

Review



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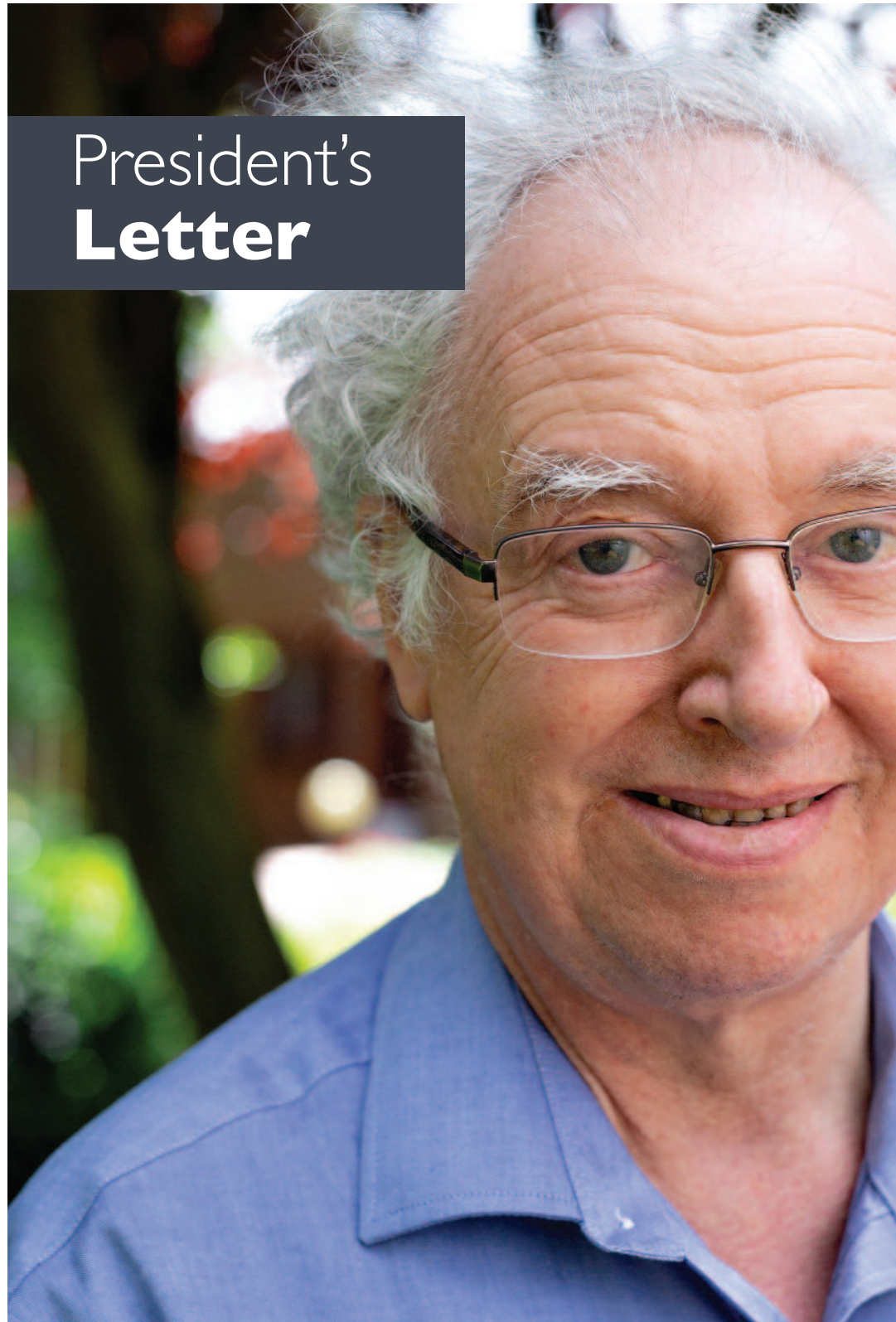
It has been a privilege to edit the Clare Hall review for the last two years. Now, however,

the time has come to relinquish the editorial hat. My thanks are due to the many willing contributors who met all the editorial deadlines (and to those who hid from me as they loomed). I am grateful to Catherine Wise and Paul Williams for technical support and to Margaret Deith (LM) for her meticulous attention to detail as a sharp-eyed proofreader. Jo Dowling at Cameron Graphics has worked miracles to transform reams of copy into the dynamic issue that is this year's Review. Grateful thanks to all of you.

Bobbie Wells

Cover by courtesy of the artist, Jake Attree

President's Letter





By the time this issue of the Review hits the metaphorical news stands I shall have entered onto my last year as President, but it is not yet time for a retrospective. It is still a time to look forward as perhaps the most distinctive college in Cambridge.

Distinctive we may be, but that does not mean that we have a high profile except as being the college which is known around the University as a friendly and informal community that keeps itself to itself except when hosting major events like that the Tanner, Ashby and King Lectures. A high point in the year for me came when I was sitting next to the Head of a large college waiting for a meeting to start when I injudiciously suggested that small colleges were almost inevitably dysfunctional, to receive the reply, 'Well, Clare Hall certainly isn't.' We may not be a wealthy college – if you believe what you read in the papers we are the poorest in Oxford and Cambridge – but we cut our coat according to our cloth and we aim to do what we can do as well as we can do it.

Another occasion when we hit the front pages, at least of the student newspaper, was when the Governing Body voted unanimously to disinvest from fossil fuel companies over the next five years. The student body had been pressing for this, as quite generally across the University, and they found that they were pushing at a wide open door. To some extent this is a symbolic gesture, but symbols have meaning, and our raising our heads above the parapet was not greeted by a volley of gunfire so much as by an outbreak of cheering.

The next step, the reduction in our carbon footprint, is going to be more difficult. We cannot expect our very international body of students and Life Members to give up using planes to cross the Atlantic in favour of airships or balloons propelled along by the jet stream, but we are looking hard to see what we can do. As a first major step we will aim to make the new building we are planning in the garden of No. 4 Herschel Road carbon neutral so far as is possible. It is a very ambitious aspiration, but we are trying to bring together the expertise which is in the University and outside (including that of our own Vice-President, Alan Short) and make it available to the architects who have expressed their willingness to face up to the challenge. If any reader knows a philanthropist or foundation who would be interested in an association with what may well be the most exciting and forward-looking building project in a city full of building projects, please contact the Development Director.

David Ibbetson
President

Bursar's Report



Occasionally I am asked what the role of the Bursar is at a Cambridge College. My corporate-speak response is that if the President is the CEO, then the Bursar is the Chief Operating Officer. However, I usually add that another way of defining the role is that if anything goes wrong in College other than in the Student and Tutorial Office, then it is probably the Bursar's fault.

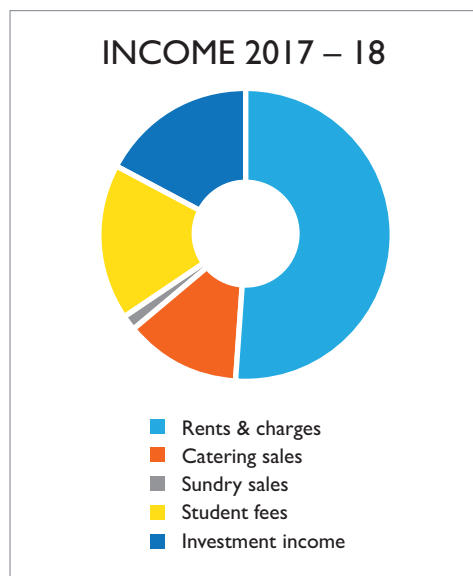
Risk management is an important aspect of the job, particularly as we are a relatively small team, with limited capacity for specialist resource. Therefore we have made some very wise decisions on accessing external specialist knowledge and skills, in areas such as IT, catering, investment management and HR.

These are worrying times for the university sector in the UK in general, and colleges face some financial uncertainty. I believe that Clare Hall is fortunate in being less exposed than many to some of the current risks. I would like to highlight three in particular. Firstly, as an exclusively graduate College, we will not be exposed to the risk of reductions in fees which may be recommended by the current review of undergraduate funding. Secondly, we do not have an over-reliance on fee income in our budget, with only approximately 17% of our budgeted income in 2018–2019 being student fees. We are therefore well placed to absorb fluctuations in student numbers without a significant impact on our ability to deliver our core services to students. And, thirdly, we do not have an extensive portfolio of accommodation which we need to fill. In fact, we have strong demand from students for additional rooms, which is a key factor in mitigating the potential risk of the proposed development of a residential building for students at No. 4 Herschel Road.

Financial update

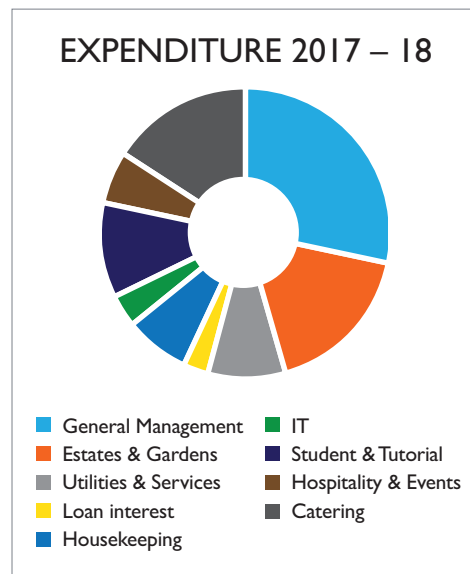
The annual report and financial statements for the year ended 30 June 2018 are available on the website at: https://www.clarehall.cam.ac.uk/files/Clare_Hall_accounts_2018.pdf

The 30 June 2019 Report will be available in November. Our objective for the income statement continues to be to maximise our income, whilst maintaining tight control over expenditure. It is again pleasing to report that we continue to make good progress on revenues, with our total income in 2017–2018, before donations and endowments, increasing by £257,000 (8.2%) from 2016–2017. The chart below shows the sources of our income, with approximately half from accommodation charges, and the balance split relatively evenly from fees, catering and investment income.



However, our total expenditure has also increased, from £3,599,000 to £3,914,000 (8.8%). In addition to inflationary pressures on costs, this is reflective of our ongoing

commitment to invest in students and research, and to continue to maintain and improve the quality of our estate.



Together, this slightly reduced the annual deficit on unrestricted general funds from £196,000 to £166,000. Our two principal sources of revenue, student fees and investment income, are relatively fixed, although we are anticipating some reduction in the returns on investment in the medium term. We see an opportunity for increasing the net revenues from catering, with investment in our hospitality offering, and we are taking a number of actions during 2018–2019 to develop this income stream, including refurbishment of the Richard Eden Suite and the retendering of our catering contract. We have unique, attractive facilities, and a reputation for excellent catering, and we wish to build on this by attracting more guests who can both experience events at Clare Hall and generate additional revenues for us.

The balance sheet at 30 June 2018 benefited from an unrealised gain in the valuation of

our investments, and at the year-end we had net assets of £34.5m (2017 – £32.7m), of which £22.7m is represented by restricted reserves. We undertake regular monitoring of our cash flows and gearing to ensure that we have sufficient funds available to meet current requirements, and that we are in compliance with our banking covenants. The forecast position at 30 June 2019, currently subject to audit, and our budget for 2019–2020 are both consistent with the direction and strategy explained above.

Current priorities

During 2018–2019 we have been working on the implementation of three priorities in the estate action plan. Firstly, we have an ambition for the Common Room to become the hub of the College throughout the day. We have completed a refurbishment of the area, and we continue to improve the facilities and environment. Secondly, as noted above, we have refurbished the Richard Eden Suite as an events destination. And, thirdly, and most importantly, aligned with our key strategic priority of providing additional student accommodation, we are progressing with the development of the property at No. 4 Herschel Road. Providing high quality facilities is key to supporting our existing students, and in enabling us to continue to attract the best students and Visiting Fellows in the future.

Finally, I would like to express my personal thanks to all of the College staff, who give an exceptional level of commitment to working at Clare Hall, and to the students on the GSB, who it has been a pleasure to work with. We are a small team at Clare Hall, we each have our part to play, and I continue to be exceptionally grateful for all the support that the Bursar receives as we do what we can for Clare Hall.

Ian C. Strachan
Bursar



It has been an exciting year, with a lively body of students from all over the world, and a very active and engaged GSB. The academic year began with a very special Matriculation ceremony, with a new Matriculation book signed by everyone. Throughout the year students and Fellows enjoyed gathering for Student-Fellow dinners, seminars, graduations, and a dinner for PhD students and their supervisors.

From the **Tutorial Office**

The Tutorial Office has been especially busy. Our thanks to Djamila Le Pair who finished last summer, and to Irene Hills for generously helping us through a transition period. A warm welcome to Becky Williams, our new Tutorial Administrator.

Trudi Tate, a Tutor since 2001, has taken on the newly created role of Assistant Senior Tutor, working closely with Becky and the Senior Tutor, Domestic Bursar, and Housekeeper, as well as meeting regularly with students. She helps oversee accommodation matters and looks after the bursaries and awards. Outside Clare Hall, Trudi teaches English literature for the English Faculty and for many colleges.

Our warmest thanks to Dr Jehangir Cama for his excellent work as a Tutor. Jehangir has moved to a Research Fellowship at the University of Exeter. We are pleased to welcome Dr Tobias Baldauf as a new Tutor. Tobias is a Stephen Hawking Advanced Fellow at the Department for Applied Mathematics and Theoretical Physics and is an avid photographer, road cyclist and proudly rows with the Clare Hall Boat Club.

In other Tutor news: congratulations to Dr Yi Feng on her new baby; to Dr Rosie Luff on her book on the impact of Jesus in first-century Palestine; to Dr Annamaria Motrescu-Mayes for her two recent books about film; to Dr Trudi Tate for her book on the Crimean War; and to Senior Tutor Dr Iain Black for his co-authored book on the history of Historical Geography at Cambridge, 1888-2018.

We are pleased we have been able to help a number of students with part or full funding for their degrees. We are enormously grateful to our donors for their support for student funding. In June 2019, we held a reception to celebrate our students' awards and to thank our donors, near and far. We also thank Dr Annamaria Motrescu-Mayes for her stewardship of these awards in the past.

We are very grateful to Life Member Ivan Jankovic, who is kindly funding an MPhil studentship and a PhD studentship, and to our many other donors who support awards, prizes and bursaries. We are particularly fortunate to have a special fund to support our students' research. The late Professor Denis Boak of the University of Western Australia left a generous bequest in his will. This allows us to provide full funding for an MPhil student, and also to support the research of many Clare Hall students each year. Some recent Boak recipients include:

- Amy Batley went to Bogota to research urban security and counterterrorism.
- Garrett Bray visited Silicon Valley to study business models and sustainability outcomes for Connected Autonomous Shared Electric vehicle fleets in cities.
- Alice Krozer presented a paper in Toronto on perceptions of inequality among elites.
- Samer Kurdi presented a paper at an international conference on New Magnetic Materials.

- Elinor Lieber interviewed inmates in a British prison, to learn about friendships and support between prisoners.
- Sigrid Lupieri organised a conference on Refugees and Displacement at Clare Hall.
- Rashel Pakbaz undertook ethnographic research on the music of the Assyrian Church of the East in Iraq and Turkey.
- Luca Passamonti presented his work on Alzheimer's Disease at a Brain Mapping conference in Singapore.
- Viviana Pupeza travelled to South Africa to research the social history of the railways in Cape Town.
- Chakrita Paulina presented a paper on Luke's Gospel at a conference in Helsinki, and took an intensive course in German language in Tübingen.
- Peter Sutoris presented a paper on 'Activism, Slow Violence and Schooling' at the Comparative and International Education Society conference in San Francisco.
- Leonard Ng Wei Tat presented papers on graphene inks at two conferences.

Our sincere thanks to the Boaks for this wonderful resource and our warm thanks to you all for your support which makes a huge difference to our students.

News from our Development Director

2018–2019

Thank you all – you have really done it this time! In 2016 we celebrated the fiftieth anniversary of our founding in 1966 and launched an ambitious fundraising campaign to raise £3 million for Clare Hall. I am delighted to report that we reached this goal earlier this year – all thanks to your support and generosity. Fundraising for a small college like Clare Hall is not easy, especially when our alumni are spread worldwide but you made your feelings for the College known and we are immensely grateful to you all.

Your donations have already made a visible difference to the College, as well as in ways that may not always be obvious, such as in increased student support and bursaries. We are currently writing our donor report with detailed results for you to read.

Last year we hosted our second annual reunion of former students, Fellows and Visiting Fellows to celebrate the era of Robert Honeycombe's presidency (1973–1980) with a wonderful summer lunch in the Richard Eden suite. John Saffell recalled memories of life as a Clare Hall student and Professor Lindsay Greer, Head of the Department of Material Sciences and Metallurgy, spoke about Robert Honeycombe and his research.

This era was, of course, at the height of the 1970s and we saw photos of people with flared jeans and shaggy hair shared around the table! A short video was recorded for those Life Members who were unable to attend which can be accessed on the Clare Hall YouTube channel (www.clarehall.cam.ac.uk/publications-and-communications).

We are also very grateful to those of you who have participated in our other events in Cambridge and elsewhere. We met many of our Italian members in July 2018 for a day of talks by fellow Life Members in Tuscany, thanks to our host, Professor Nicola Dimitri at the University of Siena. Our Spanish members organised a fantastic day conference and tour in Salamanca in September and we are grateful to Antonio Lopez Sanchos from the University of Salamanca who made it all possible. There were also Life Member meetings in Hong Kong, Tel Aviv, London, Stockholm, Vancouver, New York, Sydney and Melbourne.

In December we held our annual Carol Service at the historic church of St Mary-le-Bow in London and were delighted a large congregation of Life Members and friends joined us for carols and drinks afterwards.

We are very keen to bring our Life Members together in ways and places that are of genuine interest and benefit. If you have suggestions or would like to work with us to organise an event please get in touch.

Clare Hall Connect

We are delighted to invite you to join Clare Hall Connect, the official networking platform for Clare Hall Life Members. This is an exciting venture for the College, allowing our Life Members around the world to connect and to facilitate mentoring and networking opportunities.

Clare Hall Connect enables you to reconnect with friends and colleagues who were part of the College during your time or to offer your expertise and careers advice to our graduate students. You can also expand your connections to find people where you live or in your field of study.

Sign up at: www.clarehallconnect.uk.



Donors 2018-19

We gratefully acknowledge the following individuals and organisations for their generosity during the 2018-19 financial year. We also grateful to those donors who wish to remain anonymous, have given gifts in kind, or made a bequest to the college.



Lee C. Bollinger, President, Columbia University and Jean Magnano Bollinger, Artist outside the Bollinger Suite in November 2018.

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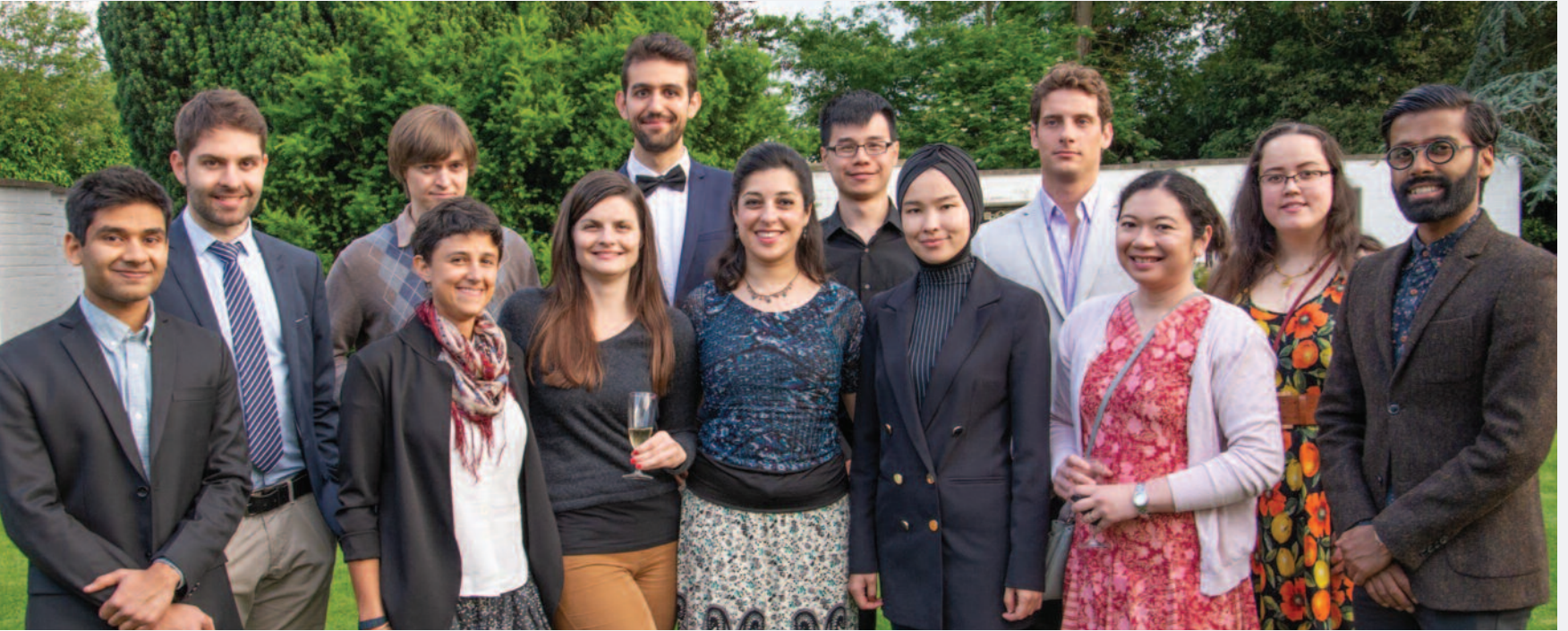
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Hanna Roos
Margaret Rose
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Stephen Stahl
(in memory of Richard Marley)
Wesley Sundquist
Stephen Tanner Irish
Paul Timans
Brian Walker
Kevin Weeks
John Wells
Kotaro Yamabe
Jeffrey Zacks

**Recently deceased*





Graduate Student Body

We began planning Freshers' Week in the summer to welcome new Clare Hallers into our bustling graduate community. A 'buddy-system' for new students assigning them to welcoming groups, with names like the Ginger Giraffes, Pink Panthers or Golden Geckos, was led by volunteer PhD students and post docs and our freshers were introduced to traditional Cambridge activities, such as punting on the River Cam and walking to Grantchester for afternoon tea.

At the Societies' Fair students discovered how to get involved with Clare Hall clubs and societies as well as the 'Welcome to 1966' formal, a reference to the year in which Clare Hall was founded. Such initiatives heralded an exciting year ahead!

The new Graduate Student Body (GSB) Committee carried forward some of the projects initiated by the previous GSB Committee: we now have gender-neutral toilet signs in the ALB and Clare Hall flew the Pride Flag for the month of February in recognition of LGBT+ History Month. Since introducing new goals we have been even more closely involved in College life.

Together with Marno, the GSB President Vice-President, I have worked closely with College committees in voicing students'

perspectives and needs. We now have a Student Body Photo Wall near the door to the Fellows' Garden, so that we can recognise current Clare Hallers. Our concern for student welfare has led to a greater focus on graduate mental health and the College is working towards appointing a counsellor available for any member of the Clare Hall community. The Committee showed its concern about *Prevent* duty in colleges by signing CUSU's open letter. *Prevent* is a national counterterrorism system that includes monitoring students for signs of 'political radicalisation'.

GSB officers joined other representatives from College committees in selecting architects for the development project at No. 4 Herschel Road and in meetings concerning the re-tendering of the College catering contract.

I organised a Lunar New Year celebration focusing on Chinese New Year and we welcomed the Year of the Pig with typical decorations, a Lantern Workshop and a Wishing Corner, using traditional red envelopes. Marno organised the Clare Hall Contributors' Pizza Party to celebrate student achievements for the College during this academic year. As the President of the Clare Hall Boat Club, he also planned a Boat Race Viewing Party and as President of the Chess Club he regularly invites College members to chess games in the Common Room.

Our amended Constitution now permits our budget to be approved online and the 'Clare Hall Fossil Free' student group led a vigorous and successful campaign to divest the College investments from the fossil fuel industry within five years (reported on p.16). Our Easter Term full-day graduate conference, 'Clare Hall Reflects' has led to

a long-term plan to establish a graduate mentoring scheme in collaboration with College postdocs.

The GSB Welfare Officers have worked hard to improve student wellbeing with small yet meaningful gestures, such as celebrating Sleep Day where they placed gifts of calming tea and ear plugs in student pigeonholes, and wider interventions, such as putting together the successful Mindfulness Workshops and a Massage Event. The GSB Equalities Officers have focused on awareness of sexual harassment and the Living Wage Campaign. The GSB Sports Officer gave a Salsa Dance Workshop and also formed a basketball team and students have taken part enthusiastically in cricket and rowing.

The GSB Social Officers organised a 'Murder Mystery Formal' together with other intriguing events such as the Mad Scientist Halloween Party and the Ugly Sweater Christmas Party. To accompany our festive mood, the GSB Arts and Music Officer has acquired new instruments for the ALB music room and organised our popular Jazz Formals. Our graduate students in Music have been very active; Ben de Souza has led a student choir and Mariam Nazarian has been giving piano lessons to College members of all levels of experience.

Our July Garden Party on the theme of 'Lost in Wonderland' took advantage of all this music talent as we partied under clear blue Cambridge skies.

The GSB External Officers have regularly arranged formal swaps with other colleges and students from St Cross, our sister college in Oxford, visited us in the Michaelmas Term. We look forward to a return visit to St Cross.

We thank Andrew, the GSB Secretary, for publishing our weekly bulletins and keeping our minutes, and the House Representatives who have been patiently keeping our houses in running order. Clare Hall student societies have done an amazing job in creating opportunities for students to grow, in the academic, social and personal sense. An immense thank you is due to this year's GSB committee members who have pushed for change in so many ways, enriching the experience and wellbeing of our Clare Hall student community. Here's to an even greater year ahead!

Mariana P. L. Pereira

Members of the Graduate Student Body Committee 2018-2019

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Vice-President
Treasurer
Secretary
Social Officers
Welfare Officers
Fellows-Students Interaction Officer
Green Officer
External Officers
Equalities Officers
Arts and Music Officers
Information Technology Officer
Sports Officer

Mariana P. L. Pereira
Marno van der Maas
Emily Goodacre
Andrew Eslich
Simone de Rijk and Tim Coorens
Viktoria Kabel and Anujan Poologaindran
Nick Stember
Logan Malik and Emily Morison
Viviana Pupeza and Warren Pan
Aldo Kempen and Casper Gelderblom
Gianmarco Raddi
Ivan Mouraviev
Marcel Hinsche





College Greening

The Clare Hall community has been strongly engaged in sustainability issues this year. In March, the College took important action in the fight against climate change by agreeing to divest from fossil fuels, making Clare Hall among the first colleges in Cambridge to do so. Clare Hall will withdraw its direct investments in fossil fuel companies within the next three years and will withdraw its indirect investments in fossil fuel companies within the next five years. The College's decision followed a student campaign led by 'Clare Hall Fossil Free' (CHFF), with great concern about the issue among students, Fellows and staff alike. Professor Peter Wadhams (EF) spoke on the effects of climate change at the launch of CHFF's divestment proposal. Students and College staff are now working together to formulate a responsible investment policy, consistent with fossil fuel divestment and other ESG (environmental, social and governance) factors.

The GSB introduced food waste bins into all shared student housing, initiating a four month trial of student-led composting. A volunteer from each house is responsible for ensuring that bins are emptied regularly into the College's communal food waste bin and thus all students share responsibility for making the trial work. It has proved to be very successful and we hope it will become a permanent feature of student life.

The College has also participated in Green Impact 2019, a University-wide initiative aimed at helping departments and colleges to enhance their sustainability practices.

In the coming months we hope to implement a plan for the College to achieve net carbon neutrality by a specified time before 2040. Not only is this consistent with similar efforts taking place across the University but it would also enhance Clare Hall's role as a leader on climate action within the Cambridge community. Significantly, no other college has yet made such a commitment.

Logan Malik and **Emily Morison**
(GSB Green Officers)

Feeling the heat

Chris Hope is a climate change policy researcher who has been a Clare Hall Fellow since the late 1980s and for six years was the College Resident Fellow with his wife, Elaine, and their family. Recently retired from the Judge Business School, having 'hung up his abacus' (as described by his son Mat, editor of DeSmog UK), Chris's contribution to climate change policy has been crucial. In the 1990s he developed the PAGE (Policy Analysis of the Greenhouse Effect) model which was a unique combination of the science and economics of climate change, used by the UK government in the influential 2006 Stern Report on the economics of climate change, and by the US Environmental Protection Agency to set a price on carbon dioxide emissions.

Chris is an academic, not an activist, but his voice on this urgent matter of global concern in a compelling one.

The 2018 UK heatwave prompted me to write this short summary of where we are now and what we can do about climate change. Scientists say the heatwave scorching the UK, northern European Europe and Japan was made more than twice as likely by climate change, as was

the last major European heatwave which killed tens of thousands of people in 2003.

Climate change is caused by our emissions of greenhouse gases, mainly carbon dioxide and methane, and by the destruction of forests. If we carry on burning more coal, oil and gas, and eating more meat, the world will be much warmer by 2100.

The climate is complex. Feedbacks from clouds, from melting arctic ice, and from thawing permafrost, means that scientists don't know exactly by how much the world will warm up by 2100. But if we carry on as we are now, babies born in the UK today will grow old in a world that is between 3 and 5°C warmer than when their grandparents were born. Now that we are seeing how serious the impact of a 1°C rise can be it's no surprise that more and more people are convinced that we shouldn't allow the temperature to rise by 3°C or more.

So how do we stop it? We cut our emissions by about 80% by 2050. This sounds like an enormous transformation but there is one simple measure that will get most, if not all, the way there, and cheaply, and that is by charging people and companies for the harm that is caused by their emissions. In other words, we adopt the 'polluter pays' principle. It means having a climate change tax that is strong, comprehensive, rising over time, and crucially, allows other taxes to be greatly reduced.

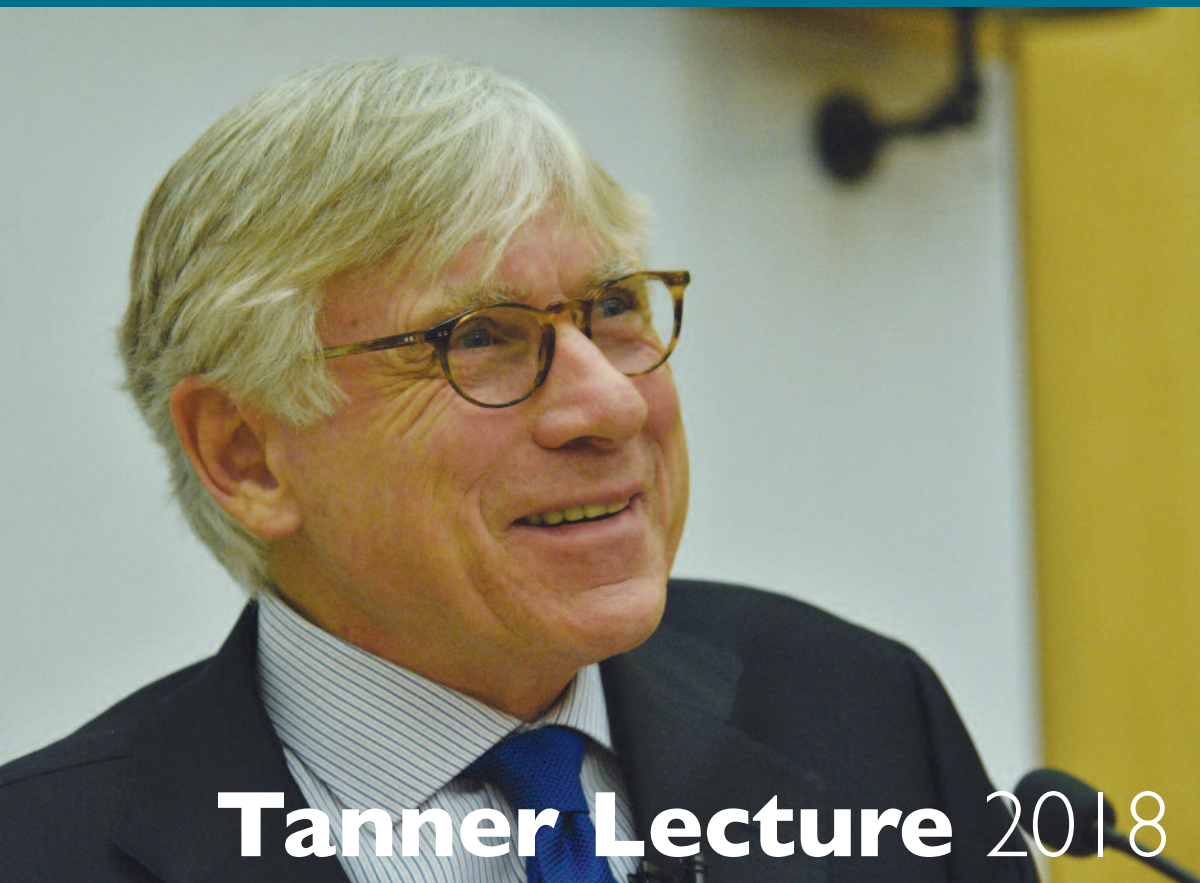
No one likes taxes and that is why this last condition is so important. The tax should



start at about £100 per tonne of carbon dioxide, should apply to all emissions, and should increase at about 3% above inflation each year. This would allow income tax to be reduced from 20% to 15%, with money left over to protect the poor and to fund basic research. We would move away from taxing things we wish to encourage, like jobs and supermarket purchases, to things we desperately need to discourage, such as pollution. The economy need not suffer and, indeed, should grow more strongly. Other countries, observing this, would follow our lead. With a climate change tax, the deadly threat of a rapidly warming world can be averted cheaply, and everyone wins.

A fully referenced version of this article can be found on Chris's blog, 'Keeping an eye on climate policy' at <https://www.chrishopepolicy.com/>

Chris Hope (EF)



Tanner Lecture 2018

Professor Lee Bollinger, President of Columbia University and a distinguished lawyer, gave the 2018 Tanner Lecture on the theme of the Free Speech Century. He began by citing the US Constitutional First Amendment: 'Congress shall make no law... abridging the freedom of speech, or of the press'. His first lecture, on the recent past, covered the various interpretations of this statement through the trials and tribulations of the last century, including the periods of McCarthy repression of the 1950s and the anti-Vietnam war protests of the 1960s and 1970s.

His second lecture addressed the present and future, raising three important questions. Should the legacy of the last hundred years be continued and where will it lead, given the

current political and global trends towards authoritarianism? What should be our approach to the rising importance of the Internet and its component elements which are increasingly perceived as dominating the public forum? What are we to make of the fact that the modern world is increasingly interconnected and interdependent, producing problems that can only be dealt with via collective international action, using a new global technology to serve as a global public forum but with different (and possibly competing) ideas of free speech and a free press? He suggested that these three questions would shape our understanding of what is meant by free speech in a globalised world. Professor Bollinger made reference to President Trump who, he argued, has generated a level of demagoguery comparable to that of the McCarthy era.

Analysing 'the tactics of this strand of politics' in terms of 'a call for a particular identity... a claim that this identity is under threat' together with a demonisation of the press as 'enemies of the people', Professor Bollinger maintained that 'the only thing that stands between full authoritarianism in the United States and where we are at the moment is the Rule of Law which fortunately for now remains strong'.

He concluded that the first one hundred years of free speech in the United States was 'instructive as an experiment in the



evolution of "human values", the broad subject of the Tanner Lectures'. This experiment has not always succeeded, he said, and is now being tested again by new threats posed by persecution from a transformative new technology of communications as well as 'by a shrinking world that needs all the discussion and understanding it can muster'.

The respondents to the lectures were Professor Rae Langton, Knightsbridge Professor of Philosophy at the University of Cambridge, Professor John Powell from the University of California, Berkeley, and Professor Fred Schauer from the University of Virginia (who contributed via Skype).

David L. Gosling
Life Member and former Spalding Fellow

ASHBY LECTURE 2019



Professor Norman Davies, Honorary Fellow at Clare Hall and St Antony's College, Oxford, and Professor Emeritus of University College, London, gave the 2019 Ashby Lecture on the theme: 'D-Day to Brexit: the strange case of British attitudes to Europe'. Explaining to a packed and enthusiastic audience in the Law Faculty that he had initially declined the invitation to give the lecture on the grounds that 'everyone is sick to death with Brexit', Professor Davies presented a brilliant analysis of events in Europe leading up to and following the Second World War, putting them into a psychological, historical and cultural framework.

Professor Davies began by challenging English stereotypes of snobbery and

superiority, citing Shakespeare ('this sceptred isle'), nomenclature such as the 'English Channel' and the idea of 'taking back control' of borders which, by definition, are shared. He noted that in 2016 during the Referendum campaign the only leading politician who said anything about the impact of Brexit on the British Isles in general, or the Irish border in particular, was Nicola Sturgeon.

Offering some common sense remarks about the background to events which will shape the future of the United Kingdom, Professor Davies singled out Remembrance Day services, a series of protests from Moscow about misconceptions of the Second World War, and reports about the disorderly behaviour of English football fans at a match in Portugal.

Reflections on Remembrance Day services prompted consideration of why these are more assiduously observed in Britain than in other formerly combat countries, some of which sustained far greater losses during the Second World War. It is important to remember that Britain was as stained by military atrocities as other countries. The Moscow critique of the War calls for an honest recognition of the huge numbers of casualties that occurred on the Eastern Front; in absolute terms the Ukraine, Poland and Belarus sustained enormous losses. In view of these and other considerations, 'claims of Good triumphing over Evil are ...specious'. However, Professor Davies continued,

'The two principal combatants of the War, the Third Reich and the Soviet Union, were both run by totalitarian, mass-murdering tyrannies. Neither of them was capable of

bringing liberation to anyone. The dominant picture of the War should portray one evil beast fighting to the death with another evil beast.'

The international sporting fraternity has become a colossal industry and is a principal driver of national identity. English football fans are fiercely attached to their Englishness and the red-on-white flag of St George. They present themselves in warrior-mode, often stripped to the waist or dressed in crusader outfits. One of their favourite calls to attention on the terraces is 'stand up if you won the War'.

The Brexit syndrome, which grew out of a milder trend of Euroscepticism, shares many aspects of the militant attitude of the English football fans — their truculent mood, their sense of permanent grievance and their view of England as an embattled nation.

As the British imperial identity faded after 1945 the nationalisms of the UK's constituent parts revived — first in Scotland, then in Wales, Northern Ireland and, finally, England. The SNP and Plaid Cymru became part of Westminster, with Sinn Fein refusing to take up the seven seats it had won. Euroscepticism began on the Bennite left wing of the Labour Party, a trend still represented by Jeremy Corbyn, and the political right gathered around Nigel Farage.

Professor Davies concluded his lecture by identifying the source of Boris Johnson's 'do or die' rhetoric in Tennyson's 'Charge of the Light Brigade' in which a brave but hopelessly misled cavalry brigade were slaughtered by the Russian military — a Brexit parable for our times!

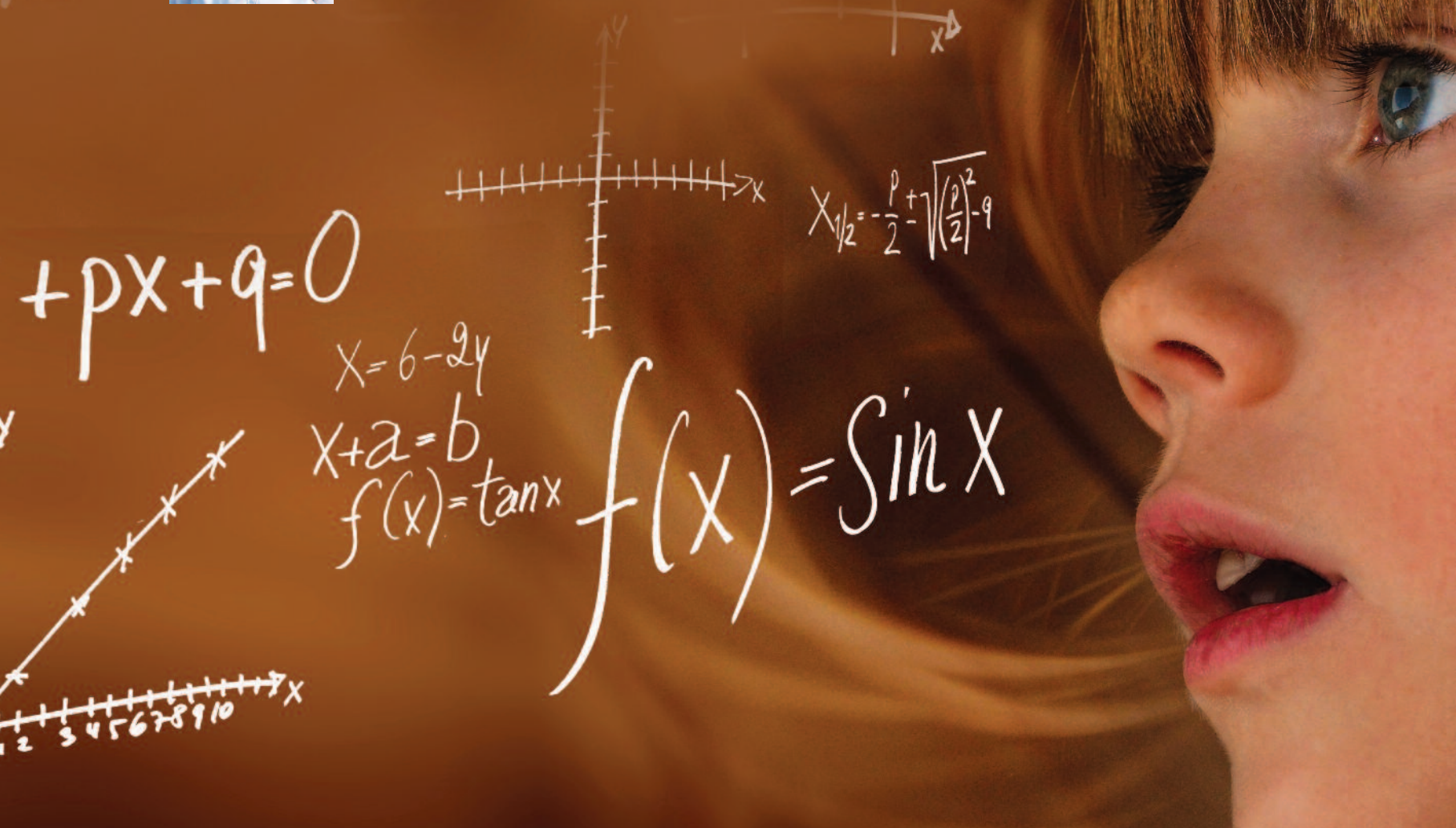
David L Gosling

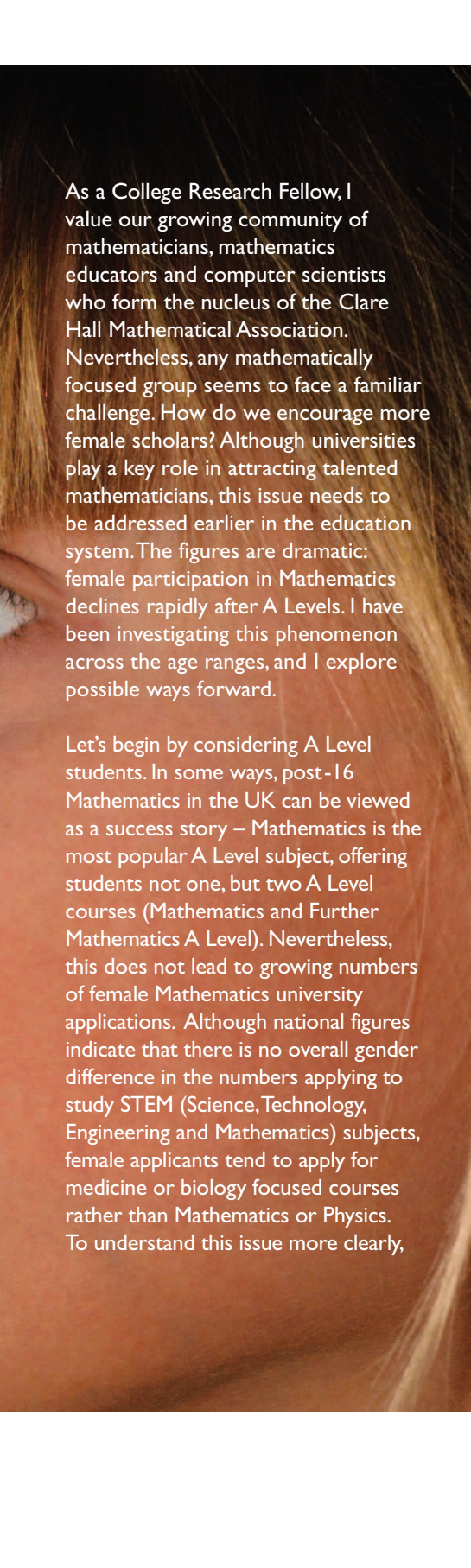
Life Member and former Spalding Fellow,
Clare Hall

Gender Matters in Maths



Research Fellow Ems Lord is this year's President of the Mathematical Association, and also the Director of NRICH, the University's mathematics outreach programme. She has taught Mathematics across all key stages from Early Years to A Level, as well as contributing to Mathematics education in UK universities.





As a College Research Fellow, I value our growing community of mathematicians, mathematics educators and computer scientists who form the nucleus of the Clare Hall Mathematical Association. Nevertheless, any mathematically focused group seems to face a familiar challenge. How do we encourage more female scholars? Although universities play a key role in attracting talented mathematicians, this issue needs to be addressed earlier in the education system. The figures are dramatic: female participation in Mathematics declines rapidly after A Levels. I have been investigating this phenomenon across the age ranges, and I explore possible ways forward.

Let's begin by considering A Level students. In some ways, post-16 Mathematics in the UK can be viewed as a success story – Mathematics is the most popular A Level subject, offering students not one, but two A Level courses (Mathematics and Further Mathematics A Level). Nevertheless, this does not lead to growing numbers of female Mathematics university applications. Although national figures indicate that there is no overall gender difference in the numbers applying to study STEM (Science, Technology, Engineering and Mathematics) subjects, female applicants tend to apply for medicine or biology focused courses rather than Mathematics or Physics. To understand this issue more clearly,

I visited a successful school in an urban setting where most of the A Level Mathematics students were female but few of them were applying to study Mathematics at university. Each A Level student was encouraged to draw a mind map explaining the reasons behind their choice of university and the subject they wished to study. Many indicated that they were reluctant to move too far away from familiar settings and thus chose local institutions, but other more surprising reasons suggested potential ways of attracting more female students to the study of Mathematics. Several students were attracted to careers which addressed medical issues such as fighting cancer, improving mobility or preventing sight loss. Others identified foundation courses which offered the opportunity to transfer to Medicine after the first year.

However, few students recognised the potential of Mathematics as a vehicle for social change. The medical application of Mathematics research is one such example, as the work of Professor Julia Gog and her team has shown here in Cambridge, addressing the statistics behind flu epidemics, illustrating how Mathematics can be a vital tool in the fight against infectious diseases. Similarly, the NRich project, which I lead, gives school students the opportunity to learn about the spread of infectious diseases by applying mathematical analyses. My own doctoral research examined gender issues in the teaching of mathematics. Primary Mathematics in the UK tends to focus on number and calculations skills which are assessed in formal tests towards

the end of primary schooling. Schools rigorously prepare for those high-stakes tests with the result that many primary school students face a Mathematics curriculum biased towards practising written calculation strategies rather than working flexibly to solve problems. Girls appear to be good at this! However, when they move to their secondary schools, where such calculations have less importance in the curriculum, the ability to follow rules and procedures matters less. At this point in the curriculum the gender gap favouring boys in mathematical attainment becomes much more apparent, continuing to widen into university undergraduate courses and beyond.

We can address these concerns in two specific ways. One way is to encourage schools to teach Mathematics through problem-solving from an early age. Such an approach would require policy-makers to revisit their assessment regime for primary schools. Secondly, we can share the ways in which the wider application of Mathematics is seen to be of crucial importance, as Julia Gog's work demonstrates. Rebalancing the primary school curriculum to focus on problem-solving rather than on success in number and calculation skills and the promotion of the subject as a dynamic tool in engineering positive social change may lead to an increasing presence of women in the world of Mathematics.

Ems Lord

Research Fellow, Clare Hall

Intimate Engagements

The 2018–2019 Intimate Engagements chamber music series presents four musical encounters in which prominent musicians combine recitals with informal presentations on their chosen programmes.

The series opened with the internationally renowned Carducci Quartet in a programme entitled 'String Quartets Icons: Innovation at Maturity' presenting late works by Beethoven, Mendelssohn and Dvořák. The quartet explored the composers' experimental and innovative approaches, each of them at a mature stage in his career.

In 'Children's Hour', baritone Gareth Brynmor John and pianist William Vann took us into an enchanted journey following a child's imagination. The programme included a collection of fairy tales for settings by Loewe, Schubert and Britten and adventurous exploits with circuses and pirates in songs by Stanford, Warlock and Howells. There were darker adventures hinted at in Ives' poignant *Tom sails away* alongside some bewitching English, German and French lullabies.

In the third concert, pianist Paul Roberts performed a collection of works by

Debussy and Liszt that were conceived as programme music. His presentation shed new light on the question of the extent to which music has meaning, illuminating the composers' inspirational sources and synaesthetic sensitivities.

In the fourth and last concert of the series, early music specialists soprano Julia Doyle and Matthew Wadsworth on the lute and theorbo present a collection of seventeenth century works fusing music and poetry. The programme includes some of the most evocative and colourful masterpieces of the time by the daring composers of London and Venice.

Grateful thanks are owed to Clare Hall's warm and loyal audience, and especially to our Music Angels. Without their support these most enjoyable and enriching musical encounters wouldn't be possible. Next year's series brings more fascinating musicians and programmes and I look forward to sharing these unique musical moments with you.

Dr Abigail Dolan
Artistic Director

Meet Clare Hall's new choirmaster **Ben de Souza**

I am Clare Hall's first student in the Master of Music in Choral Studies course, focusing on choral conducting, having been a member of various choirs since I was five years old. The course gives me the opportunity to observe rehearsals with choristers of different colleges and attend their chapel services. In October 2018 I was invited to re-form the Clare Hall choir and I am passionate about making singing accessible to all, believing that everyone should have the chance to sing. Eventually I hope to work with choirs across a whole spectrum, including community choirs, church choirs, choral societies and professional ensembles.

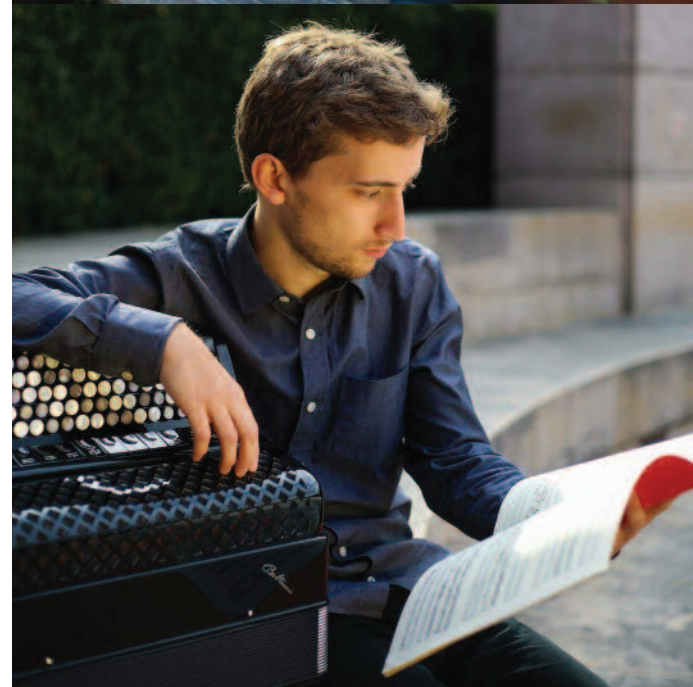
The other 'string to my bow' is my accordion. As a child, watching my mother play violin in Scottish dance bands which featured an accordion, I longed for one of my own. Granted this wish by my parents at the age of nine I set out on a path which led me to studying classical accordion performance at the Royal Academy of Music. The highlight of my time at the Academy came in May 2018 when I performed with my accordion department colleagues in Prokofiev's *Cantata for the Twentieth Anniversary of the October Revolution* with the Philharmonic Orchestra, conducted by Vladimir Ashkenazy.

What attracts me particularly to this unusual instrument is its versatility. I can enjoy playing for a ceilidh one day (as I did for the Clare Hall Burns' Night Supper), performing a solo recital of baroque music the next day, and playing in a tango ensemble the next.

The classical accordion was born in the 1950s and consists of a system in the left hand that changes all the chord buttons to single notes, like the two hands of a piano. It can play the full pitch range of a grand piano and octaves can be added together using 'registers', in a similar way to the stops on an organ. Much of the music written for the classical accordion comes from Scandinavia, Russia or Eastern Europe where there are deep-rooted accordion traditions. My real interest lies in the music of the baroque period which I play on the accordion. I often wonder what Bach and Mozart would have written for the instrument had it been at their disposal. I think they would have loved it!

What next for me? I hope to have a 'portfolio' career, freelancing as an accordionist, choral singer and conductor. My goal is to boost the image and popularity of my beloved instrument through an active career as a solo and chamber musician and, as a teacher, by encouraging the next generation of British accordionists.

Ben de Souza



Clare Hall has a distinguished architectural provenance. The College and its forebears have been brave and influential clients. It owns important buildings from the nineteenth and twentieth centuries and has been home to distinguished architects and architectural historians. In Elmside (1885) Clare Hall owns a particularly fine Arts and Crafts house designed by one of the movement's most accomplished, if eccentric, architects, E. S. Prior (1852–1932). Proto-modern in the way the ground floor windows slice through the entire garden elevation so that the heavy first floor hovers in the air, it was designed forty-five years before Le Corbusier published his invention of *La Fenêtre en longueur*, the horizontal window.

Architecture at Clare Hall

Arts and Crafts house design was suspected by the Prussian court of reinforcing those elusive British qualities which, as they saw it, fuelled Britain's imperial dominance. Herman Muthesius, posted to the London Embassy, documented every tiny detail, kitchen fittings, bathrooms and all. He published his findings in 1904 in *Das Englische Haus* which was enthusiastic about Prior's work.

Prior was, in effect, the first Professor of Architecture. Richard Norman Shaw's biographer reports that Prior, his most gifted pupil, struck his peers as a 'Victorian intellectual athlete' (one might imagine a 'Chariots of Fire' figure). This muscularity is evident in his work. He was certainly prone to diversionary tactics in Shaw's rather dull office. He taped up an office boy in sticky brown paper and left him out for the post!

The twin gabled Herschel Lodge on Herschel Road (also known as Herschel House) was also by Prior, completed in 1888. This was the substantial Arts and Crafts house which was ultimately demolished to enable Ralph Erskine to build the original Clare Hall buildings. Indeed, this was the house occupied by Edward Mallory and in which his widow received the dreadful telegram informing her of her husband's presumed death on Everest. One can be very confident indeed that permission to demolish Herschel Lodge would not be forthcoming now under any circumstances and so the College can reflect on the strange twist of fate which destroyed an important Arts and Crafts house to make way for the most original reinterpretation of a traditional college in the twentieth century.

Erskine's name had been suggested by the Clare College Director of Studies in

Architecture, Darnton (Don) Holister, probably against the strong recommendations of the then Professor of Architecture, Sir Leslie Martin. The first Clare Hall Vice President, Richard Eden, told the Erskine Symposium organisers that he had been taken to see Corbusier's Unité building at Marseille to persuade him and his colleagues to commission the great man's first Cambridge building but they were repelled by all the Brutalist concrete.

Clare clearly intended to keep Herschel Lodge when it appointed Erskine. The archive reveals detailed sketches in which suspiciously little sofas, chairs and occasional tables are squashed into the ground floor everywhere possible whilst the new College buildings extended out from the house astride garden walls. It is a highly original 'landscape urbanist' scheme for the mid 1960s well before its time, but the existing Lodge was just too small and eventually Clare decided to allow Erskine free rein to demolish.

Alvar Aalto had published his spectacular essay on interlaced monopitch roof planes, the *Maison Carée*, the year before. One wonders whether it was hastily pressed into service to rescue the scheme, a second serendipitous event that brought about Clare Hall's unique headquarters.

Curiously, the year before, Lord Rothschild commissioned a house at West Court as a wedding present to his new wife. In a position to approach any architect in the world in the confident expectation of an enthusiastic response, he clearly decided that he had neither the time nor the inclination to commission a key work in the evolving *oeuvre complet* of one of the world's great architects. 'Bland' is the only commentary on West Court provided by

the editors of the Pevsner volume on Cambridge who thoughtfully suppress the designer's identity. Nicholas Ray Associates gave it the stable courtyard it never had.

One of the early occupants of the Fellows' studies around Erskine's courtyard was the architect Ron Lewcock (Whitehead Fellow 1970–1972, Official Fellow 1972–1985) who was so interdisciplinary in his interests that he became a member of three Cambridge Faculties simultaneously. He left Clare Hall to become Aga Khan Professor of Architecture at MIT.

Links with the Faculty of Architecture and History of Art have continued to strengthen so that more recently Professor Deborah Howard, one of the earlier Clare Hall Research Fellows, has introduced Dr Lucia Tantardini, who has temporarily strayed from Renaissance drawings into a search for premodern spaces for surgery, and Dr Gabriel Byng, an expert on Medieval commercial practice in building construction, no doubt still highly relevant in an industry in which change tends to be glacial.

Alan Short



Herschel Lodge before its demolition



Aftab Jalia came to Clare Hall to pursue doctoral research in Architecture in 2013, bringing with him his young family. Having recently completed his PhD he reflects on his time here.



There is little doubt for anyone who comes in to contact with Clare Hall that this is probably the friendliest of Cambridge colleges. For those of us who come here as mature students with families, Clare Hall's small student-fellow community and informal structure provides the ideal opportunity to balance the rigours of Cambridge scholarship with the comforts of family life.

As an architect, I have been delighted by the college campus. Its modern, brick buildings are emblematic of the egalitarian values of their architect, Ralph Erskine, and reflect the people-first attitude of the founders of the College. Modestly scaled for human interaction but with dramatic monopitched roofs, Clare Hall's buildings are a truly distinctive element of the University's architecture.

During my time here, I have contributed to various aspects of College life. In 2015, the

Senior Tutor Iain Black and I revived the traditional Fellows vs Students annual cricket matches with their unpredictable and fun-filled outcomes. To commemorate the revival, I designed the shield and logo for College cricket: a goldfinch, drawing upon Clare Hall's colours and the evocative association of the bird with the countryside and the game.

When the College celebrated its 50th anniversary I was invited to create posters for its many events using the new designs.

Often the face of our flagship events such as the Ashby and King lectures as well as regular music concerts and talks, my posters have dotted the College and the city.

My doctoral research on masonry vaulting in India examined the relationship of traditional building crafts and cultural exchange to contemporary architectural production. I surveyed and compared a host of vaulting techniques practised in India to establish the scope for adopting a Mediterranean tile-vaulting method, itself over 600 years old but still environmentally and economically relevant today. By constructing five prototypes over three years in Bhuj and New Delhi I demonstrated that the preservation of building crafts and their associated communities can still be achieved in an era of predominantly commercially driven architecture.

Clare Hall grants such as the Boak Student Fund contributed to the construction of my prototypes in India, enabling me to visit European archives such as the RIBA in London and the Fondation Le Corbusier and Cité in Paris.



Return of the Swallows

Those of us who are fortunate enough to spend time at Clare Hall are familiar with its many fine characteristics, including providing the place and time to work and think, good companionship, and proximity to a great library, not to speak of a beautiful city. On completing their fellowships Visiting Fellows are eligible to become Life Members, and can return whenever they wish as fully participating members of Clare Hall, eating in College on a pay-as-you-go basis, and attending its many events and lectures. For those who wish to stay in one of the College flats, this too is possible, subject to availability, and we have regularly enjoyed flats both on the main site and in West Court.

I am an art historian, concentrating on the Greeks and Romans, and on the neo-classical period. Specialising on the eighteenth-century potter Josiah Wedgwood, I have taken advantage of being in Cambridge to write a series of articles on the eighteenth-century pottery and ceramic figures in the Fitzwilliam

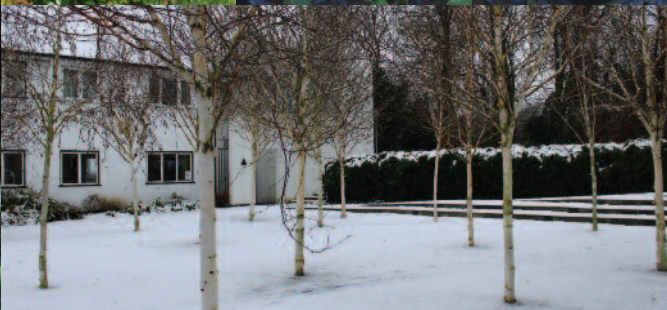
Museum's collections. My husband, Andrew (Clare College 1958, Classics), is an archaeologist who also studies classical antiquity. Both of us have worked at the Harvard and Cornell excavations in Sardis, Turkey since we were graduate students and have been returning to Clare Hall as Life Members since we were each Visiting Fellows (Nancy in 2007–8 and Andrew in 2008–9).

Andrew taught in the History of Art Department at Cornell University, and I in the Art History Department at Ithaca College. After retirement we became Visiting Fellows at Clare Hall, and for the last dozen years we have returned as Life Members for three or four months every winter, enjoying a peaceful place to continue our research. When we first came here, we were jointly writing a book for the British Museum on the life, art, and culture of the Romans (*The British Museum Concise Introduction: Ancient Rome, published 2008*), which followed another of our collaborations: *Roman Art: Romulus to*

Constantine, a book that is now in its sixth edition and has been translated into French, German, Dutch, Greek, Korean and Chinese. More recently we have been collaborating on a book, soon to be published, on the excavations of seventh and sixth century BC habitations and pottery at ancient Sardis.

We have another incentive to visit in that our son, Fellow and Vice Master of Sidney Sussex, teaches in the University in the Faculties of Architecture and Engineering. We treasure the opportunity to be a part of his family and to play here with our four English granddaughters, who love to come to Clare Hall for occasional sleepovers. Furthermore, we renew friendships with other Life Members in residence in Cambridge and other 'returning swallows' such as Yale and Kitty Ferguson, Evan Zimroth, and Kevin Edwards, as well as making new friends among college members.

Nancy Ramage



A YEAR IN THE GARDENS



David Smith has been Head Gardener at Clare Hall since 2006 and in that time has been quietly transforming corners of our gardens. He has great regard for Ralph Erskine's designs and for the wisdom of our own John Parker (EF) who once advised him, 'If a plant is happy where it is leave it there'.

David learned his horticultural skills as a child helping his parents run their 75 acre smallholding in Cottenham. He also spent several years tending the greens at Bar Hill golf course and so brings expert knowledge to the care of Clare Hall's lawns.

He practises a useful strict economy in the purchase of plants for the College, sourcing the summer bedding (3.5 thousand plants) from Jersey at a very reasonable cost. Local knowledge means that he knows the best nurseries to visit and he gains plenty of useful information from the informal network and forum that operates between the gardeners at the different Cambridge colleges.

The gardening year at Clare Hall may follow a set pattern but the variables in our unpredictable weather pose interesting challenges as snatches from David's records reveal. Last August and September, for instance, were very dry months and the lawns made their complaints about the lack of moisture very clear. The end of summer was a busy time with the cutting of the yew hedges, weeding of borders, rescue work on the lawns, and the planting of winter bedding in the College glasshouses.

In October some of the worst affected areas of the lawns were re-seeded and planting up in outdoor containers began, ready to bring colour to the dark days of winter and early spring. The main occupation as winter approached was the raking up of leaves in the walled gardens and hedge cutting around the College as birds had long fled their nests.

November was another month of leaf collection as well as garden maintenance in the Barton Road student house. The arrival of a cherry picker to prune the beech trees caused much excitement. The gardeners (there are two and a half of them) were responsible for erecting the three Christmas trees bought for College festivities in December and after a very short break the battle against dead leaves recommenced.

And so the new year began. In January plants in the main site borders and West Court were cut back ready for spring. Even though February and March seem to be dead months in the gardens there is always much work to be done, mulching the borders and moving plants. In April more general tidying up was done as paths were raked and weeds removed. There was, though, no hedge cutting to be done as the birds began to make their

annual return. In May the winter bedding made way for the summer bedding which had been carefully nurtured in the glasshouses. And now in the summer months as dry weather threatens the long-suffering lawns there is plenty of watering to be done.

David is always keen to make a good show of colour in the summer as members, students and families enjoy celebrations at the end of a busy academic year. As a College First Aider with an acute awareness of health and safety issues he positions certain plants very judiciously, ensuring, for instance, that there is a horticultural barrier between the edge of the dining room terrace and the borders below! He is also responsible for the maintenance of the College swimming pool and knows exactly what composition of essential chemicals needs to be applied. Asked about his favourite part of the College gardens, David confesses that he particularly enjoys Elmside gardens in the summer because he feels they are the most child-friendly.

Gardening at Clare Hall is challenging and varied but we know it is in capable and knowledgeable hands and we are grateful to John Parker and Life Members such as Ann Goldstein for their most generous support of new garden schemes.



CLARE HALL COLLOQUIUM

Organising this year's Tuesday Colloquium has been very enjoyable and I am very grateful to our Visiting Fellows and colleagues for sharing their ideas and findings with life members, students and visitors. As with most interdisciplinary events at Clare Hall, the informal atmosphere makes everyone feel welcome and discussions are both lively and full of insight.

This academic year, we were taken on a journey to think about our human nature, how we adapt (Joel Peck), how our emotions are shaped by neurobiology (Tara White), how they in turn may cause depression (Clive Sherlock), and how human vision captures electromagnetic forces that are part of all of us (Ann Goldstein).

Taking the long view, we encountered religious and intellectual conflict in Oxford during the sixteenth century (David Sacks), how molecular biology, anthropology and forensic science help identify soldiers who fell during World War One in Fromelles (Peter Jones), and how the Colombo Plan shaped post-World War Two international collaborations (David Lowe).

Contemporary issues too were highlighted from various angles. Kaming Wu discussed what makes a 'good' Chinese citizen and Sze Ping Lo showed us how this fits in with much broader notions of both conservation and sustainability in China. In his talk on the Herschel Space Observatory Stephen Eales described how global challenges are addressed through new technology and innovations. Ove Granstrand discussed the way in which innovations contribute to economic growth and Ulrike Björkstén assessed the ways in which recent developments in population genetics are shaped by both politics and historical schools of thought.

Alexandra Winkels (aw546@cam.ac.uk)
Convenor

FRIENDS OF CLARE HALL ART SOCIETY



In 2018 -2019 the Society hosted three key events for FCHAS members as well as for members of the College and the wider public. All three events included illustrated talks and engaging, rewarding question and answer sessions.

The first talk was delivered in October by Jacqueline Creswell, the visual arts advisor at Salisbury Cathedral, on the subject of 'Curating contemporary art in cathedrals', a persuasive demonstration on the power of cathedral art exhibitions to reveal hidden meaning and transform beliefs.

In the Lent Term, documentary film director Rupert Edwards gave a talk on his recent documentary, *Hard Beauty*, a visual celebration of the work of Helaine Blumenfeld which relied on unprecedented access to unique records and personal archives.

The third FCHAS talk and viewing was delivered by Dr Tom Flynn, a British-based art historian, critic and provenance researcher who specialises in the professional practices of the international art market, historical and contemporary sculpture. In addition he specialises in issues in art crime and cultural heritage.

As in previous years, the invaluable help and guidance offered by Helaine Blumenfeld, our Patron, has allowed the Society to increase its membership and secure wider recognition across the art and public networks. The Society hosted its first Annual Members' Meeting and dinner which was an opportunity for the College to give thanks to Helaine and to members of the FCHAS for their advice and support.

Annamaria Motrescu-Mayes



EXCHANGE DINNER

with St. Cross College, Oxford, 11 January 2019

This year it was the turn of Clare Hall Fellows to make the journey to our sister college in Oxford for the (now) annual exchange dinner, organised by our respective Senior Tutors.

We were welcomed by Mrs Carole Souter, the Master, and given a brief history of their beautiful college. Despite appearances, the College was founded only a year before Clare Hall and moved to its present site on St Giles in 1981. Its current home, shared with Pusey House, though Gothic in style, was actually built in the early twentieth century.

The College has recently completed a new wing with additional student accommodation and a fabulous lecture theatre where St Cross Fellow, Marina Jirotko, Professor of Human-Centred Computing, Associate Director of the Oxford e-Research Centre and Associate Researcher of the Oxford Internet Institute, gave a fascinating talk entitled *When People Meet Machines: The Challenges of Building a Smarter Society*, describing her work on algorithms, transparency and public policy.

Marina is known for her work on the 'Ethical Black Box,' a proposal that robots using Artificial Intelligence should be fitted with a

type of in-flight recorder, similar to those used by aircraft, in order to track the decisions and actions of the AI when operating in an uncontrolled environment, and to aid in post-accident investigations.

We were then treated to a delicious dinner of potato risotto with wild mushrooms followed by braised blade of beef with Jerusalem artichoke and caramelised banana parfait with peanut butter ice cream for dessert. Coffee was served in the Saugman Common Room, formerly a cloister, but now a beautiful and comfortable location for after-dinner conversation. Stories and college experiences were exchanged and it was agreed to do it all again in Cambridge next year by which time the event will have become a treasured tradition.

Amanda Barclay



King Lecture 2019

In March 2019 Professor Mary-Claire King, American Cancer Society Professor in the Department of Medicine and the Department of Genome Sciences at the University of Washington in Seattle, Washington, delivered the King Lecture on 'Genomic Analysis of Inherited Breast and Ovarian Cancer: from Gene Discovery to Precision Medicine and Public Health'.

She spoke firstly of the work of Paul Broca who undertook research in inherited breast and ovarian cancer in the 1860s, some time before the discovery of genes which are made up of DNA and are the basic physical and functional units of heredity. The Human Genome Project - an international project aimed at discovering the sequence of nucleotide base pairs which make up human DNA and of mapping all the genes of the human genome – made an enormous difference to our understanding of this area.

Professor King referred to the two genes particularly associated with breast and ovarian cancer in women, and various cancers (including prostate cancer) in men,

BRCA1 and BRCA2 which are known as tumour suppressor genes. A BRCA mutation is a mutation in either of these two genes, and there are hundreds of them, some of which are harmful while others have no proven impact. The harmful mutations can produce hereditary breast-ovarian cancer in affected persons.

High risk mutations, Professor King explained, disable an important DNA repair process and significantly increase the risk of developing breast and ovarian cancer and certain other cancers. Why this happens is not yet known although lack of BRCA1 function appears to cause inactivation of the X-chromosome.

Mutations can be inherited from either parent and may be passed on to both sons and daughters as Professor King's diagrams of family histories illustrated. Each child will have a 50% chance of inheriting the mutated gene from the parent carrying the mutation. Thus half the people with BRCA gene mutations are male and capable of passing the mutation to 50% of their children, male or female.

PARP inhibitors are a group of pharmacological inhibitors used in the treatment of cancer and they appear to improve progression-free survival in women with ovarian cancer. They lead to the trapping of PARP proteins on DNA in addition to blocking their catalytic action. This interferes with replication, causing cell death preferentially in cancer cells which form faster than normal ones. Cancer cells that are low in oxygen (eg. in fast growing tumours) are particularly sensitive to PARP inhibitors.

The overall picture presented by Professor King was an optimistic one. The origin of breast and ovarian cancers and their main characteristics are fully understood in terms of BRCA1 and BRCA2 mutations. She commented, 'Every breast or ovarian cancer patient with a BRCA1 or BRCA2 mutation detected after diagnosis is a missed opportunity to prevent cancer' and that no woman with such a mutation need die of breast or ovarian cancer.

David L. Gosling
Life Member and former Spalding Fellow

Clare Hall Boat Club

It has been a great year for Clare Hall rowing! We had the honour of unveiling a brand new trophy blade after bumping all four days in the May Bumps with the men's team last year.

We had an awesome turnout for the Boat Club induction with around forty students expressing interest which is more than one in five new students.

The mission of our Club is to allow any Clare Hall member to enjoy rowing, coxing and spectating.

This year we participated in Queens' Ergs, Emma Sprints and the Christmas Head. Additionally, there were good performances in the Lent Bumps. The men's team bumped up two positions and the women's team held their own against tough competition to stay at their current spot.

May Bumps 2019 went spectacularly well for Clare Hall. On the last day of bumps both the women's and the men's teams were up for blades. The women came up against a formidable opponent and were chasing them for the whole course. Unfortunately the course was not long enough to catch them. The men's team were more fortunate and earned their blades. On top of that the 3+ score for the women and the 7+ score for the men meant we won the Pegasus Cup!

As a committee we are dedicated to creating a legacy for the Boat Club. For example, one idea is to create an honours board that will commemorate those who have made a contribution to the Club in the past. Initially, we would like to add the names of all the presidents and captains and so if you are a previous officer please get in touch with us at clarehall.captain@cubc.org. We will go back in history as far as we are able!

We love rowing and we love sharing our rowing with Clare Hall members. The support we receive from College was

exemplified on April 7th by the great turnout in the ALB bar to watch the 165th Boat Race. We thank all those involved in the Boat Club, including those who support us during competitions. Together we make our Club and the College such a great place.

Marno van der Maas
Clare Hall Boat Club President
2018 - 2019



RAIN STOPPED PLAY



Cricket's oldest opponent, Rain, effectively stopped play at this year's Grand Challenge Match on 19 June, even though much of the rain fell on Kent. Rain had earlier forced cancellations of the sociable weekly nets for the our consecutive weeks leading up to the Big Day as well as an extra net planned for the staff weekly work-out.

June monsoon!

At least the formal Cricket Dinner was not rained off and the would-be cricketers were sung into supper – in Latin – by the College choir. Opening proceedings, the College President spun it both ways in considering how the President's XI might have won the Match, a particularly casuistical exercise given that no match had been played. Quite wonderfully, an invitation to President Xi of China emerged from his musings.

The prospect of the Match had been a rallying point for the tattered remnants of

the cricket club ever since the exodus last summer of many stalwarts, including Iain Black, re-founding member of the club. Only the indefatigable Sam remained undismayed, teaming up with Queens' College to arrange a joint fixture list to add to the usual CHCC fixtures, while bringing along shock troops from Shelford when needed. Eat. Sleep. Cricket. Repeat.

At Sam's right shoulder all along has been Josh, passing up the possibility of Varsity cricket to provide top order to Clare Hall, while on his left Mushtaq has shared Sam's dream of being drafted into the Sri Lanka World Cup squad. For a moment we thought we had representation at the World Cup when Lawrence announced he had to drop out of a fixture on account of a call from South Africa. Ah, no.

Newcomers have made their distinctive contributions. Dylan, bearing the name of one of Sri Lanka's cricket stars, has fully redeemed his parents' oversight of migrating to Canada without cricket gear, by way of skating his way into becoming an all-rounder. Victoria's enthusiasm for the English game is such that her bemused mother in Arizona received a Mother's Day gift of a cricket bat. Victoria's brother weighed in with a home-made set of stumps. Adrien cheered us all with her summons to indoor nets where a new sound resounded around Fenner's as she celebrated each straight ball she bowled with cries of Yeh (for Yale).

One positive note about the match, had it taken place, was that five women were down to play, possibly a tipping point for women's participation in the club. Other encouraging news was that the College President had appointed a new Domestic

Bursar with no other remit (so the club understands) than to make sure it happens. Stella (for it is she) so adeptly mastered the art of off-the-field cricket that the wretched weather was a particularly cruel blow to her. Twelfth Man wonders why it was that old perennials Aftab and Darshil, who excused themselves from this year's Match to set up the Royal Society's Science Exhibition, failed to find a single climate change scientist with wit enough to prevent rain from stopping play.

We missed John Regan and Tim Cottage (aka Trimithia Cyprus) at the Cricket Dinner. Tokens of remembrance of good fellowship from past players, like Desmond's Shield and Lam's Law give us heart when, come autumn, we lose so many players and (Sam aside) wonder whether we can carry on.

Next year's Grand Challenge Match will take place on Wednesday 17 June.

Twelfth Man



PAT AT 80!



I have been at Clare Hall for 46 years. At first I worked for Avril Yeo who became the College Bursar in 1973. She lived in College with her husband Peter and her mother. I used to look after the guest rooms but was then asked if I would like to work in the kitchen.

I have enjoyed working in Clare Hall, meeting so many people from all over the world. They always seem so happy and appreciative of the College. I like to think that I make people welcome so that they feel at home from their first day and I thoroughly enjoy meeting them and talking to them. People say I never forget a face!

Some changes have occurred over the years as the number of buildings expanded and we now have a dedicated Porters' Lodge.

In 2016 I was honoured and proud to have been given the President's Award in recognition of my long service, support for, and participation in, Clare Hall life over the past years. Clare Hall is a good place to be.

Pat Jakes

Saving the planet: one woman's environmentally friendly lifestyle

Our recent visit to China enabled us to meet up with Life Member and former graduate student, Ni (Helen) Huan who came to Clare Hall on a Chevening Scholarship in 2004 to read for an MPhil in Development Studies. Graduating in 2005 she worked on international environmental projects for a number of international organisations, including the United Nations Development Programme.

At home in Shanghai during the hot summer of 2013 she set about establishing a CIGS (a thin film material composed of copper, indium, gallium and selenium) solar cell home power plant on the balcony of her house which is set to earn the cost of its outlay in less than ten years. Intent upon creating a sustainable lifestyle, Ni constructed an outdoor aquaponic system on the balcony where she can keep fish and grow plants. In essence, her balcony has become a mini-farm, supported by up-to-the-minute environmental protection technology.

Such is the interest in her project that people from all over the world have flocked to see her home with over 6,000 visitors since 2014. In particular, Ni encourages local children and schools to visit and she has set up a training programme for them to become, as she puts it, 'little volunteer explainers' to spread the word about environmental protection and sustainable lifestyles.

With two of her colleagues Ni has established the Shanghai Green Light-Year

Environmental Services Center, an NGO which promotes environmental protection, organising lectures, children's activities and summer and winter camps. This movement may be relatively low-key but, as Ni Huan comments, 'the influence of our organisation is inestimable'.

In recognition of her outstanding contribution to the promotion of renewable energy technologies within communities, GGEF (Global Green Economic Forum) Women Eco Game



Changer Award awarded her the prestigious Eco Innovator title in April 2018. GGEF is a social development enterprise based in Singapore which promotes sustainability among business leaders. Ni is certainly leading the way.

“In conversation:

Michael Loewe and Li Tang with Bobbie Wells

BW: You two seem to be a good example of how the Visiting Fellowship scheme works. I often see you lunching together and wondered what are the connections between you.

ML: As scholars and colleagues.

LT: One of the reasons I came here was because of Michael. He offered an invitation and has been taking care of me and listening... He is really a good mentor. Our meetings happen naturally. Some days we eat together, have coffee together, go to interesting lectures or talks, attend the reading seminar at the Needham Institute or the Faculty of Asian and Middle Eastern Studies if the topic is relevant for both of us.

BW: Li, you once said that Clare Hall is like an oasis on the Silk Road. What did you mean?

LT: My research is about the Silk Road. I work on Christianity and other religions of the Silk Road. I travelled along the Silk Road. You will sometimes encounter deserts there when you go along to try to find artefacts. You travel in a desert area and there's no water. I work on Christianity and other religions. Suddenly you arrive at an oasis in a human settlement. It is a good

feeling. So Clare Hall is like an oasis for me during my intellectual journeys. In my journey I have lived in many countries. I sometimes feel like an academic nomad looking for an oasis. My son and I found it very refreshing to be at Clare Hall.

BW: How did the Clare Hall Visiting fellowships evolve?

ML: When I joined the College in 1968 we used to meet as a Governing body in Elmside before the new buildings were put up. Applications were discussed at Governing Body and some of us realised that we needed to set up a small committee to look at qualifications and publications and report back to Governing Body. Four or five of us carried out this work and it became regularised.

It has become much more formal now. In the 60s and 70s there were far fewer applications. Then they started tumbling in. It had to become much more formal simply to get through the work.

The College was set up with several objectives – to find a collegiate home for university lecturers in subjects such as Japanese or Arctic Studies that would not

merit a Fellowship in an undergraduate college. For these would only draw a very few students. People in 'odd' subjects were therefore left out of college fellowships and Clare Hall was set up to provide for them and also as a base for the growing numbers, both of scholars coming from overseas and graduate students.

BW: How many people did you recommend?

ML: From the years when I became an Official Fellow until I retired in 1990 pretty well every year I had a colleague as a Visiting Fellow or in some other capacity – scholars of Chinese or Japanese. At an early stage we welcomed a Chinese scholar here, Li Xueqin who came in 1981. It took a mountain of paperwork before emails.

LT: In the 1980s it was very difficult for any Chinese to leave the country and there was no funding. It's much easier nowadays.

BW: Although you work in different areas is there an overlap?

LT: Michael is a Sinologist and I work on the Silk Road so we have something in common. His classical Chinese is better than mine! Michael's work laid foundations for the study



of ancient Chinese history. He is well-known in China and his Chinese name is Lu Wei.

BW: How did that come about?

LT: Michael, you tell!

ML: Loewe is transcribed as *Lu*, the name of an old state in China of around 500/400 BC. It's my surname and *Wei*, my given name relates to the other part of Loewe and means 'the one and only'!

LT: At the University of Salzburg I was asked if I could help to teach Chinese history. I said, 'I am Chinese. I studied Chinese history but I'm not really a Sinologist'. I asked Michael for help and he sent me his book which I used it as a source book for my teaching. Michael introduced the idea of the Spalding Fellowship to me in 2010 but for visa reasons I couldn't come at that time. Five years later things became easier for me and I applied for a Clare Hall Visiting Fellowship.

ML: My doctoral thesis concerns documents found in North West China so that is a connection between us too.

LT: My work is related to the ancient history of China so there are lots of connections between us academically.

ML: My sources are the dynastic histories of China that cover the years from 221 BCE to 210 CE. More recently the discovery of manuscripts deriving from the work of Chinese officials, officers on the frontline, clerks and others.

LT: For the past ten years I have been working on inscriptions from medieval manuscripts found in a cave in North West China. My upcoming Spalding Fellowship will enable me to focus on comparative religion, concentrating on the Christian, Manichean and Buddhist religious terminology used in the manuscripts found in Dunhuang. Michael helps with the ancient Chinese words.

ML: Yes but yours is a specialist situation. You have a background I don't have.

LT: I will compare the terminology of two or three religions represented in the manuscripts and the terms they borrowed from Buddhism.

BW: Summing up, what do the Visiting fellowships mean to you both?

ML: It's a marvellous opportunity for co-operation with colleagues from elsewhere whom you might otherwise meet only rarely. Nowadays people flit around the world every term. In my time to exchange view with overseas colleagues of Sinology we had a meeting every two years! Allowing non-British colleagues to stay in Clare Hall for a year created an enormous opportunity for collaboration. It was of particular value in the late 1970s when we were able to invite visitors from the People's Republic of China.

LT: It was amazing to meet someone whose work you have read for a long time and then to meet in person! My work is very specific, a small area, a small field. I realised that people in many different subject areas in Clare Hall were actually interested in my subject. That really encouraged me.

BW: What strikes me is your dynamic academic relationship in College. It's a great pleasure to observe that.

LT: It's been good for both of us. Michael supports me in all the ways he can. This is a special time for me and I hope to make it as productive as possible.



'Turkey and Farm Machine', Michael Rothenstein

Art at Clare Hall

When Clare Hall's entrance hall and common-room went under refurbishment last summer, it was surprising to see how wide the entrance hall is, after the posters on one side and the pigeonholes on the other were moved elsewhere. In addition, a startling new carpet arrived. Made from recycled rubber with taut narrow stripe, it zings its way into the building, introducing the strong blue that reappears on the end wall of the common-room, between the bar and the dining room.

A further surprise was how sympathetic the refurbishment was to art. Our first exhibition that autumn was by Carol Sinclair and Richard Bray. Both are primarily sculptors, keenly interested in materials. Bray's columns stood sentinel down one side of the entrance hall and in strategic places in the common room. They seemed to be made out of wooden units, subtly altered in size and shape, so as to twist or challenge the underlying geometry, but in fact each had been created out of a single unbroken length of wood. In Sinclair's work,

on the other hand, the impact came from her ability to catch the moods offered by Hildersham, near Cambridge, where her studio is set in an acre of water meadow and bordered by the River Granta. Her art revealed her fascination with erosion, by the elements, of both natural and man-made materials and objects. Much of her work grows out of walks she makes in the countryside or by the sea or in disused industrial estates.

One week is allowed between exhibitions, for the taking down of one show and the putting up of another. The Tanner lectures and dinner fell on a Monday this year and by mid-morning concern was expressed at the tangle of ladders, tools and bubble-wrap scattered around the common-room, as a next show was being hung. Fortunately, the artist David Brown, a mathematician by training, is good at logistics. He and Fiona Blake, a member of the College Art Committee, achieved a miracle, completing an extensive hang by mid-afternoon, the common-room looking not only neat and tidy again, but also alive with visual interest.

It was a timely moment to show work by a digital printmaker as digital art was the subject of intense discussion in Cambridge last autumn. David Brown is an extremely versatile artist, often using the computer to achieve complex mathematical solutions for his imagery, as well as rarefied Fine Art effects.

Jake Attree, in early 2019, made us see parts of the College and its garden through his eyes. Attree had visited the College in advance of his exhibition and could be seen sitting quietly drawing in various places. As so few people draw these days, it was a warming sight. His show was sub-titled 'Seeing through drawing' and he explained:

"For me, drawing is the grammar of visual language; it is the way I explain the world to myself, wordlessly... We have been drawing — or something very like it — since the time of the cave paintings at Lascaux and Altamira. Drawing, like all truly creative activity, is not an entertainment or pastime, but rather something fundamental to our psychic health as a species."

All these exhibitions leave a legacy: part of the contract between the artist and Clare Hall is that the former will gift the latter with one work from the exhibition. In this way, over the years, Clare Hall has formed a collection from which any member can borrow something to hang in their College room or rooms. Even the President makes good use of our collection so don't hold back. A new system is in place for managing this scheme.

For comments on the Milstein exhibition, also shown in the course of this year, see the President's account on page 43. It was followed by painting and prints on leaf-paper, hand made by the artist herself, Janet French, and forming a very fine display. And, as the annual Review is about to go to press, Clare Hall boasts not one but two exhibitions, an exuberant display of Michael Rothenstein's prints, from almost every period in his career, and a sculpture exhibition in

the Fellows' Garden. Five local sculptors have plotted a route around the garden with sculpture, some of which sits respectably on pedestals but other pieces hang high up in the trees or gently move in their shade. Anyone seeking further information on the artists mentioned can find it on the College website, if you click on events and then on Art Exhibitions at Clare Hall.

Frances Spalding
Chair, Clare Hall Art Committee



Carol Sinclair



'Clare 3', Jake Attree



'Winter Sun II', Janet French



'Clare 2', Jake Attree

Salje Medals 2018

Congratulations to the two winners of the Salje Medal 2018. This award was kindly donated by former College President, Ekhard Salje, and are awarded each year for an outstanding performance by a PhD Student in the Humanities and another in the Sciences.



Michael Webster, PhD in Molecular Biology

Cells make proteins by copying the instructions from the matching gene into a messenger molecule known as mRNA. Michael studied how cells control the amount of each mRNA by a mechanism known as poly(A)-tail shortening. This process supports diverse biological processes such as embryogenesis, cell proliferation, and attenuation of the immune response. By purifying the enzyme complex that performs poly(A)-tail shortening (known as Ccr4-Not), he studied how it is targeted to specific genes. He discovered that factors which bind Ccr4-Not can distinguish between very similar nucleotide sequences within the mRNA, and that poly(A)-tail shortening is coupled to the rate an mRNA is translated.

Michael has gone on to a post doctoral post at the IGBMC (L'institut de génétique et de biologie moléculaire et cellulaire), Strasbourg.



Visa Kurki, PhD in Law

Visa's dissertation is a philosophical examination of the notion of legal personality. Traditionally, legal persons have included born human beings ('natural persons') and corporations ('artificial persons'). However, scholars and activists have recently been debating whether legal personality should be extended to rivers, artificial intelligences or animals. The dissertation does not directly partake in this debate but rather challenges its underlying assumption.

Visa was also awarded the Yorke Prize for the dissertation. A revised version of the work will be published by Oxford University Press. Visa is Vice-President of the Finnish Legal Philosophy Society and Vice-President of Finnish Animal Rights Lawyers. He is currently a Fellow at the Helsinki Collegium for Advanced Studies.



Milein Cosman sketching

Cosman | Keller

Clare Hall is rightly proud of its regular art exhibitions and its concerts, but rarely are they brought together. This year we managed to achieve that, with an exhibition of paintings, drawings and bronzes by the German artist Milein Cosman and a concert commemorating the centenary of the birth of her husband, Hans Keller.

Cosman is particularly known for her paintings and drawings of culturally significant individuals, especially musicians, and it was on these that the exhibition concentrated. Over its six weeks we were able to see the concentration on the face of Rostropovich, the slightly awkward languor of Britten and a memorable triptych of Stravinsky conducting, seen from behind. Her work is increasingly well known in her native Germany, and a group of German art lovers had travelled to Clare Hall for the opening of the exhibition. Keller, an Austrian, was a major figure in English music in the period after the Second World War, particularly through his work on what was then the BBC Third

Programme. His writings on music remain influential, and some of his most important radio broadcasts are now being published. It was a privilege to hear some of those who had been taught by him and to begin to understand his contribution to British musical life. The concert was the culmination of study afternoon in the University Library and the Music Faculty, and was sponsored by the Cosman Keller Trust. And like the Cosman exhibition, it brought in to Clare Hall scholars and music lovers from far and wide as well as our own members and supporters.

David Ibbetson



Farewells

It is sad to report the deaths this year of two Honorary Fellows, Donald King and David Thouless.



David Thouless

David Thouless was born in Glasgow, but moved to Cambridge as a child. After education at Winchester College he came up to Trinity Hall to study Physics. After a doctorate in Cornell and a Research Fellowship at Birmingham University he returned to Cambridge in 1961 and was for four years a Fellow at the newly established Churchill College. He left to take up a professorship of physics at Birmingham University, and held positions in the United States before returning to Cambridge as Royal Society Professor, becoming a Professorial Fellow at Clare Hall. He subsequently moved to the University of Washington at Seattle, where he spent the rest of his career.

David was a condensed matter physicist, who demonstrated with his younger colleague Michael Kosterlitz the phenomenon of superconductivity (conductivity without any resistance) in very thin films of materials. As well as showing hitherto unknown topological states of matter, their discovery heralded the way to a transformation of electronics and quantum computing. For this they were awarded the Nobel Prize for Physics in 2016. He was the first former Professorial Fellow of the College to be awarded this honour.

David Ibbetson



Donald King

A native of Pennsylvania, Don King graduated from Syracuse University. After post-doctoral positions in Chicago and at the Carlsberg Laboratory in Copenhagen, he became Professor of Pathology at Yale in 1955. His career took him from there to the University of Colorado, Columbia University (where he stayed for fifteen years) and the University of Chicago, before being appointed Executive Director of the American Registry of Pathology and finally Deputy Director of Education and Research at the National Institute of Health, from which he retired in 2009. Throughout all this time he was an inspirational teacher, with many of those he had trained moving to major positions in the United States.

His association with Clare Hall began in 1975-76 when he was a Visiting Fellow. As a Life Member he kept in touch with the College, increasingly so after his

retirement. He was a deeply cultured man, a source of wise advice, and the largest benefactor to the College since its foundation. Two memorials to him will live on at Clare Hall. His munificent gift enabled us to establish the annual King Lecture in Biomedical Sciences, alongside the Tanner and Ashby Lectures, which is sufficiently well-funded for us to be able to attract the most eminent speakers and to bring into Clare Hall some of the leading scientists in the University to hear them. Secondly, his generosity enabled us to redevelop what was formerly House 2 on the main site into a well-appointed meeting/dining room with conjoined guest accommodation. The two parts can be kept separate, but the whole suite is made available to Tanner and King Lecturers, enabling them to hold meetings while they are in the College.

David Ibbetson

And also of Visiting Fellow
Professor Li Xueqin

Li Xueqin, who died this year, was the first of the scholars of the People's Republic of China to be elected as a Visiting Fellow of the College, and we were delighted to welcome him, in 1981. He was a leading specialist in the study both of well known Chinese writings of pre-imperial and early imperial times and of the finds of manuscripts written on turtles' shells, stone, silk or wood that archaeologists had been bringing to light from the nineteenth century, and more profusely from the 1970s onwards. He trained younger colleagues in the traditional methods of scholarly criticism; perhaps it was from them that he learnt to use electronic devices to solve the problems presented by manuscripts and inscriptions of three thousand years ago.

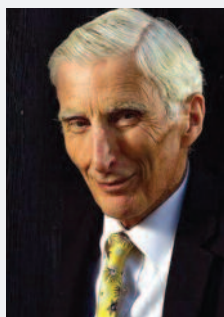
For many years after 1949 contacts and co-operation between China's own scholars and institutes and those of the West had fallen victims of political discord. Li Xueqin played an important part in re-establishing such relations, both by his own visits to the universities of Europe and the USA and by arranging for scholars of those institutions to visit China. We owe him a debt for his part in reasserting a mutual trust between them. In his time at Clare Hall Li Xueqin deliberately sought opportunities in which he could take part in the supervision of undergraduates that the colleges arranged. For their part, the undergraduates enjoyed the immense benefit of sitting at the feet of so learned a scholar and such a genial friend.

Michael Loewe
Emeritus Fellow

News of Members

Clare Hall Code:

AM: Associate Member; EF: Emeritus Fellow;
HF: Honorary Fellow; LM: Life Member; OF: Official
Fellow; PF: Professorial Fellow; RF: Research Fellow;
VF: Visiting Fellow



Martin Rees



Shelley Fishkin



Marika Hedin



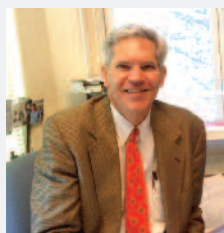
Grant Passmore



Andrew Blake



Hayden Bellenoit



Eric Nye



Ingrida Kerusauskaite

Congratulations to **Kai Ambos** (VF 2016), Judge on the Roster of International Judges of the Kosovo Specialist Chambers, who was awarded the Order of Merit 'Carlos Lemos Simmonds' for 2018 by the Colombian Press Association and the German Embassy in Bogotá for his contribution to the peace process in Colombia.

John Barrow (PF) gave the University of Central Lancashire's Jeremiah Horrocks Lecture on 'Our Place in the Universe' in March 2019. He was awarded the 2019 Giuseppe Occhialini Medal and Prize for contributions to physics in the last ten years, awarded jointly by the UK Institute of Physics and the Italian Physical Society. He reports that he has made some exotic journeys over the year, lecturing in February in South Korea at the PyeongChang Forum, a scientific forum on Davos lines. In May he visited the island of Principe off the coast of West Africa where Eddington went in 1919 to observe the light-bending of the sun's gravity during a complete eclipse and John attended a conference there to celebrate this centenary.

Hayden Bellenoit (VF 2014) published *The Formation of the Colonial State in India: Scribes, Paper and Taxes, 1760-1860* (Routledge 2017).

Congratulations to **Terence Birtles** (PGDip 1977) who was awarded the Medal of the Order of Australia in 2019 for community service in a range of organisations, including the National Library of Australia.

Andrew Blake (PF) was appointed Chairman of Samsung's new AI Lab in Europe which is sited in the tech quarter of Cambridge. In March he delivered 'Computer Vision', a lecture in the Darwin College 2019 lecture series on Vision.

Gerald Chan (VF 2004) published *Understanding China's New Diplomacy: Silk Roads and Bullet Trains* (Edward Elgar Publishing 2018).

Stefan Collini (EF) published *The Nostalgic Imagination: History in English Criticism* (Oxford University Press 2019).

Congratulations to **Lilia Costabile** (VF 1996) on receiving the President of the Italian Republic's Prize, awarded by the Accademia Dei Lincei in 2016, for her contributions to Monetary Analysis and the History of Economic Thought. In 2019 she became a Fellow of the Royal Historical Society.

Congratulations to **Gregory Currie** (VF 1990) who was elected Fellow of the British Academy, July 2019.

Richard Eden (Honorary Fellow) has moved to Poole in Dorset to be near family members. He enjoys his daily walks there.

Marianne Hem Eriksen (RF) published *Architecture, Society, and Ritual in Viking Age Scandinavia. Doors, Dwellings, and Domestic Space* (CUP 2019).

Shelley Fishkin (VF 1993) co-edited with Gordon H Chang *The Chinese and the Iron Road. Building the Transnational Railroad* (Stanford University Press 2019).

Graeme Garrard (VF 2012) co-authored (with James Bernard Murphy) *How to Think Politically: Sages, Scholars and Statesmen Whose Ideas Have Shaped the World* (Bloomsbury 2019).

David Gosling's (*Spalding Fellow 2013*) book *Science and the Indian Tradition: When Einstein Met Tagore*, originally published by Routledge in 2007, has been published in Arabic in 2019.

Ashis Gupta (VF 1996) continues to run his publishing company, Bayeux Arts, in Calgary, Canada with his wife, Swapna Gupta, producing books that 'build bridges across cultures'.

Wendy Harcourt (VF 2008) was appointed full Professor of Gender Diversity and Sustainable Development at Erasmus University at The Hague in 2017.

Marika Hedin (VF 2006) was appointed Chief Executive Officer of the Swedish Foundation for the Humanities and Social Sciences in July 2019.

Congratulations to **Aftab Jalia** (PhD 2018) whose architectural model for a Curve House has been accepted for the Royal Academy's 251st Summer Show. The model will be on display between 10 June and 21 August 2019.

Ingrida Kerusauskaite (MPhil 2013) published *Anti-Criticism in International Development* (Routledge 2018).

Emma Kirkby (Honorary Fellow) was awarded the REMA Early Music Award in recognition of her career as an artist and mentor to young Early Music performers. She is Co-President of the Hampstead Garden Opera.

Congratulations to **Kun Li** (RF) on winning first prize in the Department of Engineering 2018 ZEIS photography competition for his photograph of liquid crystal molecules. He also won the 2018 CAPE Acorn Blue Sky Research Award.

David Lowe (VF 2019) will be taking up a post as Visiting Chair in the Department of Pacific and American Studies at the University of Tokyo, Japan.

Rosemary Luff (EF) published *The Impact of Jesus in First-Century Palestine: textual and archaeological evidence for long-standing discontent* (CUP September 2019).

Eleanor Mackie (RF) was appointed Chair of the Biological and Biotechnological Science Research Evaluation Committee by the Australian Research Council in April 2018.

Roderick McConchie (VF 2014) published *Discovery in Haste: English Medical Dictionaries and Lexicographers 1547 to 1796* (De Gruyter 2019).

Annamaria Motrescu-Mayes (OF) published (with Heather Norris Nicholson) *British Women Amateur Filmmakers. National Memories and Global Identities* (Edinburgh University Press 2018). She published (with Susan Aasman) *Amateur Media and Participatory Cultures: Film, Video and Digital Media* (Routledge) in February 2019.

Frances Muecke (VF 1998) edited (with Maurizio Campanelli) *The Invention of Rome: Biondo Flavio's Roma Triumphans and Its Worlds*, Droz 2017.

Thomas Nevin (VF 1993) published *Nietzsche's Protestant Fathers: A Study in Protestant Christianity* (Routledge 2018).

Congratulations to **William Nordaus** (A 1974) on becoming a joint winner of the 2018 Nobel Prize in Economics.

Eric Nye (VF 2013) was elected a Fellow of the Society of Antiquaries in their 2019 summer ballot.

Kari Palonen (VF 1999) published *Parliamentary Thinking: Procedure, Rhetoric and Time* (Palgrave Macmillan 2018).

Congratulations to **Grant Passmore** (PD Assoc. 2012) co-founder of Imandra, an AI start up company which raised \$5 million to develop technology to make algorithms safe, fair and explainable.

Jeremy Peters (MBA 2019) was appointed Lecturer in Music Business at Wayne State University, Detroit in 2018.

Martin Rees (Honorary Fellow) published *On the Future. Prospects for Humanity* (Princeton University Press 2018).

Michael Ruse (A 1973) has just completed his 54th year as a college professor. He works on the relationship between science and religion and currently teaches at Florida State University.

James Simeon (VF 2018) has been appointed Head of McLaughlin College, York University, Toronto.

Congratulations to **Maria Grazia Spillantini** (PF) who was elected Officiere dell' Ordine della Stella d'Italia.

Congratulations to **Julia Spooner** (MPhil 2014) and **Michael Webster** (PhD 2017) on their marriage in June 2018. They met in their first week at Clare Hall.

Kumiko Takeuchi (MPhil 2011) published *Death and Divine Judgment in Ecclesiastes* (Eisenbrauns 2019).

Shirley Wittering (MSt 1999) is Archivist for the Thriplow Society, maintaining its historical record and giving talks.

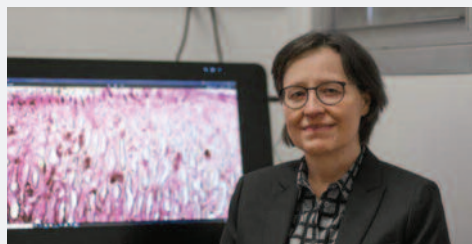
Be the first to know! Look up the Clare Hall website for up-to-date news and events



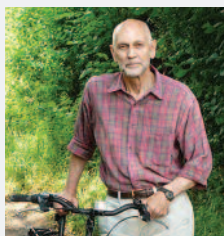
David Lowe



Jeremy Peters



Eleanor Mackie



Gregory Currie



Wendy Harcourt



Clare Hall CONNECT

Clare Hall Connect: Following on from last year's successful launch of Clare Hall Connect, we have recently upgraded the platform. It's never been easier to reconnect with fellow students and colleagues at Clare Hall and to stay in touch with events and news. Joining up only takes a few minutes! Go to www.clarehall.connect.uk

In Memoriam

We are sorry to announce the following deaths since July 2018:

Butrus Abu-Mannah (VF 2001)

Derrick B Adams (OF 1976)

Peter J Crossman (VF 1997)

John Dizikes (A 1978)

Mardi H Dungey (VF 2003)

Frederick A Hibbert (RF 1968)

Tadahiro Ikegami (VF 1985)

Yun-hua Jan (VF 1981)

Donald King (VF 1975, FF 2014, HF 2018)

James M Kister (VF 1970)

Dhriti K Lahiri-Choudhury (A 1984)

Xueqin Li (VF 1981)

Gladys V Longstaff (MPhil 1987)

Bryan Magee (VF 2004)

Dieter Mehl (VF 1971)

James Pawley (VF 1991)

Lamin Sanneh (VF 1995)

Brian P Setchell (VF 1995)

John K Stager (A 1982)

David Thouless (VF 1983, OF 1983, A 1986, HF 2016)

Bennett R Willeford (A 1985)

Forthcoming Life Member Events

2019-20

Saturday 28 September 2019

Alumni Weekend Talks
Supporter Garden Party at Clare Hall

Friday 1 November 2019

Life Member event in Switzerland

Friday 20 December 2019

Christmas Carol Service at St Mary le Bow, London

Spring 2020 (date tba)

CH in the City event, London

July 2020

Anthony Low Years Reunion (1987 – 1994)

Life Members and friends are welcome to join us for these events, bookings are made via the website – www.clarehall.cam.ac.uk

Please ensure we have your correct contact details to inform you of forthcoming events. You can update your details with us online - www.clarehall.cam.ac.uk/update-your-details or contact the Development Office on development@clarehall.cam.ac.uk / +44 (0)223 332368

