chemically exfoliated graphene oxide and monolayered transition metal dichalcogenides, having made seminal contributions towards understanding their atomic and electronic structures as well as discovering novel phenomena by phase engineering.’

Congratulations to Professor Ghil’ad Zuckermann for his latest publication Revivalistics: From the Genesis of Israeli to Language Reclamation in Australia and Beyond which introduces revivalistics, a trans-disciplinary field of enquiry surrounding language reclamation, revitalisation and reinvigoration.

Professor Peter Burke, University of Cambridge, remarks: ‘…Revivalistics is a brilliant study, challenging the conventional wisdom in its field, making good use of comparative material, sparkling with perceptive one-liners and making an eloquent argument for the revival of endangered languages.’

J.M.Coetzee, Nobel Laureate, 2003 adds that Zuckermann, ‘uses the story of the successful revival of Hebrew to propose how near-extinct Aboriginal languages of Australia can be brought back to life with immeasurably benefit to their traditional owners.’
Introducing …

Elizabeth DeMarrais, Senior Postgraduate Tutor

I was appointed in October 2019 as Churchill’s Senior Postgraduate Tutor. I have been a Fellow of the College since January 2000. I arrived in Cambridge in 1998 and have taught in the Archaeology Department for 22 years.

I am deeply committed to widening participation, safeguarding, and inclusion in education, and that is why I am the chair of the Athena SWAN Committee in Archaeology. I served for 15 years as an undergraduate Tutor in Churchill, where I continue to direct studies in Archaeology. Over the years, I have supervised hundreds of students across all levels of University study.

My research focused for many years on the long-term settlement of the Calchaqui Valley in the mountains of northwest Argentina, where I lived for a year as a Fulbright Scholar (in 1993) while conducting fieldwork. I regularly take teams of students overseas for fieldwork. I am particularly interested in social theory and understanding the role of material culture (‘things’) in shaping social relations.

In my new role, I head a team of four Tutors, ably supported by Rebecca Sawalmeh, the postgraduate administrator. My plans are to strengthen the College’s already excellent provision for postgraduates by working to expand the Postgraduate Office’s recruitment, funding, and pastoral support of our students. In the face of the public health crisis now unfolding, the challenges of continuing to attract and support an international postgraduate body will be even more important in the coming years.

I am a keen musician and have sung in choirs for many years, including Churchill’s music society events. I also love hiking, photography, and art.
Lauren Thomas, Communications Manager

I started working at Churchill College as the Communications Manager in July 2019, but my relationship with Churchill started back in 2005, when I met my husband and Churchill alumnus Ian Thomas (U97). We actually considered Churchill for our wedding venue but I decided against it as I felt like I didn’t have a personal enough connection to the College.

Things might be different now! But we have attended many events here together, including reunion dinners, garden parties, and a memorable talk by Rick Warden (U91).

Back in 2013, I joined the Churchill Writers Group, led by Churchill alumna Rosemary Johnston. I was able to join as I was married to a Churchillian, but I’m glad that if I wanted to join today, I’d be able to do so on my own merit! After seven years(!!) my novel has failed to materialise, but with the support of Rosie and the group I have won a few local short story competitions and continue to work on something longer.

As you can see from my history, when the role of Communications Manager came up at Churchill I simply had to apply – the College has been a big part of my life for some time. Prior to this position, I worked in the same role at St Catharine’s College, and before that I was Sports Marketing Coordinator at the University Sports Service, helping to launch the University Sports Centre. This role really cemented my love of sport, and led to my joining Ely Runners, launching my fitness blog and qualifying as a running coach, all of which I continue to do in my spare time. Alongside working on that novel of course.

Stephen Hanley-Doyle, IT Director

Being of a generation that saw the birth of the home computer, I am old enough to remember witnessing first-hand the birth of the digital age, an age which had me completely hooked from day one. My curiosity of computing quickly became a hobby, which in turn became a passion, starting with learning how to code in the most basic of programming languages, ‘Basic’. Although, if I am to be completely honest, an ulterior motive for learning how to code would
have to have been (and please don’t judge me too harshly) how to tinker and hack into my computer games to alter their code to give me and my friends unlimited lives, or other such shenanigans. All completely harmless but such incredible fun to a fledgling computer geek. Although computing wasn’t and isn’t my only hobby. Being an avid astronomer, albeit on a very amateur basis, I can often be found out on a clear evening perusing my other passion of stargazing.

After completing a Master’s in Computing Science at Newcastle University, I chose to focus my career in the education sector, working primarily in the Preparatory and Independent sectors. Working within this community was incredibly rewarding being able to effect positive change in all aspects of the digital landscape within the educational setting.

Having managed teams for over two decades, I am no stranger to watching this digital environment change. Indeed, being responsible for numerous IT projects, it has always been my goal to create and equip spaces which would not only be up to date and purposeful, but would also encourage learners to connect and innovate in surroundings that would stimulate their creativity.

It goes without saying that I am thrilled to be a part of the team here at Churchill College and I am thoroughly looking forward to helping shape the direction of our digital landscape.

Tom Boden, Head of Estates

I grew up in very rural Kent and Shropshire but became passionate about architectural history. I’ve always loved the fantasy of Bodium Castle but it was the post-apocalyptic brutality of Dungeness (think Denge Sound Mirrors and the Power Station) and the sinister secrets of the Orford Ness pagodas that led me to my specialism in 20th-century buildings.

I completed a Building Surveying undergraduate degree at the University of Reading and started my career in building consultancy with an international property company working across Europe. I qualified as a chartered Member of the Royal Institution of Chartered Surveyors (MRICS) and whilst much of the work concerned conventional or new buildings, I was lucky enough to work on The Royal Exchange and The Shard.
I later joined the Royal Household and worked across the occupied royal palaces, mostly within Buckingham Palace and Windsor Castle. It was a real honour to have had even a very small part in the stewardship of these landmarks, but it is truly a pleasure to come to Churchill and look after British modernism at its best.

I hold a voluntary governance role with the National Trust on their East of England Regional Advisory Board and spend a good proportion of my time exploring the Trust’s estates across the East of England and further afield. I am a member of the 20th Century Society but also the Society Protection of Ancient Buildings, just to be safe!

I am a regular runner and a new squash player so let me know if you fancy a match.

Richard Leather, Managing Director of the Møller Institute

I am very much looking forward to joining the team at the Møller Institute in early September.

Over the past 25 years I have held a range of positions in Europe, the United States and Australia working at the intersection of government policy, corporate finance and industry – where I have facilitated engagement and collaboration across international trade, investment, innovation and commercial research and development.

Recent posts include seven years as a senior diplomat for the Australian Government – first as the chief trade and investment representative to the USA and Canada, based in New York and more recently as Consul General in Frankfurt where I was also chief trade and investment representative for Europe.

Before this, I had a long career in business and funds management where I was an executive director and member of the Board of Directors for a major merchant banking and investment group based in Sydney, Australia.

I will be relocating to Cambridge from Copenhagen, Denmark where I live with my wife, our two sons and an irrepressible 15-month-old Golden Retriever.
Richard Hill, Client Director

Joining the Møller Institute as part of the Education team is fulfilling an ambition to support leaders create the best society they can. Over the last 15 years I have worked to support leaders and organisations harness purpose, shared values and an ambition to create positive impact, and I am pleased to bring this experience to strengthen the Møller Institute’s activities.

Having worked within the Institute for Continuing Education and Cambridge Judge Business School I have now joined the Møller Institute as Client Director, having already been directing programmes as an Associate for the last couple of years.

My core interests are around leadership practices which create shared value and benefit for those who are impacted by that leadership. I see the role of leader as being an enabler for the ambitions and success of those around them, requiring a diverse range of skills and behaviours to do it successfully.

At the Judge Business School I worked to deliver Executive Education programmes, and set up the Centre for Compliance and Trust, working to shift mindsets and approaches in the financial services sector. In 2016 I co-founded an NGO based in Central America working to reduce inequality and social challenges, living in Belize for several years to build and create a platform for change. Working with a range of organisations from global corporates to international NGOs to public sector bodies has been very rewarding, and I look forward to bringing my experiences into the Møller Institute to strengthen its work and support the broad activities of Churchill College.

Outside work I particularly enjoy photography, travel and music. However, with a young family, focus on these is changing rapidly, the music played around the house has become noticeably different!
New Fellows 2019–2020

Dr Hannah Bower
Title B (Junior) Research Fellow

Hannah Bower is a Junior Research Fellow in English and she specialises in medieval literature. Her research focuses on the boundaries, overlaps and exchanges between literary writing and other, apparently practical or scientific texts. Her DPhil, funded by the Wellcome Trust and completed at the University of Oxford, explored the linguistic and imaginative connections between medieval medical recipes and more canonical literary writings. She also completed a six-month secondment fellowship at the London Science Museum which explored the editorial history and reader reception of eighteenth-century medical pamphlets. Her current research continues this interdisciplinary approach by investigating the representation of mechanical marvels in all kinds of medieval writing and by exploring the role of impossibilia in creative, scientific, philosophical and practical thought.

Dr Anna-Maria Kypraiou
Title A (Official) Fellow

Anna-Maria Kypraiou is currently a Fellow and Lecturer in Engineering. She has been teaching undergraduates and masters engineering students. She began her engineering career by studying Chemical Engineering at the National Technical University of Athens in Greece. She then completed the MPhil in Energy Technologies at the Department of Engineering at the University of Cambridge where she then pursued a PhD in Engineering. Her PhD research was an industrial project with Rolls Royce, specialising in thermoacoustic instabilities within gas turbine engines. Since her PhD, she has transferred the technology and her technical expertise from the Aerospace to the Maritime Industry. Most recently, she worked on system energy optimisation and development of methods for fuel consumption reduction on very large crude carriers (VLCC).
She introduced a novel type of modelling, referred to as Machine learning Enhanced Physical Process Algorithm (MEPA) useful in the understanding, optimisation and predictive maintenance of industrial systems. This modelling is important for the reduction of greenhouse gas emissions from the aerospace and maritime power systems. Her recent research activities focus on applying machine learning to identify operating modes within engines.

During her engineering career she has received various prizes, including the McKinsey Next Generation Women Leaders Award (2017), the Technical Chamber of Greece Award (2017), the Amelia Earhart Award in recognition of distinctive merit in the aerospace industry (2016), the MPhil Distinction and Examiner’s Prize (2013) and the Best diploma thesis Thomaidion Award (2011).

Dr Leor Zmigrod
Title B (Junior) Research Fellow

Dr Leor Zmigrod is a Research Fellow at Churchill College and the Department of Psychology at the University of Cambridge. Her research combines methods from experimental psychology, cognitive science, and neuroscience to investigate the psychology of ideological thinking, voting behaviour, and group identity formation. In particular, Leor’s research explores cognitive and neurobiological traits that might act as vulnerability factors for radicalization and ideologically motivated behaviour.

Prior to joining Churchill College, Leor completed her BA and PhD at Cambridge as a Gates Scholar. She also spent time as a visiting research fellow at Stanford University (2018) and Harvard University (2019). Her research has been published in prestigious scientific journals such as the Proceedings of the National Academy of Sciences, Journal of Experimental Psychology: General, and Trends in Cognitive Sciences, and has been featured in media outlets such as The Guardian, Time Magazine, The Financial Times, New Scientist, BBC Radio, and LSE’s British Politics and Policy website. Leor is passionate about public engagement and conducting scientifically-rigorous research that translates to real-world outcomes and policy decisions.
Overseas Fellows 2019–2020

**Professor Ludovic Berthier**  
Title F (Overseas) French Government Fellow, October 2019 – August 2020 and Title F (Overseas) Fellow, September 2020 – August 2021

Ludovic Berthier received his PhD in theoretical physics in 2001 at the Ecole Normale Supérieure in Lyon, France. He was a Marie Curie Postdoctoral Fellow at the Department of Theoretical Physics at Oxford University until 2003. In 2004 he was appointed as a CNRS researcher at the Laboratoire Charles Coulomb at University of Montpellier (France), where he is now Director of Research. In 2007, he was a visiting scientist at the James Franck Institute of the University of Chicago, US. He works on the statistical mechanics of disordered materials, nonequilibrium systems, and soft matter. He performs theoretical research and computer simulations to develop a fundamental understanding of the structure and dynamics of a broad range of materials that we use on a daily basis, from sandpiles, emulsions, pastes and to window glasses and simple molecular fluids.

**Professor Myriam Boussahba-Bravard**  
Title F (Overseas) Fellow, February – April 2020

Myriam Boussahba-Bravard is Professor in British History at the Université Paris Diderot (Paris 7) in the British and American studies faculty. Her scholarly interests lie in the area of British and international feminism. She edited a volume, *Suffrage Outside Suffragism: Women’s Vote in Britain, 1880–1914* (Palgrave Macmillan, 2007), as well as a special issue of the French journal, *Genre & Histoire* (2014), which she co-edited on the topic of women’s political writings. She was the historical consultant for a much remarked upon documentary, ‘Les suffragettes: ni paillassons, ni prostituées’ by Michèle Dominici, first shown on French TV in 2012.

Recently, she has worked on the feminist congresses held alongside international exhibitions. Her recent publication, ‘L’autopromotion des
femmes à la Foire internationale de Chicago (1893), Relations internationales 164 (Paris: PUF, 2016), examines how British and American female national delegations structured before the Fair and how this contributed to a women’s internationalism in the making. She has coedited with Rebecca Rogers Women in International Exhibitions 1876–1937 (New York & London: Routledge, 2017). She has coauthored (with 11 colleagues) the groundbreaking L’Europe des femmes XVIII–XXIe siècle (Women’s Europe 18th–21st centuries) (Paris: Perrin, 2017) as a scholarly collaboration between the EHNE research project and the association Mnémosyne.

**Dr Eveline Legendre**  
**Title F (Overseas) French Government By-Fellow, January – August 2020**

Eveline Legendre was studying to become a teacher in Montréal when she attended lectures in Riemannian geometry, which made her change drastically her plans. It led her to a PhD thesis with honours in France (Ecole Polytechnique) and in UQAM (Montréal, Canada). She spent many months in Lisbon (Tecnico) and in MIT (Cambridge, Mass.) for a Postdoc.

She was then recruited as a Maître de Conference in Toulouse where she still is. She is still working in Riemannian geometry, her primary passion, but came for a few months in Cambridge to learn algebraic technics and apply them to her research.
Who’s Who in Churchill College

This is the list of Fellows and By-Fellows between October 2019 and September 2020. Where Fellows died during the year, this is marked by an asterisk.

Fellowship Categories: Fellows and By-Fellows

_Honorary Fellows:_ honorific positions bestowed on outstanding figures who have normally had a prior connection with the College; _Benefactor Fellows:_ a title bestowed by the Governing Body on major donors to the College; _Title A (Official):_ our main teaching Fellows and senior College Officers; _Title B (Research):_ Junior Research Fellows are early career researchers, usually immediately post-doctoral; _Senior Research Fellows:_ are well established researchers, usually with positions in the University or associated institutes; _Title C (Professorial):_ holders of a Cambridge University Chair (but professors who opt to continue with a teaching stint may remain in Title A); _Title D (Emeritus/Emerita):_ Fellows who have retired from their University position; _Title E (Extraordinary):_ academics or other persons of distinction whom the College wishes to include in its number but who may not be resident in Cambridge; _Title F (Overseas):_ Fellows staying in Churchill as academic visitors and normally collaborating with Churchill Fellows in the same subject, for periods ranging from a term to a year; _Title G (Supernumerary):_ those who do not belong to any of the above categories but who are performing an important function in the College.

_Teaching By-Fellows:_ assisting in specific areas of teaching need (usually post-doctoral status; may also be Fellows of another College); _Academic By-Fellows:_ visiting researchers nominated by the Archives Centre or by a Fellow of the College; _Professional and Møller By-Fellows:_ having professional links particularly relevant to Churchill; _Staff By-Fellows:_ non-academic staff members with senior managerial positions in the College; _Postdoctoral By-Fellows:_ drawn from the University’s 3500-strong post-doctoral community.

Master

Donald, Professor Dame Athene, MA, PhD, DBE, FRS

Theoretical Physics

Honorary Fellows

Gurdon, Professor Sir John B, DPhil, DSc, FRS, FMedSci

E73–75; C83–95; H07

Developmental and Stem Cell Biology
Ndebele, Professor Njabulu, MA, LL.D (Hon) G73; H07 Literature
Green, Professor Michael, MA, PhD, FRS U64; H10 Mathematics
Holmes, Professor Richard, MA, FBA, FRSL, OBE U64; H10 Biographer
Nurse, Sir Paul M, PhD, FRS, FREng H10 Microbiology
Robinson, Professor Dame Carol V, PhD, DBE, FRS B(SRF)03–4; C04–09; H12 Chemistry

Soyinka, Professor Wole F74; H12 Literature
Vargas Llosa, Dr. J Mario P, PhD, DLitt F77–78; H12 Literature
Churchill, Mr Randolph H15 Great-grandson of Sir Winston

Sales, Rt Hon Lord Justice Philip, QC U80; H15 Lord Justice of Appeal
Ugglà, Mrs Ane Maersk McKinney H15 Møller Foundation
Blackburn, Professor Simon, PhD, FBA B(JRF)67–69; H17 Philosophy
Bradley, Professor Donal D C, PhD, CBE, FRS, FlnstrP, FIET, FRSA G83; A89–93; H17 Physics
De Grey, Professor Spencer, CBE, RA, RIBA U63; H17 Architecture
Jacobus, Professor Mary, PhD, FBA, CBE C00–11; H17 Literature
Mairs, Professor Christopher, CBE, FREng U76; H17 Engineering
Mullins, Mr William, FRIBA H17 Architecture
Nelson, Professor Jennifer, PhD, FRS U80; H17 Physics
Stroustrup, Professor Bjarne, PhD, NAE, FACM, FIEEE, FCHM F12; H17 Computer Science

Hart, Professor Oliver, MA, PhD, FBA A75–81; H18 Economics
Brown of Cambridge, Baroness, DBE, PhD, FRS, FREng A87–94; E02–17; H18 Materials Science and Engineering
Spaldin, Professor Nicola, PhD, FRS U88; H18 Materials Science

Winston Churchill Benefactor Fellows

Cowan, Mr Michael J J, MA, FCISI U70; BenF10; WCBenF20 Investment Adviser

Benefactor Fellows

Lock, Mr Gregory H, MA, FRSA U66; BenF15 Chairman, Non-Executive Director
Wild, Dr Anthony H, PhD G68; BenF15 Investor and Mentor
Luckevich, Ms Lydia BenF16 Widow of Don Pinchin (G73)
Powell, Dr Eddie, PhD BenF19 Law

Fellows in Order of Precedence

Webber, Professor A J, PhD, FBA A Vice-Master; German
Gregory, Professor Sir Michael J, MA, CBE, FREng D President of the SCR; Manufacturing/Management

Broers, Rt Hon Lord Alec N, PhD, ScD, FRS, FREng D Microelectronics
*Boyd, Sir John, MA, KCMG D Modern Languages
Wallace, Professor Sir David J, CBE, PhD, FRS, FREng
Livesley, Dr R K, MA, PhD
Howie, Professor A, PhD, CBE, FRS
Hewish, Professor A, MA, PhD, ScD, FRS
*Steiner, Professor F G, PhD, FBA
Brunton, Dr J H, PhD
Dixon, Dr W G, MA, PhD
Schofield, Professor A N, MA, PhD, FRS, FREng
Craig, Professor E J, MA, PhD, FBA
Newbery, Professor D M G, MA, PhD, ScD, FBA, CBE
Westwood, Dr B A, MA, PhD
Whittle, Professor P, MA, PhD, FRS
Tristram, Dr A G, MA, PhD
*Palmer, Professor A C, MA, PhD, FRS, FREng
Thompson, Professor J G, MA, PhD, FRS
Squire, Dr L C, MA, SCD
Hoskin, Dr M A, PhD
Abrahams, Dr R G, MA, PhD
Cribb, Mr T J L, MA
George, Mr H, MA, CMG, OBE
Finch, Professor A M, MA, PhD
Findlay, Dr A L R, MA, PhD, VetMB
Gough, Professor D O, MA, PhD, FRS
Echenique, Prof M, OBE, MA, DArch, ScD, RTPI, RIBA
*Warren, Dr S G, MA, PhD
*Ryall, Dr R W, MA, PhD
Fraser, Dr C, MA, PhD
Gaskell, Dr P H, MA, PhD
Barnett, C B, MA, CBE, DSc, FRHistS, FRSL, FRSA
Wood, Mr H B, MA
Milne, Professor W I, MA, PhD, FREng
King, Dr F H, MA, PhD
Goldie, Professor M A, MA, PhD
Bolton, Professor M D, MA, PhD, FREng
Ashburner, Professor M, MA, PhD, ScD, FRS
Mascie-Taylor, Professor C G N, MA, PhD, ScD, FRSB, FNAS
Siddle, Professor K, MA, PhD
Hurst, Mr H R, MA
Dawes, Professor W N, MA, PhD, Ceng, FREng, FRAes
Green, Dr D A, MA, PhD

D

Theoretical Physics
Engineering
Physics
Radio Astronomy
Comparative Literature
Engineering
Applied Mathematics
Engineering
Philosophy
Economics
Computer Science
Mathematics
Pure Mathematics
Petroleum Engineering
Pure Mathematics
Aerodynamics
Pre-History
Social Anthropology
English
Bursar 1971–90
French
Physiology
Astrophysics
Architecture
Organic Chemistry
Pharmacology
Social Psychology
Physics
Military History
Music
Engineering
Computer Science
History
Engineering
Genetics
Biological Anthropology
Biochemistry
Classical Archaeology
Engineering
<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allen, Mr M J, MA, OBE</td>
<td>D</td>
<td>English; Bursar 1990–98</td>
</tr>
<tr>
<td>Norris, Professor J R, DPhil</td>
<td>C</td>
<td>Mathematics</td>
</tr>
<tr>
<td>Amaratunga, Professor G A J, PhD, FREng</td>
<td>C</td>
<td>Engineering</td>
</tr>
<tr>
<td>Knowles, Dr K M, MA, PhD</td>
<td>A</td>
<td>Materials Science</td>
</tr>
<tr>
<td>Walters, Dr D E, MA, PhD</td>
<td>D</td>
<td>Statistical Consultancy</td>
</tr>
<tr>
<td>Chatterjee, Professor V K K, MA, FRS, FMedSci, FRCP</td>
<td>D</td>
<td>Pathology</td>
</tr>
<tr>
<td>Laughlin, Professor S B, MA, PhD, FRS</td>
<td>D</td>
<td>Neurobiology</td>
</tr>
<tr>
<td>Crisp, Dr A J, MA, MB, BChir, MD, FRCP</td>
<td>D</td>
<td>Clinical Medicine</td>
</tr>
<tr>
<td>Kramer, Professor M H, PhD, FBA</td>
<td>A</td>
<td>Law</td>
</tr>
<tr>
<td>King, Mrs A N, MA, FRSA</td>
<td>D</td>
<td>Linguistics</td>
</tr>
<tr>
<td>Brendon, Dr P, MA, PhD, FRSL</td>
<td>D</td>
<td>History</td>
</tr>
<tr>
<td>O’Kane, Dr C J, MA, PhD</td>
<td>A</td>
<td>Genetics</td>
</tr>
<tr>
<td>Robertson, Professor J, MA, PhD, FIEE</td>
<td>C</td>
<td>Engineering</td>
</tr>
<tr>
<td>Boksenberg, Professor A, MA, PhD, FRS, CBE</td>
<td>D</td>
<td>Astronomy</td>
</tr>
<tr>
<td>Barbrook, Dr A C, MA, PhD</td>
<td>A</td>
<td>Biochemistry</td>
</tr>
<tr>
<td>Kinsella, Professor J, MA, PhD</td>
<td>E</td>
<td>Poet</td>
</tr>
<tr>
<td>Yuan, Dr B, PhD</td>
<td>A</td>
<td>Chinese and Linguistics</td>
</tr>
<tr>
<td>Brook, Mrs J M, MA, MBA</td>
<td>D</td>
<td>Bursar 1999–2017</td>
</tr>
<tr>
<td>Kraft, Professor M, MA, Dr.rer.nat, ScD</td>
<td>C</td>
<td>Chemical Engineering</td>
</tr>
<tr>
<td>Sirringhaus, Professor H, PhD, FRS</td>
<td>C</td>
<td>Physics</td>
</tr>
<tr>
<td>DeMarrais, Dr E, PhD</td>
<td>A</td>
<td>Archaeology; Senior Postgraduate Tutor</td>
</tr>
<tr>
<td>Van Houten, Dr P, MA, PhD</td>
<td>A</td>
<td>Politics</td>
</tr>
<tr>
<td>Tout, Professor C A, MA, PhD</td>
<td>A</td>
<td>Astronomy; Fellows’ Steward</td>
</tr>
<tr>
<td>Mathur, Professor N D, MA, PhD, APS FELLOW</td>
<td>C</td>
<td>Materials Science</td>
</tr>
<tr>
<td>Soilleux, Dr E, MA, MB, BChir, PhD, FRCPath, PGDipMedEd</td>
<td>A</td>
<td>Pathology</td>
</tr>
<tr>
<td>Gopal, Dr P, MA, PhD</td>
<td>A</td>
<td>English</td>
</tr>
<tr>
<td>Webb, Professor A, PhD</td>
<td>A</td>
<td>Plant Sciences; Postgraduate Tutor</td>
</tr>
<tr>
<td>Harris, Professor P A, LLM, PhD</td>
<td>C</td>
<td>Law</td>
</tr>
<tr>
<td>Kendall, Miss M, MA</td>
<td>D</td>
<td>Librarian 1984–2015; Tutor</td>
</tr>
<tr>
<td>Packwood, Mr A G, MPhil, FRHistS, OBE</td>
<td>A</td>
<td>Director, Churchill Archives Centre</td>
</tr>
<tr>
<td>Hicks, Dr C M, MA, PhD</td>
<td>A</td>
<td>Engineering</td>
</tr>
<tr>
<td>Fawcett, Dr J, MA, PhD</td>
<td>A</td>
<td>Computer Science; Praelector; Tutor</td>
</tr>
<tr>
<td>Schultz, Professor W, PhD, FRS</td>
<td>C</td>
<td>Neuroscience</td>
</tr>
<tr>
<td>Kingston, Dr I B, PhD</td>
<td>D</td>
<td>Pathology; Postgraduate Tutor</td>
</tr>
<tr>
<td>Ozanne, Professor S E, PhD</td>
<td>A</td>
<td>Biochemistry</td>
</tr>
<tr>
<td>Englund, Dr H M, MA, PhD, FBA</td>
<td>A</td>
<td>Social Anthropology</td>
</tr>
<tr>
<td>Caulfield, Professor C P, MAsT, PhD</td>
<td>C</td>
<td>Mathematics</td>
</tr>
<tr>
<td>Name</td>
<td>Degree</td>
<td>Role/Department</td>
</tr>
<tr>
<td>-----------------------</td>
<td>---------</td>
<td>------------------------------------------------------</td>
</tr>
<tr>
<td>Reid, Dr A, MSc, PhD</td>
<td>A</td>
<td>Geography</td>
</tr>
<tr>
<td>Wassell, Dr I J, PhD</td>
<td>A</td>
<td>Engineering</td>
</tr>
<tr>
<td>Ludlam, Dr J J, MA, PhD</td>
<td>A</td>
<td>Mathematical Biology; Tutor</td>
</tr>
<tr>
<td>Taylor, Dr A W, MA, PhD</td>
<td>A</td>
<td>English; Tutor</td>
</tr>
<tr>
<td>Sunikka-Blank, Dr M M, PhD</td>
<td>A</td>
<td>Architecture</td>
</tr>
<tr>
<td>Boss, Dr S R, PhD</td>
<td>A</td>
<td>Chemistry; Deputy Senior Tutor; Postgraduate Tutor; Tutor</td>
</tr>
<tr>
<td>Hines, Professor M M, MA, PhD</td>
<td>D</td>
<td>Psychology</td>
</tr>
<tr>
<td>Liang, Dr D, PhD</td>
<td>A</td>
<td>Engineering</td>
</tr>
<tr>
<td>Ralph, Professor D, PhD</td>
<td>C</td>
<td>Operations Research</td>
</tr>
<tr>
<td>Singh, Dr S S, PhD</td>
<td>A</td>
<td>Engineering</td>
</tr>
<tr>
<td>Goldstein, Professor R E, PhD, FRS</td>
<td>C</td>
<td>Mathematics</td>
</tr>
<tr>
<td>Wickramasekera, Professor N, PhD</td>
<td>C</td>
<td>Mathematics</td>
</tr>
<tr>
<td>McEniery, Dr C M, PhD</td>
<td>A</td>
<td>Physiology</td>
</tr>
<tr>
<td>Spiegelhalter, Professor Sir David J, PhD, OBE, FRS</td>
<td>C</td>
<td>Statistics</td>
</tr>
<tr>
<td>Partington, Mr R J, MA</td>
<td>A</td>
<td>History; Senior Tutor</td>
</tr>
<tr>
<td>Russell, Dr P A, MA, MMATH, PhD</td>
<td>A</td>
<td>Mathematics; Admissions Tutor</td>
</tr>
<tr>
<td>Phipps, Mr B J, MA, MSt, MPhil</td>
<td>A</td>
<td>Curator of Works of Art; Director of Creative Hub; Postgraduate Tutor; Tutor</td>
</tr>
<tr>
<td>Knight, Mr N V, MSc</td>
<td>A</td>
<td>Economics; Tutor</td>
</tr>
<tr>
<td>Frayling, Professor Sir Christopher, MA, PhD</td>
<td>E</td>
<td>Historian, Critic and Broadcaster</td>
</tr>
<tr>
<td>Linterman, Dr M A, MA, PhD</td>
<td>A</td>
<td>Biological Sciences</td>
</tr>
<tr>
<td>Denault, Dr L T, PhD</td>
<td>A</td>
<td>History; Postgraduate Tutor; Tutor</td>
</tr>
<tr>
<td>Monson, Dr R E, PhD</td>
<td>A</td>
<td>Cell Biology; Tutor</td>
</tr>
<tr>
<td>Ron, Professor D, MD, FRS, FMedSci,</td>
<td>C</td>
<td>Metabolic Science</td>
</tr>
<tr>
<td>Jardine-Wright, Dr L J, MA, MSci, PhD, CPhys, FInstP</td>
<td>A</td>
<td>Physics; Acting Senior Tutor (April–September); Tutor</td>
</tr>
<tr>
<td>Durbin, Dr R M, PhD, FRS</td>
<td>B (SRF)</td>
<td>Human Genetics</td>
</tr>
<tr>
<td>Biberauer, Dr T, MA, MPhil, PhD</td>
<td>A</td>
<td>Linguistics</td>
</tr>
<tr>
<td>Secrett, Mrs G, BSc, CDIR</td>
<td>G</td>
<td>CEO of the Møller Centre</td>
</tr>
<tr>
<td>Stott, Dr K M, MA, PhD</td>
<td>A</td>
<td>Chemistry</td>
</tr>
<tr>
<td>Curry, Dr H A, MA, MPhil, PhD</td>
<td>A</td>
<td>History &amp; Philosophy of Science</td>
</tr>
<tr>
<td>Davies, Dr N S, PhD</td>
<td>A</td>
<td>Earth Sciences</td>
</tr>
<tr>
<td>Akroyd, Dr J W J, MA, MEng, PhD</td>
<td>A</td>
<td>Chemical Engineering</td>
</tr>
<tr>
<td>Gagne, Dr C A, MA, MPhil, PhD</td>
<td>A</td>
<td>French</td>
</tr>
<tr>
<td>Hasan, Dr T, MEng, PhD</td>
<td>A</td>
<td>Engineering</td>
</tr>
<tr>
<td>Toner, Dr J P, PhD</td>
<td>A</td>
<td>Classics</td>
</tr>
<tr>
<td>Name</td>
<td>Degree(s)</td>
<td>Position</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>-----------------</td>
<td>-----------------------------------------------</td>
</tr>
<tr>
<td>Mei, Professor J, MSc, PhD</td>
<td>B (SRF)</td>
<td>Historical Metallurgy &amp; Materials</td>
</tr>
<tr>
<td>Anderson, Professor R J, PhD, FRS, FRAEng</td>
<td>B (SRF)</td>
<td>Computer Science</td>
</tr>
<tr>
<td>Holmes, Professor M A, MA, VetMB, PhD, FRCVS</td>
<td>A</td>
<td>Veterinary Medicine; Tutor</td>
</tr>
<tr>
<td>Moya, Dr X, PhD</td>
<td>B (SRF)</td>
<td>Materials Science</td>
</tr>
<tr>
<td>Onatski, Professor A, PhD</td>
<td>A</td>
<td>Economics</td>
</tr>
<tr>
<td>Rees, Dr E J, MA, MSci, PhD</td>
<td>A</td>
<td>Chemical Engineering</td>
</tr>
<tr>
<td>Surtees, Mrs S J B, MA</td>
<td>A</td>
<td>Domestic Bursar</td>
</tr>
<tr>
<td>Oates, Mr T, MA, CBE</td>
<td>A</td>
<td>Cambridge Assessment</td>
</tr>
<tr>
<td>Ali, Dr J M, MA, MB, BCChir, MA (Med Ed), FHEA, PhD, MAcadMEd, MRC</td>
<td>A</td>
<td>Medical &amp; Veterinary Sciences</td>
</tr>
<tr>
<td>Daly, Dr R, PhD</td>
<td>A</td>
<td>Engineering</td>
</tr>
<tr>
<td>Minshall, Dr T H W, PhD</td>
<td>C</td>
<td>Engineering Innovation and Outreach</td>
</tr>
<tr>
<td>Savory, Professor S J, MEng, MA, PhD</td>
<td>C</td>
<td>Engineering</td>
</tr>
<tr>
<td>Sloman, Dr P, PhD</td>
<td>A</td>
<td>Politics; Dean</td>
</tr>
<tr>
<td>Kim, Professor J M, PhD</td>
<td>C</td>
<td>Engineering</td>
</tr>
<tr>
<td>Wilkinson, Dr T, PhD</td>
<td>B (JRF)</td>
<td>Archaeology</td>
</tr>
<tr>
<td>Birch, Dr E, PhD</td>
<td>A</td>
<td>French</td>
</tr>
<tr>
<td>Teichmann, Dr S, PhD</td>
<td>B (SRF)</td>
<td>Molecular Biology</td>
</tr>
<tr>
<td>van der Linden, Dr S, PhD, FRSA</td>
<td>A</td>
<td>Psychology</td>
</tr>
<tr>
<td>James, Mrs T M, LLB</td>
<td>A</td>
<td>Bursar</td>
</tr>
<tr>
<td>Loewe, Professor B, MA, Dr.rer.nat.</td>
<td>E</td>
<td>Mathematics; Philosophy</td>
</tr>
<tr>
<td>Malaree, Mrs F A, MA</td>
<td>A</td>
<td>Development Director</td>
</tr>
<tr>
<td>Farmelo, Dr G, PhD</td>
<td>E</td>
<td>Biographer and Historian</td>
</tr>
<tr>
<td>Braithwaite, Dr C H, PhD</td>
<td>A</td>
<td>Physics; Finance Tutor</td>
</tr>
<tr>
<td>Grant, Dr A M, PhD</td>
<td>A</td>
<td>Social Anthropology</td>
</tr>
<tr>
<td>Qian Dr W, PhD</td>
<td>B (JRF)</td>
<td>Pure Mathematics</td>
</tr>
<tr>
<td>Reddy, Dr B V, MA, LLM, PhD</td>
<td>A</td>
<td>Law</td>
</tr>
<tr>
<td>Padley, Dr J P H, MA, PhD, PGCE, LMusTCL, ATCL</td>
<td>A</td>
<td>Education; Lead Admissions Tutor; Tutor</td>
</tr>
<tr>
<td>Coyle, Professor D, CBE, PhD, FAcSS</td>
<td>C</td>
<td>Economics</td>
</tr>
<tr>
<td>Cox, Dr S J, MSci, PhD</td>
<td>A</td>
<td>Chemistry</td>
</tr>
<tr>
<td>Chhowalla, Prof M, PhD, FInstP, FRSC</td>
<td>C</td>
<td>Materials Science</td>
</tr>
<tr>
<td>Clibbens, Dr P H M, MPhil, PhD</td>
<td>A</td>
<td>History</td>
</tr>
<tr>
<td>Dunbar, Dr S, PhD</td>
<td>A</td>
<td>Natural Sciences; Admissions Tutor</td>
</tr>
<tr>
<td>Lengyel, Prof M, MSc, PhD</td>
<td>B (SRF)</td>
<td>Computational Biology</td>
</tr>
<tr>
<td>Loi, Dr S T, PhD</td>
<td>B (JRF)</td>
<td>Physics</td>
</tr>
<tr>
<td>Mallucci, Prof G R, MBBS, MRC, PhD, CSST, FMedSci</td>
<td>C</td>
<td>Medicine</td>
</tr>
<tr>
<td>Marin Aguilera, Dr B, MA, PhD</td>
<td>B (JRF)</td>
<td>Archaeology</td>
</tr>
<tr>
<td>Ming, Dr A D, MA, PhD</td>
<td>A</td>
<td>Applied Mathematics</td>
</tr>
<tr>
<td>Surie von Czechowski, Dr A D, MSc, MPhil, PhD</td>
<td>B (JRF)</td>
<td>Social Anthropology</td>
</tr>
</tbody>
</table>
By-Fellows

Tasker, Dr A, MB BChir, MRCP  BF (Teaching)  Medical Sciences
Bianchi, Mr A S, MA  BF (Teaching)  Spanish
Laycock, Mrs P, BA, FRSA  BF (Teaching)  College Registrar 1991–2014
Church, Dr L E, MA, PhD  BF (Teaching)  Computer Science
Bittleston, Dr S, PhD  BF (Professional)  MD, Schlumberger Cambridge Research
Hunter, Dr M, PhD  BF (Teaching)  Earth Sciences
McMeekin, Mrs S M, BA, BFP, ACA  BF (Staff)  Finance Manager
Donald, Dr M, PhD  BF (Teaching)  Mathematics
Sorenson, Professor G, PhD  BF (Møller)  Leadership
Corander, Prof J, MSc, PhD  BF (Visiting)  Biological Sciences
Prasad, Ms K, FRSA  BF (Professional)  Head of Office of Postdoctoral Affairs
Russell, Dr M, PhD  BF (Professional)  Head of Office of Intercollegiate Services
Nikolka, Dr M, PhD  BF (Postdoctoral)  Optoelectronics
Courtice, Dame V A Polly, DBE, LVO  BF (Professional)  Sustainability Leadership
Brick, Dr C, PhD  BF (Postdoctoral)  Social Psychology
Beck, Dr J, PhD  BF (Postdoctoral)  Anthropology
Boselli, Dr F, PhD  BF (Postdoctoral)  Biological Physics
Cai, Dr N, DPhil  BF (Postdoctoral)  Bioinformatics
Davison, Mr S, MA  BF (Professional)  Head of Public Affairs, University of Cambridge

Denton, Dr A, PhD  BF (Postdoctoral)  Immunology
Kirk, Dr P, MSc, PhD  BF (Postdoctoral)  Genomics
Martinez Jimenez, Dr J, DPhil  BF (Postdoctoral)  Classics
Massabauu, Dr F, PhD  BF (Postdoctoral)  Nanotechnology
Morgan, Dr G H, PhD  BF (Teaching)  Computer Science
Novo, Dr C L, PhD  BF (Postdoctoral)  Epigenetics
Nyrup, Dr R, MA, PhD, ScD  BF (Postdoctoral)  Philosophy
O'Donnell, Dr P J, MSc, MA, DPhil  BF (Postdoctoral)  Mathematics
Vreugdenhil, Dr C A, PhD  BF (Postdoctoral)  Applied Mathematics
Herbert, Dr S, MA, MEng, PhD  BF (Teaching)  Engineering
Peel, Dr A, MSci, PhD  BF (Teaching)  Chemistry
Ainsworth, Dr S, PhD  BF (Teaching)  Computer Science

Boussahba-Bravard, Prof M, MA, PhD  F  History
Bruna, Dr M, MEng, MSc, DPhil  A  Mathematics
Kypraiou, Dr A-M, MPhil, PhD  A  Engineering
Berthier, Professor L, PhD  F (French Government)  Theoretical Physics
Bower, Dr H, MSc, PhD  B (JRF)  English
Zmigrod, Dr L, MA, PhD  B (JRF)  Psychology
<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Position</th>
<th>Specialization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aprile, Dr F A, MA, PhD</td>
<td>BF (Postdoctoral)</td>
<td></td>
<td>Protein Biochemistry and Biophysics</td>
</tr>
<tr>
<td>Campbell, Dr E A H, MPhil, PhD</td>
<td>BF  (Artist)</td>
<td></td>
<td>Music; Director of Music Making</td>
</tr>
<tr>
<td>Courbon, Dr F R, MSc, MPhil, PhD</td>
<td>BF (Postdoctoral)</td>
<td></td>
<td>Computer Science</td>
</tr>
<tr>
<td>Griffiths, Dr O E, MPhil, PhD</td>
<td>BF (Teaching)</td>
<td></td>
<td>Philosophy</td>
</tr>
<tr>
<td>Kauppinen, Dr A-R, MSc, PhD</td>
<td>BF (Postdoctoral)</td>
<td></td>
<td>Social Anthropology</td>
</tr>
<tr>
<td>Kenchington, Dr C G, PhD</td>
<td>BF (Postdoctoral)</td>
<td></td>
<td>Earth Sciences</td>
</tr>
<tr>
<td>Leptos, Dr K, PhD</td>
<td>BF (Postdoctoral)</td>
<td></td>
<td>Biophysics</td>
</tr>
<tr>
<td>Mashoodh, Dr R, MSc, PhD</td>
<td>BF (Postdoctoral)</td>
<td></td>
<td>Ecology</td>
</tr>
<tr>
<td>McKearney, Dr P, MPhil, PhD</td>
<td>BF (Postdoctoral)</td>
<td></td>
<td>Anthropology</td>
</tr>
<tr>
<td>Ramakrishna, Dr M, PhD</td>
<td>BF (Postdoctoral)</td>
<td></td>
<td>Bioinformatics</td>
</tr>
<tr>
<td>Schmitt, Dr J, PhD</td>
<td>BF (Postdoctoral)</td>
<td></td>
<td>Physics</td>
</tr>
<tr>
<td>Thorneywork, Dr A L, MChem, DPhil</td>
<td>BF (Postdoctoral)</td>
<td></td>
<td>Chemistry</td>
</tr>
<tr>
<td>Vuckovic, Dr D, MA, PhD</td>
<td>BF (Postdoctoral)</td>
<td></td>
<td>Biostatistics</td>
</tr>
<tr>
<td>Friedrich, Dr O, MSc, PhD</td>
<td>BF (Postdoctoral)</td>
<td></td>
<td>Cosmology</td>
</tr>
<tr>
<td>Zaczezk, Dr A J, MPhil, PhD</td>
<td>BF (Teaching)</td>
<td></td>
<td>Chemistry</td>
</tr>
<tr>
<td>Erol, Dr M E, MA, PhD</td>
<td>BF (Postdoctoral)</td>
<td></td>
<td>Social and Political Sciences</td>
</tr>
<tr>
<td>Schneider, Dr C R, MSc, MPhil, PhD</td>
<td>BF (Postdoctoral)</td>
<td></td>
<td>Psychology</td>
</tr>
<tr>
<td>Recchia, Dr G L, PhD</td>
<td>BF (Postdoctoral)</td>
<td></td>
<td>Psychology</td>
</tr>
<tr>
<td>Zhao, Dr W, PhD</td>
<td>BF (Visiting)</td>
<td></td>
<td>Engineering</td>
</tr>
<tr>
<td>Bloznelyte, Dr K, Msci, PhD</td>
<td>BF (Teaching)</td>
<td></td>
<td>Biochemistry</td>
</tr>
<tr>
<td>Butler, Dr L, MA, Dphil</td>
<td>BF (Archives)</td>
<td></td>
<td>History</td>
</tr>
<tr>
<td>de Souza, Dr P, Meng, PhD</td>
<td>BF (Teaching)</td>
<td></td>
<td>Engineering</td>
</tr>
<tr>
<td>Dryhurst, Dr S L, MA, Mres, MSc, PhD</td>
<td>BF (Postdoctoral)</td>
<td></td>
<td>Psychology</td>
</tr>
<tr>
<td>Fell, Miss R, MA, Mphil</td>
<td>BF (Teaching)</td>
<td></td>
<td>Spanish</td>
</tr>
<tr>
<td>Jalaal, Dr M, MASc, PhD</td>
<td>BF (Postdoctoral)</td>
<td></td>
<td>Fluid Mechanics and Soft Matter</td>
</tr>
<tr>
<td>Jozwik, Dr K, MPhil, PhD</td>
<td>BF (Postdoctoral)</td>
<td></td>
<td>Neuroscience</td>
</tr>
<tr>
<td>Kappler, Dr J, PhD</td>
<td>BF (Postdoctoral)</td>
<td></td>
<td>Physics</td>
</tr>
<tr>
<td>Kucherenko, Dr O, MPhil, PhD</td>
<td>BF (Archives)</td>
<td></td>
<td>History</td>
</tr>
<tr>
<td>Lambert, Dr S, PhD</td>
<td>BF (Postdoctoral)</td>
<td></td>
<td>Genetics</td>
</tr>
<tr>
<td>Luca, Dr D, MSc, PhD</td>
<td>BF (Postdoctoral)</td>
<td></td>
<td>Economic Geography</td>
</tr>
<tr>
<td>Martin-Alvarez, Dr S, MSc, PhD</td>
<td>BF (Postdoctoral)</td>
<td></td>
<td>Astrophysics and Cosmology</td>
</tr>
<tr>
<td>Miri, Dr M, MSc, PhD</td>
<td>BF (Postdoctoral)</td>
<td></td>
<td>Molecular Biology</td>
</tr>
<tr>
<td>Mwambari, Dr D, MA, PhD</td>
<td>BF (Visiting)</td>
<td></td>
<td>Social Sciences</td>
</tr>
<tr>
<td>Nelson, Dr J, MSc, PhD</td>
<td>BF (Postdoctoral)</td>
<td></td>
<td>Physics</td>
</tr>
<tr>
<td>Roozenbeek, Dr J, MA, MSc, PhD</td>
<td>BF (Postdoctoral)</td>
<td></td>
<td>Psychology</td>
</tr>
<tr>
<td>Hodgson, Dr P J, Meng, PhD</td>
<td>BF (Teaching)</td>
<td></td>
<td>Chemical Engineering</td>
</tr>
<tr>
<td>Legendre, Dr E, MSc, PhD</td>
<td>BF (French Government)</td>
<td></td>
<td>Mathematics</td>
</tr>
<tr>
<td>Stott, Miss R C, MA, MA</td>
<td>BF (Artist)</td>
<td></td>
<td>Music</td>
</tr>
<tr>
<td>Tavosanis, Professor G, PhD</td>
<td>BF (Visiting)</td>
<td></td>
<td>Neurogenetics</td>
</tr>
<tr>
<td>Kerr, Dr J, MSci, PhD</td>
<td>BF (Postdoctoral)</td>
<td></td>
<td>Psychology</td>
</tr>
<tr>
<td>Kelsey, Mr T, MA</td>
<td>BF (Archives)</td>
<td></td>
<td>History</td>
</tr>
<tr>
<td>Rawlinson, Rev Dr J</td>
<td>BF (Postdoctoral)</td>
<td></td>
<td>Chaplain to the Chapel at Churchill College</td>
</tr>
</tbody>
</table>
IN MEMORIAM
CONDOLENCES
In alphabetical order

A list of members and friends of the College, whose passing we have been notified of up to the end of August 2020. Notifications received after that date will be included in the next issue. Please note that we welcome short obituaries for publication.

Professor Jens Andersen (former Overseas Fellow) who died on 17 November 2019

Jens Andersen graduated from Aarhus University in 1966, and in 1977 was appointed Professor of Experimental Physics there. He officially retired at the end of 2011, when he turned 70, but fortunately this did not put an end to his work, as he continued as Professor Emeritus until his death. A major activity in research at the Department of Physics in the 1960s and 1970s was studies of the penetration of charged particles into matter, working with Jens Lindhard, a theorist. Under the leadership of the professor of Experimental Physics, Karl Ove Nielsen, a strong experimental program was built to utilize and support Jens Lindhard’s and staff’s theoretical work, and close contact was created between theorists and experimental physicists. Jens consequently had a strong interest in both theoretical and experimental work.

Dr Krishnan Arora (U&G83) who died on 15 April 2020

Dr Krishan Arora worked as a full-time grassroots GP and senior partner at a 11,500-patient practice in Croydon where he had served for 26 years. His interests included dermatology and most clinical specialties. Passionate for all things digital, he planned to develop a special area in his newly renovated practice to install tablets to allow his patients to access online consultations and other health and wellbeing support.

Mr Peter Ashton (G66) who died on 15 May 2020

Mr Richard Atkinson (U71) who died on 11 May 2020

Mr David Barrass (former Fellow) who died on 10 December 2019

Dr Simon Bernau (G61) who died in April 2019
Mr Robert Bousquet (donor) who died on 13 August 2020 (see obituary p. 218)

Sir John Boyd (former Master) who died on 18 October 2019 (see tribute p. 99 and feature p. 129)

Mr Owain Bristow (U04) who is believed to have died in a climbing accident on Friday 21st August.

Owain read Natural Sciences, taking Neurology in Part III. He graduated in 2007, and received his PGCE in 2008. He was involved in an accident while rock climbing on the Scottish coast. I had the privilege of being his Tutor throughout his years at Churchill and I remember him as a shy, hardworking and kind young man. I was thrilled when he told me he wanted to become a teacher. My understanding is that he became a brilliant, popular and inspiring teacher. Owain joined CUH&H as a fresher in 2004, raced in the cross-country Blues team and was part of the winning Cambridge teams in 2007 and 2008 and in his final year he achieved his highest finishing position, a laudable 4th place. (By Anny King, Review Editor)

Mr James [Jim] Cameron (former Boatman) who died on 11 June 2020 (see obituary p. 219)

Professor Justin Champion (U&G80) who died on 10 June 2020 (see obituary p. 220)

Professor Geoffrey Chew (former Overseas Fellow) who died on 12 April 2019

Geoffrey Chew was a student of Enrico Fermi and Professor of Physics at the UC Berkeley since 1957. He is known as a leader of the S-matrix approach to the strong interaction and the associated bootstrap principle, a theory whose popularity peaked in the 1960s and contributed to the later development of string theory. He won the Lawrence Prize in 1969 and Majorana Prize in 2008.

Mrs Elizabeth Churchill Snell (Archives Centre Patron) who died on 5 September 2019

Having studied English and History at University, followed by further courses in Theatre Studies and Journalism, Elizabeth Snell joined the Halifax Mail-Star in
1958 and within a year had secured her own column, writing on such diverse subjects as fashion and society, wheelchair access and indigenous issues. Community-minded, Elizabeth and her husband James Snell were involved in early efforts to clean up Bedford Basin upon which they sailed. She was also an active fundraiser and Board Member at the Halifax Bengal Lancers.

Professor Ray Clough (former Overseas Fellow) who died on 8 October 2016

Ray Clough was Nishkian Professor of Civil Engineering, Emeritus, at University of California, Berkeley, home of his entire academic career. His most important research contribution in structural engineering was as a co-developer in the finite element method, beginning with a classic paper in 1956. In 2015 he was awarded the Benjamin Franklin Medal in Civil Engineering for revolutionizing engineering and scientific computation, and engineering design methods, through his formulation and development of the finite element method, and for his innovative leadership in applying the method to the field of earthquake engineering with special emphasis on the seismic performance of dams.

Professor Melvin Cohn (former Fellow) who died on 23 October 2018

Professor Cohn was a founding and resident fellow of the Salk Institute in California, where he became Professor Emeritus in 2011 and maintained an active research group until shortly before his passing. Prior to the Salk, Cohn was a National Science Foundation fellow at l’Institut Pasteur in Paris and previously a professor at Stanford University and Washington University in St. Louis.

Mr John Conradie (G78) who died on 18 March 2019

Mr Michael Cooper (U61) who died on 20 February 2020

Professor Alexander Craik (G60) who died on 17 November 2019

Alexander Craik graduated from the University of St Andrews with a first-class Maths degree. He moved to Cambridge to be part of the first intake of research students at Churchill, obtaining a PhD in fluid dynamics. In 1963 returned to St Andrews, where he worked until his retirement 40 years later. Alex’s research in fluid dynamics was outstanding. In particular, he was an
expert on wave motion and hydrodynamic stability and he liked to construct ingenious theoretical models to explain observed physical phenomena. In 1983 he was elected Fellow of the Royal Society of Edinburgh, in 1987 he was awarded a Personal Chair at St Andrews and from 1993 to 1995 he was President of the Edinburgh Mathematical Society.

**Mr Vivian Crellin** (former Fellow) who died on 6 January 2020

Vivian Crellin was the headmaster of the Knights Templar School (formerly the Baldock County Secondary School) from 1960 and 1984. On accepting the role, he immediately set about making changes to improve the education of students: he established compulsory school uniforms; issued regular reports; gave the children exercise books and textbooks to look after and take home; demanded that pupils brought their own pens, pencils and rulers to school; insisted homework was set; began the parents association, bought a school van for outdoor activities and trips in out of school hours; and oversaw the expansion of the school. He was described as a visionary by the current Headmaster.

**Mr Michael Cooper** (U61) who died on 20 February 2020

**Mr Malcolm D’aubney** (U64) who died on 17 August 2020

Malcolm D’Aubney read French and Russian at Churchill, which he went on to teach at Sevenoaks School from 1968 to 1997, where he is fondly remembered for leading many trips overseas. He was an active member of his Church, and his preaching ability was described as, ‘outstanding, well prepared, interesting and with light touches of humour’. Throughout his life he enjoyed travel, good food and good company, his voicemail greeting callers first in English, then in French, then in Russian.

**Professor Josef Elfenbein** (former Fellow) who died on 14 January 2019

Professor Elfenbein was a distinguished specialist in the Iranian languages, especially Balochi, on which he published many important books. A true Renaissance man, he was the holder of two postgraduate doctorates in very widely differing fields as well as an accomplished horn-player. Among the many places he lived are the US, Italy, Israel, the Netherlands, the UK, Germany, Afghanistan and Pakistan, from where he was expelled twice.
David Erlij (former Overseas Fellow) who died on 20 July 2018

David Erlij was an outstanding investigator in basic medical science whose scientific life was highly productive. He published over 100 scientific papers on a range of topics in general physiology that have been cited in other research papers over 3,000 times. His early work led to better understanding of the ionic modulation of metabolism in skeletal muscle and the complex physiology of adrenergic effects on cardiac muscle. In recent times he focused primarily on neurophysiological analysis of GABAergic and dopaminergic mechanisms in the basal ganglia that underlie Parkinson’s disease.

Professor Akin Euba (former Overseas Fellow) who died on 14 April 2020

Olatunji Akin Euba was a Nigerian composer, musicologist, and pianist. Born in Lagos, Euba studied composition with Arnold Cooke at the Trinity College of Music, London. He was awarded a Rockefeller Foundation Fellowship in 1962, and received BA and MA degrees from the University of California, Los Angeles, and a PhD in ethnomusicology from the University of Ghana, Legon. Known globally for inventing and theorising the concept of African pianism, Euba devoted a significant portion of his composing career to exploring how the piano could be used as a medium for re-interpreting the core structural and rhythmic principles of African music in new ways and for global audiences. He was the Andrew Mellon Professor of Music at the University of Pittsburgh and the founder and director of the Centre for Intercultural Music Arts, London, and Director Emeritus of the Centre for Intercultural Musicology at Churchill.

Mr Christopher Evans (U&G70) who died on 22 February 2020

Mr James Fitzgerald (U64) who died on 20 April 2013


Mr Michael [Mike] Gavin (former Strategic Adviser) who died on 1 March 2020

Professor Murray Gell-Mann (former Overseas Fellow) who died on 24 May 2019

Murray Gell-Mann was one of the founders of modern particle physics. Gell-Mann’s most influential contribution was to propose the theory of quarks:
fundamental particles that make up most ordinary matter, for which he received a Nobel Prize. He was a child prodigy, he won a scholarship to Yale aged 14, received his Bachelor’s degree at 18, and completed his PhD at MIT 2 years later, moving on to a post-doctoral position at the Institute for Advanced Study at Princeton with Robert Oppenheimer, and a year later to the University of Chicago with Enrico Fermi. He moved to the Caltech in 1955, where he worked with Richard Feynman, becoming their youngest full professor a year later. He advised the Nixon and Clinton administrations on science and technology, and outside of the field was a keen and extremely proficient linguist.

**Dr Richard Grove** (former Fellow) who died on 25 June 2020

Richard Grove was one of the contemporary founders of Environmental History as an academic field. His prizewinning book, *Green Imperialism: Colonial Expansion, Tropical Island Edens and the Origins of Environmentalism 1600–1860*, was widely praised for its exhaustive account of colonial environmental impacts and environmental thinking back to the 17th century. Grove contributed to knowledge of the political, environmental and economic history of India, Pakistan, Sri Lanka, Mauritius and other Indian Ocean islands, Malawi, Ghana, Nigeria, the Southern Caribbean (especially St Vincent, Montserrat, Dominica and Tobago), Australia and New Zealand. His major contribution has been to document the environmental history of these places through exhaustive archival research in several languages, particularly relating to the 17th–19th centuries.

**Mr Mark Harris** (U71) who died on 13 May 2020

Mark Harris’s love of sailing first became apparent when he began coxing at Churchill. This love stayed with him throughout his life, sailing at the Staunton Harold sailing club and also in Benalmadena in Spain, where he owned a studio apartment. All his working life was spent at Rolls Royce Aero Engines in Derby, where he was offered a post as a computer programmer on Graduation. His other great love was art and music, he was often at concerts and he supported local artists in his purchases. Mark was quiet, gentle and private and his patience and good humour are affectionately remembered by all who knew him.

**Mr Anthony Holden** (G77) who died on 17 February 2020
Mr George Johnson (U61) who died on 8 April 2020

Ms Susan Kerley (U&G77) who died on 12 March 2020

Mr Arie Langstraat (G66) who died on 26 December 2019

Mr Barnaby Levy (U04) who died on 1 February 2020

Mr Thomas McKendrick-Warden (U05) who died on 29 January 2020 (see obituary p. 221)

Mr John McLaughlin (former Schoolmaster Fellow) who died on 2 April 2019

John McLaughlin was a Schoolmaster Fellow of the College in the Michaelmas Term 1977, and greatly enjoyed his time in Cambridge. He was born 18 March 1935 and lived in Farnham between 1972 and 2019, where he was closely associated with secondary education in the town.

Ms Lorna Montgomerie (U72) who died on 19 December 2019

Lorna joined Churchill College in 1972 in the first female intake. Then, women lived on female-only staircases, in rooms especially adapted to include a longer mirror. She studied Law, making lifelong friends at the College. She was an active member of the College Boat Club, becoming the first Ladies’ Captain. She was instrumental in persuading CUBC to include a women’s division in the Bumps and stroked the first Churchill women’s four in May 1974. That year, she also represented Cambridge in the Women’s Boat Race, achieving that rare thing for Churchill, a rowing blue. She later married another Churchill graduate, John Anderson, having IVF twins in the very earliest days of the procedure’s existence. She worked as a solicitor for Biddle & Co. in London and after four years grasped the opportunity to combine her love of books with her knowledge of law, moving to Butterworths law publishers. Whilst there she pioneered the implementation of digital publishing practices at the company. She died of the complications of multiple sclerosis.

Mr Alan Muitt (U79) who died in 2020

Dr Robert Murray (G63) who died in 2019
Professor Samuel Okoye (former By-Fellow) who died on 18 November 2009

Professor Okoye was one of Africa’s top astrophysicists and the first Black African to obtain a doctorate in Radio Astronomy. He will be remembered by many for his scientific columns for *The Guardian*, which focused on information technology as well as advances in scientific ideas, praised for his ability to convey difficult scientific ideas in accessible language. Among his many other positions, he was a consultant to the United Nations on the development of Space Science and Technology in developing countries (1979–86).

Professor Andrew Palmer (former Fellow) who died on 20 December 2019 (see obituary p. 222)

Professor Mervyn Paterson (former Fellow) who died on 4 June 2020

Professor Mervyn Paterson was a geophysicist who has led Australian research into rock mechanics and pioneered instrument development over fifty years. He was born in South Australia in 1925 into a family of wheat farmers and attended Adelaide Technical High School, then The University of Adelaide. He began his career at the CSIR Division of Aeronautics working on the physics of metal fatigue and received his PhD from Cambridge on x-ray diffraction effects of deformation metals, pursuing postdoctoral studies in Chicago. He returned to work at the newly named CSIRO, but soon moved to the Australian National University, where he stayed for 31 years in the Research School of Earth Sciences. During this time, he developed instruments to test rock deformation, which subsequently led to a ‘second career’ as owner and manager of Paterson Instruments P/L, a company specialising in building scientific instruments.

Dr Luis Racionaero (former By-Fellow) who died on 8 March 2020

Luis Racionero was a Spanish writer and essayist who was a counterculture pioneer who described himself as ‘a psychedelic liberal’. Further to studying Engineering and Economic Sciences at the University of Barcelona, and Urban Studies at the University of California Berkeley, he became director of Spain’s National Library and of the Spanish College (Colegio de España) in Paris. He worked with newspapers including *El País, La Vanguardia* and *Mundo Deportivo*, writing both in Catalan and Spanish. In 1999 he won the Fernando Lara Novel Award for his then-unpublished work *La sonrisa de la Gioconda*. 
Professor Wolfgang Rindler (former By-Fellow) who died on 8 February 2019

Professor Rindler worked in the field of General Relativity, in which he is known for introducing the terms event horizon and Rindler coordinates, and (in collaboration with Roger Penrose) for popularizing the use of spinors in general relativity. In 1961 Rindler used the Fitzgerald contraction as the premise of his article ‘Length contraction paradox’, a thought experiment now called the ladder paradox.

Mr David Rose (U67) who died in September 2019 (see obituary p. 223)

Professor Murray Rosenblatt (former Overseas Fellow) who died on 9 October 2019

Murray Rosenblatt was a statistician specialising in time series analysis. He became an instructor/assistant professor in the Committee of Statistics at the University of Chicago, followed by periods at the Indiana University and Brown University before joining the University of California at San Diego in 1964. He became well known for his contributions on time series and Markov processes and conducted seminal work on density estimation, central limit theorems under strong mixing, spectral domain methods and long memory processes.

Mr Anthony Russell (G62) who died in 2020

Dr Ronald Ryall (former Fellow) who died on 13 December 2019 (see obituary p. 224)

Dr Carl Sargent (U&G71) who died on 18 September 2018

Dr Sargent received a PhD degree in Parapsychology in 1979. He was an active parapsychologist in the 1970s and 1980s, best known for his Ganzfeld studies. Together with Hans Eysenck he wrote Explaining the Unexplained, Know Your Own PSI-Q, and Are You Psychic? Sargent left parapsychology in the late 1980s and went on to become an appreciated role-playing game writer.

Dr John Saunders (G76) who died in June 2020

Dr Robert Schneebeli (former By-Fellow) who died on 19 January 2019
Mr John Sharman (U65) who died on 17 October 2019

John Sharman was a founding member of Young Theatre and provided valuable technical support and encouragement when the Young Theatre at the Beaconsfield Theatre Group was set up in 1970. John participated in a number of Young Theatre productions, notably: ‘Tale of Two Cities’ (1994), ‘The Crucible’ (1995) and ‘Alice’ (2004). He also took part in ‘What Greater Glory’ (2018) for Shared Intent and was also actively involved with Beaconsfield Theatre Group over the years.

Mr Stephen Shirley (U65) who died on 11 April 2020

Professor John Shotter (former Overseas Fellow) who died on 8 December 2016

John Shotter was a psychologist who, through his questioning of mainstream ideas, influenced the direction of academic psychology and the training of psychotherapists. John won a scholarship to grammar school, but left at 15 to work as an apprentice engineer in the local aeronautics’ factory. His interests, however, were turning from engineering to psychology, and in 1959 he began a degree in Psychology and Mathematics at Birkbeck. He completed this as a part-time student over four years, graduating with a first, and in 1966, he obtained a lectureship at Nottingham University. With his engineering background, John realised that the procedures of the natural sciences were inappropriate for understanding human experience, and he wrote two books, arguing for new forms of psychological inquiry. The British psychology establishment did not respond kindly, and in 1987 John left Nottingham to take up a chair at Utrecht University. His influence can now be seen in the loosening of British psychology degrees to incorporate the sort of critical perspective that he initiated and the British Psychological Society now requires accredited degrees to teach non-experimental forms of inquiry, which would have been unthinkable when John started out.

Mr John [Gerry] Simpson (G64) who died on 22 March 2020

Professor George Steiner (former Fellow) who died on 3 February 2020 (see tribute on p. 135)
Dr David Stratton (U69) who died on 6 June 2019

When David Stratton was diagnosed with MS in 1995, he was told that he would live for perhaps 10 years, and possibly have 5 working years left. He defied all predictions by working full time for 15 more years, and lived for 24 more years. He received, posthumously, a month after his death, a Distinguished Alumnus Award from Federation University, Ballarat, Victoria where he worked as a Senior Lecturer in Computer Science until his disabilities forced his retirement in July 2010. He remained connected to the university for the nine years of his retirement, supervising student projects and supporting colleagues in their work. He was a fierce advocate for people living and working with disabilities, passionately committed to getting them out onto the trails of our national parks in Australia.

Professor Joseph Swierzbinski (G75) who died in 2020

After reading Physics at Princeton, Joe Swierzbinski studied Mathematical Statistics at Churchill and then a PhD in Applied Mathematics at Harvard. He joined the University of Washington in Seattle as an Assistant Professor of Economics and a member of the Institute for Environmental Studies. This was followed by roles at the University of Michigan and University College, London, where he was part of the team who helped design the successful 3G auctions for the UK government. He joined the University of Aberdeen as a Professor in the Economics Department in the Business School in 2005, collaborating with world-leading economists on topics spanning industrial organisation, bargaining, game theory and regulation. Here, he was a driving force behind the development of the School’s Experimental Economics Laboratory, the first dedicated experimental economics laboratory in Scotland, which he directed. Latterly, he developed research interests in cybersecurity and helped fuel the development of the School’s postgraduate programmes in energy.

Professor Kapugama Tillerkeratne (G70) who died on 16 February 2018

Professor Tillerkeratne was Emeritus Professor of Mathematics, former Vice Chancellor of University of Kelaniya, Sri Lanka.

Professor Tamás Ungvári (former Overseas Fellow) who died on 29 June 2019

Tamás Ungvári was a Hungarian writer, literary translator, critic, and literary historian. His varied career includes stints as a playwright at the Petőfi Theater,
senior research fellow at the Hungarian Theater Institute, editor of the Fiction Publishing House. He taught cultural history at the Jewish University at the Rabbi Seminary and was a visiting professor at many universities, including his time as an overseas Fellow at Churchill.

**Dr Stuart Warren** (former Fellow) who died on 22 March 2020 (see obituary p. 226)

**Mr Ian White** (U70) who died in August 2020

**Ms Ellen Wolchek** (G89) who died on 16 April 2020

After graduating from Mount Holyoke College with a dual BA degree in English Literature and French Literature, Ellen read a BA degree in Law at Churchill, followed by a Master of Laws degree at the New York University School of Law. Ellen began her career as an Associate at Holland and Knight in New York, continued on to Troutman Sanders as Partner in their London office, and later joined the Netherlands Development Finance Company in The Hague as Lead Counsel. An avid equestrian, Ellen retired from her legal career to focus on her true passion for animal welfare and rescue. She was also a polyglot, in part due to her love for travel, and spoke French, Russian and Ukrainian fluently.

**Mr Francis Young** (U77) who died on 23 April 2020

**Sir Gerhard [Jack] Zunz** (former By-Fellow) who died on 11 December 2018

Gerhard Jacob ‘Jack’ Zunz was born in Mönchengladbach, Germany, but raised in South Africa, where his civil engineering course at Witwatersrand University was interrupted by the second world war. Sir Jack was a civil engineer who oversaw the completion of the Sydney Opera House and went on to become chair of Ove Arup in London. He worked extensively with Norman Foster, with whom he became good friends.
Obituary of Robert Bousquet
By Colin Dowdeswell

Robert Bousquet was born on 27th April 1945 in Paris and died there on 13th August 2020. From his early youth, he was a natural scientist and adventurer, always willing to explore and study his beloved Mathematics, Physics, Geology, Astronomy, Botany, Music and Gymnastics. Although full of knowledge and curiosity, Robert was a humble man and always respectful of his peers and the scientific community. His study, photographic collection and passion for the wild orchids of France were unmatched. After completing his undergraduate degree in Advanced Mathematics, Robert completed his military service in 1967–1968 as a young military engineer in Tchad. It was in this role that Robert was introduced to the wealth of opportunities in the oil sector as large French and American multinational companies began actively searching for oil in the remote regions of West Africa and the Middle East.

Robert returned to France after his military service and re-qualified as a Specialist Geologist Engineer and received an initial apprenticeship as a Technician and Trainer for Seismograph Services Corp. He then worked on several projects in the UK and France for Ampex Corporation (formerly Mandrel Industries) and Petty-Ray Geophysical, before his long and successful career with Geosource and Halliburton Geophysical Services Group.

Robert was always keen to share his considerable expertise and experience and taught young engineers around the world, both in specialist geophysical training courses at Haliburton’s Houston head office and more remote locations in Africa and the Middle East. Robert was teaching young students in Iraq at the time of the 1990 Kuwait invasion and was held hostage by Saddam Hussein for several weeks. His brother Roland speaks of ‘the family’s distress and Robert’s courage and character which helped secure his eventual release’. It was this passion for teaching and the sharing of knowledge that encouraged Robert to set up the Robert Bousquet Foundation for the benefit of students of pure Mathematics at Churchill College.

Robert retired in 2000, and having travelled the world, he spent his last years
continuing to teach specialist courses in Geophysics and pursue his research at the Natural History Museum of Paris. He leaves his beloved Vietnamese born wife of 40 years Dao, his brother Roland (now living in Nantes) and his many friends and students who have in the past and will continue in the future to benefit from his generosity.

Obituary of Jim Cameron
By Fran Malarée

Jim Cameron, who was Churchill College’s and the Combined Colleges’ boatman from March 1981 until his retirement in 2013 died in June after a long illness. His sister-in-law, Norma Fowler recalled:

‘…born in Glasgow in 1948, he left school and began an apprenticeship to become a shipwright with Scotts’ shipyard studying at day release and evening classes. When he became qualified his wish was to go to sea as a shipwright. His first ship was the Binsness – he was delighted to get the job but more than a little worried that the ship was built in Scott’s shipyard and he knew where all the shortcuts were! Happily everything was fine. He sailed the world and on a trip home met Brenda and they were married in 1973 in Billericay in Essex. Then came a job in Antwerp for BP followed by a short stay in Bahrain. Back in the UK they moved to Bideford in Devon for a job at Appledore shipyard. The yard closed suddenly and they had to move to Cambridge where he worked for Marshall’s. He was made redundant leading him to a boathouse on the Cam. They say that redundancy can sometimes lead to good things and that was certainly the case. Everyone knew how much he loved it.’

As many rowers have recalled, he was welcoming to any students showing an interest in the more detailed aspects of boat maintenance, with one couple who met as rowers saying: ‘You, Jim, were a fundamental part of the enjoyment we had through the Boat Club. An extra bonus of avoiding morning rush hour was the occasional opportunity to stick our noses into your office/tea nook. It made us feel like privileged boatie insiders and was always such a lovely, cosy space.’ (Kristen Panfilio and Richard Stancliffe, G02)

There were a large number of CCBC alumni who came back to mark Jim’s retirement in 2013 of course. After his retirement he and Brenda enjoyed
holidays in his favourite places, the Algarve, the Norfolk Broads and Poole in Dorset. They stayed in a hotel there overlooking the marina and not far from Sunseeker yard. He was happiest around boats and loved nothing better than watching people making a complete hash of mooring! Sadly, he suffered a series of health issues in the last few years and his life ended on the 11 June. He will be sorely missed and is survived by his wife Brenda.

Thanks to Norma Fowler and members of CCBC for providing the information for this obituary.

---

**Obituary of Justin Champion**

by Mark Goldie

Justin Champion died peacefully on 10 June, at the Princess Alice Hospice in Esher, aged 59. Sylvia and Alice were with him. He had been living with brain cancer for six years, which he endured truly heroically and with astonishing bravura.

Justin was educated at King Edward VI Grammar School, Southampton. He took his BA and PhD at Churchill College, Cambridge. He was practically the first sixth former I interviewed for a university place when I became a lecturer in 1979. Contemporaries at Churchill included John Marshall, now Professor of History at Johns Hopkins, and Robert Iliffe, now Professor of the History of Science at Oxford.

Justin was for many years Professor of the History of Ideas at Royal Holloway, London. There he was a pioneer of the Masters programme in Public History. He appeared regularly on radio and television, an impassioned communicator of engaged history. A programme on the Great Plague won a Royal Television Society Award in 2001. Several broadcasts are available online.

Justin served as President of the Historical Association, the national ‘voice for history’, in 2014–17. In 2018 he was awarded the Medlicott Medal for outstanding services to History.

---

1 Sylvia will be happy to hear from those who knew him. sylviacartersjc@gmail.com
In 2012 he delivered the Royal Historical Society/Gresham College Lecture on Public Understanding of the Past on ‘Why the Enlightenment Matters Today’.

Justin published two monographs, three editions, and fifty essays. His first book was ‘Pillars of Priestcraft Shaken: The Church of England and its Enemies, 1660–1730’; and the second ‘Republican Learning: John Toland and the Crisis of Christian Culture, 1696–1722’. His domain might be characterised as ‘civil religion and the republic of letters’ in the Early Enlightenment … or should that be, in the Late Reformation? An edition of Hobbes on Heresy and Church History, co-edited with myself, will appear posthumously. In recent months he was working with customary enthusiasm on a new project on the eighteenth-century republican and bibliophile Thomas Hollis.

A Festschrift is in preparation, under the editorship of two former doctoral students Katherine East and Alex Barber, to be published by Boydell. Justin knew that this was under way.

Justin was a brilliant scholar, teacher, and communicator, a zestful and charismatic presence, a generous colleague and mentor, and a loving friend.

Obituary of Tom McKendrick
By Gabriel Huntley, Daniel Byrne and Antonio Weiss (all U05)

Tom McKendrick, an Economics undergraduate at Churchill between 2005 and 2008, very sadly died in an accident while travelling in January. Tom thrived at Churchill. Quickly gaining the nickname ‘Party Tom’, his fondness for fun didn’t inhibit him achieving the third-highest First in his year, winning the prestigious Adam Smith Memorial Prize for best dissertation (using Championship Manager to model the football labour market: a fitting exposition of his brilliance, creativity and light-hearted touch).

---

2 You can watch this: https://www.gresham.ac.uk/lectures-and-events/why-the-enlightenment-still-matters-today.
Tom also had an insatiable wanderlust: after taking the Trans-Mongolian Railway at eighteen he never looked back. Whether trekking Everest, overlanding Pakistan to Iran or cycling the Americas over a year and a half with his beloved partner Charlotte, Tom’s curiosity was matched only by his physical fitness. He combined this with a successful career as a competition economist. Starting at FTI, he later worked at the Office for Fair Trading and KPMG, working on major transactions across different sectors and highly regarded by all colleagues.

He achieved so much, so young, but Tom excelled at friendship the most: he will be enormously missed forever, leaving behind partner Charlotte, parents Tony and Liz and sister Charlotte. Please consider donating to World Bicycle Relief in Tom’s memory.

Obituary of Professor Andrew Palmer
By Michael Bolton

Andrew Palmer FREng, FRS, FICE was a world-leading expert on pipeline engineering, designing them to be laid in the harshest of environments – whether on Canadian permafrost, beneath the Arctic ice, or in coastal waters subject to soil liquefaction under storm waves.

Andrew first joined the College in 1967, serving as a Teaching Fellow for eight years and a University Lecturer in Engineering in the 1970s. He then moved into industry, as a consultant engineer specialising in pipeline technology, in particular in the Arctic. In 1996 he returned to Cambridge as Jafar Research Professor of Petroleum Engineering, and was elected first to a Title E Fellowship (1996–2001) and then to a Professorial Fellowship (2001–5).

Between these academic appointments he had worked in the Netherlands with pipeline consultant R. J. Brown & Associates before founding Andrew Palmer & Associates in London where he developed novel designs to withstand the thermal movements of pipelines carrying hot oil from subsea wells.

Upon his retirement from the University in 2005, the College elected him an Emeritus Fellow in recognition of his contribution at different levels over a long period.
Following retirement from Cambridge Andrew sought new challenges and was appointed Keppel Chair in Offshore Engineering in the National University of Singapore. He also created Bold Island Engineering (Singapore) Ltd to pursue his consultancy and expert witness interests. Andrew enjoyed the can-do attitude prevalent in Singapore and he and Jane stayed on after his ultimate retirement from NUS in 2015. Whether as a consulting engineer in industry, or as an academic with strong industry links, his motivation was to develop elegant solutions to pressing practical problems. These solutions were typically based on the fundamental principles of mechanics which he had learned as a student of the Cambridge Mechanical Sciences Tripos in the 1950s and during his PhD at Brown University in the 1960s.

Obituary of David Rose
By David Secher (U67 and former Fellow)

David Rose, who died aged 70 on 18th September 2019, studied Natural Sciences at Churchill from 1967–70. Raised in Manchester, the eldest son of acclaimed food writer Evelyn Rose, he attended Manchester Grammar School, which provided Churchill with several undergraduates in the 1960s.

David was an enthusiastic member of the Churchill May Ball Committee, responsible for the food and wine following the family culinary interest. David was my supervision partner for Part IA Chemistry, but I fear the excellent teaching of Dudley Williams, Mike Pilling and others was largely wasted on us! Whilst at Churchill David met his wife Andrea.

On graduating, David studied for an MBA at London Business School and went on to work in industry before setting up his own consultancy, Innovation Associates, to support entrepreneurs and start-ups. David was a member of the City Livery Company of Fuellers, where he set up the Communications Committee and was due to join the Court. He was an enthusiastic dinghy sailor and a keen member of the Welsh Harp Sailing Club, of which he had been Commodore.

In the address at David’s funeral, his brother Alan described how they had become close again later in life and had together looked after ailing family
members, with David showing a caring, unflappable and pragmatic approach to problems.

David suffered from stomach cancer for the last 15 months of his life, coping in his usual calm and practical way. When I last met him at a Caius benefactors’ party shortly before he died, he neither spoke of his illness nor showed any sign of it.

David is much missed by his wife Andrea, their daughter Hannah, his siblings Alan and Judi, extended family and many friends.

---

**Obituary of Dr Ronald Ryall**

*By Ken Siddle*

Ron Ryall first joined Churchill College as a Title A (Teaching) Fellow in Pharmacology in October 1973 and held his Fellowship until his retirement in 1999, when he was elected a Title D (Pensioner) Fellow. As well as teaching Pharmacology to generations of medical, veterinary and natural sciences students, he served the College as Praelector between 1981 and 1988 and as an Undergraduate Tutor for 5 years from 1994. He lived in Hedgerley Close, where the medieval conduit that supplied water to the Trinity College fountain ran through his garden.

Ron obtained his BSc in Biological Sciences from the University of London in 1953 and began his career working as a research pharmacologist with May and Baker in Dagenham. In 1961 he moved to the Australian National University in Canberra as a Research Fellow in the Department of Physiology, where he obtained a PhD for work on ‘Mammalian synaptic transmitters and the pharmacology of central cholinceptive receptors’. After a short period as a Visiting Fellow at the University of Gothenburg in 1964/65, he returned to Canberra for a couple of years, before moving to the Albert Einstein College of Medicine in New York, where he was head of the neurophysiology research laboratories of the Montefiore Hospital and Medical Center. Then in 1972 he came to Cambridge to take up a University Lectureship in the Department of Pharmacology, remaining there (apart from a brief sabbatical in Zurich in 1979) until he retired from his University position in 1994.
Within the Department of Pharmacology, Ron was the acknowledged expert on neuropharmacology, the field within which his major research interests lay. He lectured on this topic over many years and had a reputation for setting challenging Part II projects. He was the author of a widely used textbook, Mechanisms of Drug Action on the Nervous System, first published in 1979 by Cambridge University Press with a second, revised edition in 1989.

Ron's first research paper, published in 1956, concerned the pharmacology of chlorpromazine, one of the first drugs used to treat schizophrenia. Further papers over the next eight years addressed the mechanisms of action on the central nervous system of various neurotransmitters, some of which had only recently been discovered, such as substance P and 5-hydroxytryptamine. He also studied the effects of centrally acting drugs. At that time, almost nothing was known about how these compounds affected brain function, even though some were widely prescribed, for example to treat pain (morphine) and depression (imipramine). Notably, of the 12 peer-reviewed papers Ron published between 1956 and 1964, before obtaining his PhD, 7 were single author and no fewer than 5 were in Nature, which was then, as now, one of the foremost international journals reporting the most topical and innovative science.

Ron became best known for his pioneering work on the physiology and pharmacology of Renshaw cells, published between 1964 and 1981. A visiting speaker at the Department of Pharmacology in the late 1970s even suggested that in light of Ron's contributions these cells should be renamed Ryall cells! Renshaw cells are inhibitory interneurons found in the grey matter of the spinal cord, which control the activity of motor neurons by a 'negative feedback' mechanism. The importance of this process is seen when Renshaw cell function is inhibited, for example through the action of tetanus toxin, which selectively inhibits neurotransmitter release from Renshaw cells, bringing about the characteristic features of tetanus – powerful generalized muscle spasms, causing a locked jaw, a stiff neck, an arched back and rigidity of the calf muscles.

Ron's research output tailed off in the 1980s, though in the latter part of his career, he rekindled his interest in the mechanism of action of morphine. Departmental colleagues from those days recall that Ron spent a huge amount of time writing computer programmes to run his electronic equipment, to the detriment of his experimental work. He would sometimes undertake
late-night experiments, from which his cigarette smoke pervaded the lab next morning. During one such experiment Ron suffered a heart attack, but fortunately in those days the Department was situated on the Addenbrooke’s site, and a medical colleague who was working with him was able to ensure he received swift attention.

Following his retirement Ron was not often seen either in College or in his former Department, though he remained very active in the Mental Health Act Commission and in the Schizophrenia Society and other charities. He is fondly remembered both in Churchill and the Department of Pharmacology as an affable and generous colleague and a most conscientious supervisor and tutor who was tireless in his support of students.

Obituary of Stuart Warren

By Revd Canon Dr Peter Jenner (U&G74)

Stuart Warren was the most gifted teacher at whose feet I ever had the privilege to sit. Here are a few thoughts from a plethora of memories of him.

Stuart had an uncanny knack of knowing exactly what one needed in order to further one’s own individual learning. On one occasion he asked us to write an account (calling it an ‘essay’ would have been going too far for us chemists!) on ‘How do we know an SN2 reaction does not take place at an SP2 carbon?’ The only feedback he gave me on that homework was one comment of three words; he wrote at the end of my effort, ‘I remain unconvinced’ and left it at that. Those three words were a stroke of genius! I spent the next few days thinking, ‘Actually, I wasn’t convinced either’, went back to the question and sussed it out eventually. Years on, I related that to an academic in my current University who said, ‘We can’t get away with doing things like that anymore!’ But Stuart was not ‘getting away with’ anything. What he did was exactly what I needed in order to have confidence in my own ability to work things out, to stretch myself and to carry on learning how to learn. His knack of knowing exactly what students needed was beyond our comprehension. On other occasions we would ask a question and he would give us the answer straight away; he knew when we undergraduates were not going to get there on our own. His was a remarkable gift.
Stuart had a head start when it came to impressing many of us whom he taught; we were in awe of his spin bowling. Very occasionally we persuaded him to turn out for the Chemistry Department cricket team in the University league. This was far below his natural standard but he always took every match very seriously and, without saying anything, raised the performance of the rest of us merely by his being on the team. It was thanks to Stuart that the Part II Chemistry Tripos Class-List of 1977 first became public at the Churchill College sports pavilion during the tea interval of a cricket match between a Chemistry Department staff XI (captained by Stuart) and a final year student team!

In his interview for The Sceptical Chymist Stuart was asked what he would like to have been had he not become a chemist; his answer: ‘a professional cricketer, but I wasn’t good enough, [or] I suppose an actor, a novelist or an Anglican minister.’ He was an inspiration in the lab and lecture theatre and on the cricket field; if his calling had been otherwise he would have been an inspiration on the stage, behind the page or in the pulpit too. He had many talents and was a lovely person.

Stuart gave one key piece of advice to some of us whom he had taught as undergraduates. When we became research students and began University teaching ourselves, Stuart told us, ‘By far the most important thing is to be encouraging. If you can’t think of anything else to say, tell them you like the way they draw their diagrams.’

I have always tried to live by Stuart’s advice about offering encouragement. For me he epitomises the way in which students never forget the positive impact academics have through encouraging learning and much else. I also try to make students realise that teachers sometimes need a word of encouragement too; they should tell them that their lecture was interesting, that they have just bowled a fantastic over or, just occasionally, that they like the way they draw their diagrams.

Thanks, Stuart, for the encouragement you gave to so many of us.
