

clare

issue 37 | summer 2019

news

Women in STEM

Shining a spotlight on
six of Clare's outstanding
students, Fellows
and alumni



CLARE COLLEGE
UNIVERSITY OF CAMBRIDGE

Celebrating Seven Centuries

As we look forward to the official launch of the Campaign for Old Court later this month, work is progressing well to restore our Grade I listed buildings. However, there is a long way to go to make them fully fit for a twenty-first century education. We aim to have the entire refurbishment fully complete by our 700th anniversary in 2026.

We will keep you updated on our progress over the coming years. If you would like to support the project, please contact development@clare.cam.ac.uk.



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plus a bonus recipe!

from the editor

Dear reader,

Welcome to Issue 37 of Clare News – another year, another new look! We hope you will enjoy reading updates from our Fellows, students, alumni and staff, over what has so far been a very eventful and successful year at Clare. Work is well underway in Old Court, with scaffolding now in place

across the North Range. The new Porters' Lodge has been completed, increasing security and relocating essential life-saving facilities to make them more accessible, and we look forward to the launch of the Campaign for Old Court later this month.

The College was deeply saddened by the loss of two of our

senior Fellows this year, Dr Gordon Wright and Dr Roger Schofield, and of Nigel Gawthrop, Mayor of Cambridge and one of Clare's Porters. Full obituaries will be included in the next edition of *Clare Review*, which will be circulated towards the end of 2019.

Please don't hesitate to contact me if you have any feedback on the this issue, at editor@clare.cam.ac.uk.

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News in brief



Old Court Porters' Lodge renovation

Our brand new lodge is now complete! After several months in temporary accommodation, Clare's porters moved into the new, purpose-built lodge in April of this year. All visitors from Trinity Lane now pass through the lodge to enter Old Court, improving security and allowing visitors to be assisted more easily.

5 minutes with Mark Smith, Clare's new Dean



What's your favourite thing about Clare so far?

It's hard not to fall in love with the beauty of Old Court and the Fellows' Garden! The Chapel, too, is a wonderfully peaceful and intimate space. But it's ultimately the people that make a College come alive, and I've been bowled over by the

kindness and warmth of welcome I've received from everyone at Clare - it's a fantastically friendly place to be.

Do you have a hero/biggest influence?

As a History undergraduate I was always fascinated by the character of Thomas Cranmer. I found his combination of deep personal faith, scholarly gifts, and also his wobbles and weaknesses, made him an inspiring but also very relatable figure.

What has been a highlight of your career?

Having my first book published with OUP in January, on the history of the early church councils, was a real highlight for me on the academic front. As for my ministry as a priest, often the 'highlights' are relatively quiet or private moments - the privilege of praying or reading the

Bible with someone one-to-one; the weekly celebration of the Eucharist in Chapel on Sunday mornings; offering support and encouragement at significant times in people's lives.

Current favourite book/show?

The 2019 edition of the *Wisden Cricketers' Almanack* has just been published, so I'm currently engrossed in that. On the theology side, I'm enjoying Peter Williams' book *Can We Trust The Gospels?*

When you were little, what did you want to be when you grew up?

A snooker player. It was my favourite sport growing up, and I'd be glued to the screen whenever snooker was on the BBC. Plus, as a career, it seemed to offer about the right level of physical exertion.

5 minutes with Brennan Morgan, Clare's new Head Porter



Loretta Minghella

We were delighted to host Loretta Minghella (1981), the recipient of the 2019 Alumnus of the Year Award, at this year's Halfway Hall Dinner in February.

Loretta discussed her time at Clare and the work she has done since leaving. This included her time as Chief Executive Officer of the Financial Services Compensation Scheme (2004-2010), where she administered the repayment of £21bn+ to victims of bank and financial failures, for which she was awarded an OBE. Later, while at the charity Christian Aid, she advocated for women's rights and reversing the damages of climate change. Today, she is the First Church Estates Commissioner, overseeing the administration of the Church of England's assets.



ultra-running legend. [Ultra-running is any distance longer than a traditional marathon.]

What has been a highlight of your career?

The highlights of my previous careers have been, as a fire-fighter, being the officer in charge of the large fire at the University Arms Hotel, and, as a soldier, earning my parachute wings.

Current favourite book/show?

My favourite book is *Birdsong* by Sebastian Faulks, which is set before and during the First World War. As for a show at the moment it would have to be *Line of Duty*.

What's your favourite thing about Clare so far?

I enjoy the varied work, the beautiful setting and the nice people I work with. Sorry, that's three things!

Do you have a hero/biggest influence?

My biggest influence would be my Dad – fair, considerate and caring. My hero would be Marshall Ulrich,

When you were little, what did you want to be when you grew up?

A soldier and a fire-fighter – I was lucky enough to be both.

Tips from Clare Gardens

Head Gardener, Steve Elstub, has this advice for early summer.

In June it's not too late to sow hardy annuals. Simply sow on the surface of any bare patch in your borders, scratch over to work them in and give a gentle water. They'll be in flower in 6 to 8 weeks.

June is also a good month to prune early summer flowering shrubs such as Philadelphus, Forsythia, Lilac and Ribes. They can be pruned quite severely if they're getting too big for their space.





women in STEM

Shining a spotlight on six of Clare's exceptional women in science, technology, engineering and maths.

On the evening of February 5th 2019, Clare's student-led Gender Equality Movement hosted the first 'Women in STEM' formal in Hall. The event, attended by current students, Fellows and alumnae, was organised to celebrate and highlight the achievements of women in the fields of science, technology, engineering and mathematics (STEM).

Women have been making vital contributions to Clare's vibrant

academic community for almost fifty years. Since the admission of female undergraduates in 1972, their influence has been felt across the entire depth and breadth of disciplines offered by the College. However, at Clare, the University and in the wider world, women have typically been under-represented in STEM subjects, with barriers to participation still proving exceptionally difficult to dismantle. In 2017, women made up just 23% of those in core STEM occupations in the UK

and 24% of those working in core STEM industries.

In our College, work such as the Women in STEM formal has been ongoing to explore the gender disparity in these subjects, to shine a spotlight on women already in the field and to inspire future STEM leaders to pursue their potential. We are delighted to have seen increased levels of female participation in our access and outreach work focusing on STEM subjects, and to witness our current students engaging so thoughtfully with the issue. As we look forward to the 50th anniversary of women joining Clare in 2022, we will seek to celebrate the contribution of women within these subjects as much as possible.

We spoke to six women – students, alumnae and Fellows of Clare College – who have achieved excellence in a range of STEM fields, to find out about the challenges they have faced, their greatest achievements and how they got to be where they are.

above:

Clare alumna, Sita Shah (2008), now a chartered engineer, on site in Hong Kong

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Sita Shah

I chartered as a civil engineer in 2018 (CEng MICE) and since graduating from Clare in 2012 have been working for two well-respected main contractors, Laing O'Rourke and Mace, in the UK and Hong Kong.

What inspired you to pursue a degree/career in STEM?

At school I enjoyed my STEM GCSE and A-level subjects, but I also had a creative side so would be pencil-drawing and making things out of any reusable materials that I could get my hands on from a young age. The idea that I could apply sciences and mathematics to help to address and solve daily challenges in societies all over the world really attracted me to pursue engineering, and I had always been interested in making our planet a good place for all organisms to thrive.

What has been a highlight of your career so far?

Being transferred to Hong Kong after I'd finished the graduate programme at Laing O'Rourke was an adventure. I was working on constructing tunnels at 60m depths through granite-based rocks which would form part of the future extended underground

metro-system. This scheme would eventually reduce the journey times from the south of Hong Kong Island to its northern towns from an hour to only 15 minutes.

Do you have any female role models in the field?

During my time at Clare, my peers and friends in the department were the people I learned the most from. But after leaving university, the best female role model I came across was my Membership Development Officer for the Institution of Civil Engineers in Hong Kong, Gillian Castka. She was a fountain of knowledge, hilarious, and direct when it came to preparing for my chartership reviews. The difficult times she had as a woman in construction were stories she shared fondly, and it always made me feel a little less worried when I found myself in similar uncomfortable situations as a result of my age, gender, and heritage. She continues to inspire me.



Weronika Wrzos-Kaminska

I am a third-year undergraduate mathematics student.

What inspired you to pursue a degree in STEM and what has been your favourite part of your course so far?

I decided to study mathematics simply because I enjoyed it. Mathematical problems were, and still are, like fun intellectual puzzles to me. This is why I like my course so much: I get to be a full-time puzzle-solver.

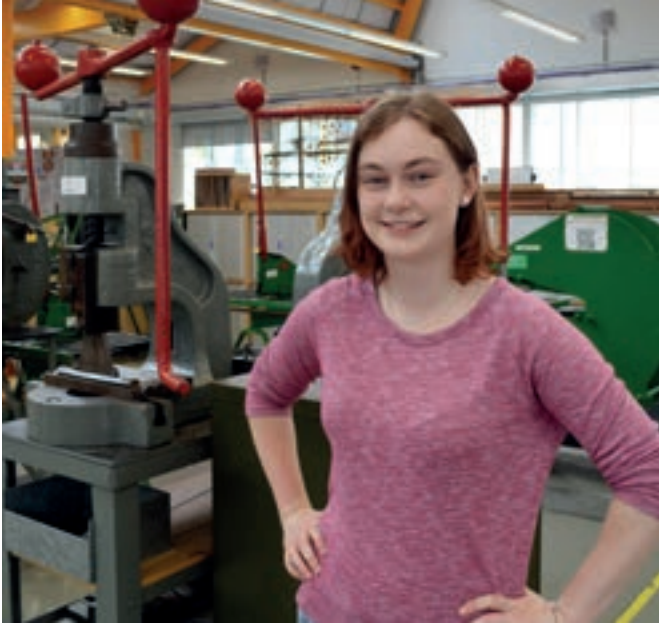
Any challenges you have faced as a woman in the field?

The biggest challenge I have faced as a woman in mathematics is confidence. I am fortunate enough to come from a family full of

women in STEM, so growing up, it didn't really occur to me that there was anything atypical about being a girl interested in mathematics. When I started at university, however, I became a lot more aware of it. The course is very male-dominated, so it can be difficult to be confident when I am surrounded by so many assertive male peers.

Any advice for future female mathematicians?

My advice to aspiring female mathematicians is to be brave. When others don't believe in you or (perhaps more commonly) when you don't believe in yourself, be brave. Trust your own abilities and just go for it.



Chloe Macaulay

I'm a 4th year student at Clare studying for my Master's in engineering, specialising in structural engineering. After graduation, I'll be working for a firm based in London, doing design work on a range of scales, from housing extensions to large new projects.

What inspired you to pursue a degree in STEM?

I went to a set of physics lectures when I was in sixth form and one of them was given by a female engineer who worked with lasers. It was the first time I really considered engineering as an option – before I didn't know how broad it was. Seeing it from the point of view of an application of physics really interested me.

What has been your favourite part of your course so far?

In the last two years I've had a few projects where I've been working in teams on structural design, from concept through to detailed plan. The projects involved designing both a new market for Cambridge town centre and a timber skyscraper in London. I love seeing the concept change from the first idea in your head, through sketches and

physical models, to something you know will work.

Any advice for future female engineers?

Engineering is such a broad area that there's space for everyone. Even if you don't think at first that it's for you, you might find there's something that sparks your interest, especially if you enjoy physics, design and technology. Don't get disheartened if you think you aren't good enough - you will be.

How do you think more women and girls can be inspired to choose STEM careers?

A lot of change can be made early on, with the way toys are marketed and with parents' attitudes to the interests girls and boys 'should' have when they're younger. Having more female celebrity scientists on TV would have a huge impact – visibility inspires women and girls that they can do it too.



Cathie Clarke

I read Nat Sci at Clare in the 1980s, and following a DPhil in Oxford and Fellowships in the US and UK, I became a lecturer in Cambridge in Theoretical Astrophysics. Shortly afterwards, in 1995, I was elected a Fellow of Clare.

What inspired you to pursue a degree/career in STEM?

I found it very natural to pursue a STEM subject since my mother had studied medicine at Cambridge.

How would you describe your experience as a female astronomer (or scientist more generally) at Clare?

Whereas at school I found the attitudes of many teachers (both male and female) to be unenlightened, it was a very pleasant surprise, as an undergraduate, to experience an educational environment that was equally encouraging to male and female students. I hope that current students still have this experience of Clare!

What has been a highlight of your career so far?

I love the variety of work that is possible when you are led by your own curiosity. I have achieved a lot of satisfaction from problems where I've been able to derive new mathematical solutions that describe a physical problem exactly. But I have also enjoyed the excitement of working with observational data, such as recently when my team discovered one of the youngest systems of protoplanets through high resolution radio imaging.

Any advice for future female scientists?

Be upbeat and be prepared, just by doing what you love to the best of your ability, to help shape the culture.



Anna Philpott

I undertook my first degree in Natural Sciences at Selwyn College and followed this with a PhD in chromatin biology, also at Cambridge. I then moved to Harvard Medical School for post-doctoral work before coming back to Cambridge in 1998 to start my own lab in the Department of Oncology. I am now a Professor of Cancer and Developmental Biology and have a laboratory in the Cambridge Stem Cell Institute. I will shortly take over as Head of School for Biological Sciences. [Anna is also one of the 2019 Pilkington Prize winners for outstanding teaching.]

What inspired you to pursue a degree in STEM?

I was just really good at science at school. It was logical, and in biology in particular I never had to sit down and learn anything; it was just so interesting it just sunk in. A bigger issue was deciding which branch of biology to pursue. That's why Natural Sciences at Cambridge was perfect because I didn't have to decide until quite late on in my degree.

What has been the highlight of your career so far?

A career in science can seem like a struggle as it involves being willing to take lots and lots of rejection (grants, scientific papers, etc.). A lot of failure but a steady increase in the rate of success led to me being promoted to Professor in 2015, which has been a highlight as it lasts a lifetime!

Do you have any female role models in the field?

Professor Christine Holt has been a constant source of support and inspiration for me. She is married to, and shared a lab with, Bill Harris, another Clare Fellow. Christine is an incredible scientist and also the nicest person you could want to know. She always gives me sensible advice and a non-judgemental shoulder to moan on.

Any advice for future female scientists?

At the end of the day I have learned that it is always okay to speak your mind; speak up and be heard. From the moment you start your PhD, you are essentially working for yourself, doing something that is both stimulating, useful, and rewarding, and you can't ask for more in a career. Just resolve to power through the tough times; and you're not going to get that next opportunity if you don't apply!



Jo Smart

I am CEO of VivoPlex Medical Ltd and Deputy Chair of the NIHR i4i Challenge Awards Panel. I studied Natural Sciences (Genetics) at Clare from 1996 before moving into industry, working in the healthcare sector in Europe and the US.

What inspired you to pursue a degree/career in STEM?

I've had a lifelong fascination with science, maths and engineering and, having been brought up to know that girls are every bit as good as boys at such things, a career in STEM was the perfect fit.

How would you describe your experience as a female biologist at Clare?

Clare was a fabulous place to study biology, fostering the confidence to aim for any path we chose with no thought of discrimination.

Any challenges you have faced as a woman in the field?

A move into investment banking gave a slightly different experience, but

the mentorship and encouragement from close colleagues far outweighed any outdated minority attitudes and strengthened my resolve that women should always be considered equal.

Any advice for future female scientists? How do you think more women and girls can be inspired to choose STEM careers?

Workplace attitudes are constantly improving but it can still feel like assumptions are made about women – particularly when balancing work and parenthood. However, challenging assumptions is at the heart of STEM and sometimes we create the biggest hurdles in our own minds. Why shouldn't you choose a career in STEM?



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Studying [psychosis] challenges us to think hard about the nature of perception and belief, and tackling the stigma surrounding it demands that we find ways to represent the experiences accessibly and empathically.”



unreality:

representing psychosis in a video game

Professor Paul Fletcher is the Bernard Wolfe Professor of Health Neuroscience in the Department of Psychiatry. He is Director of Studies for Preclinical Medicine and a Fellow of Clare College.

As a psychiatrist and researcher, I have long had an interest in the underlying causes of psychosis, which is characterised by altered perceptions and beliefs that can be radically different from other people’s experiences of reality. Psychosis can occur in the context of many different physical and mental illnesses and may also be provoked by severe psychological traumas, anxiety and various drugs. One of the most distressing things about it is the degree to which it can isolate a person from their community, provoking anger and frustration in others because it can seem so incomprehensible. Studying the condition challenges us to think hard about the nature of perception and belief, and tackling the stigma surrounding it demands that we find ways to represent the experiences accessibly and empathically.

above:

Paul in Clare's
Memorial Court

left:

*Hellblade: Senua's
Sacrifice* by Ninja Theory



For some time, I have been intrigued by the possibilities afforded by video games to place people in new situations and challenge them to participate in, and make sense of, these situations. The game player is faced with a new and often mysterious reality, frequently one in which they feel deeply immersed. They have no choice but to participate in this reality if they are to make progress. The parallels to the emergence of psychosis have often struck me and so, when I was approached in 2014 by a local video game studio – Ninja Theory – who wanted to represent psychosis within a new game entitled *Hellblade: Senua's Sacrifice*, I was intrigued. My enthusiasm increased when, meeting them, it became clear that they wanted to portray psychosis honestly and sensitively; to base it on existing clinical and scientific knowledge; and to work closely with people who themselves had experience of psychosis and who were moved to share these experiences in order to make the game.

Others may see games as trivialising experiences, unworthy of dealing with serious subjects, and video games in particular as a particularly low-brow form of entertainment. Indeed, in the past, some video game representations of mental illness have not been very respectful or sensitive. My view is that video gameplay offers a powerful medium for creating very compelling experiences, if the chemistry is right. By devising a central character – Senua, a Pictish warrior beset by

psychotic experiences following her experience of severe trauma – who was engaging, heroic and represented with enormous skill and care, the Ninja Theory team were able to avoid the usual clichés and tropes. The person with mental illness is usually the victim or a villain of the story but Senua was neither. Within the game, in which a player must take the role of Senua, facing her dangers and uncertainties, one can only empathise with her. Indeed, with the characteristic shift of perspective and perception that video games are so remarkable for, the player becomes Senua. And so, facing her visions and voices – all represented with an extraordinary degree of care and accuracy – the nature of psychosis becomes very vivid to the player.

From the outset, Ninja Theory worked closely and collaboratively with me and people from Recovery College East, a remarkable group who shared their experiences and commented on the representations of these experiences within the game, frequently making changes and improvements. The collaboration occurred throughout the three years of the project and took many forms, from informal discussions to more scientific or clinical sessions, considering how what we know about the experiences and about the neuroscience of perception in general, might be embedded deeply within the game mechanics. Sample scenes from the game were discussed collaboratively and in detail, with the



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For some time, I have been intrigued by the possibilities afforded by video games to place people in new situations and challenge them to participate in, and make sense, of these situations.”

Ninja Theory team always willing to listen, and to be informed by, real-life experiences, frequently making changes in response. In particular, the chief creative designer, Tameem Antoniades, (*suggest picture of Tameem clutching BAFTAs?*), wove multiple experiences and insights into Senua's story which emerges through voices, visions and flashbacks as the game progresses. The Ninja Theory team also took on ambitious technical challenges to ensure the veracity of the experience. Realistic representations of voices were created using binaural recordings to recreate the unsettling intrusiveness associated with auditory hallucinations.

Expectations, in commercial terms, were low. It was anticipated that, if the game broke even, it would be a major success. Those with experience of the market considered it too specialist to attract a wide audience. But, over the course of its development, there was a growing interest among the press and gaming community about what was being attempted. And when the game was released in 2017, the response was unexpected. The game was a critical and commercial success, winning five BAFTAs and numerous other awards. But, most gratifyingly, it seemed to spark a wide conversation, online and in print, about mental illness and psychosis. Within a medium that is not noted for its sensitive treatment of such topics, and across a community who do not tend to discuss such matters publically, it catalysed

discussions and reflections that were sincere and often very powerful and touching. Of all the awards and accolades, one of the proudest moments was when we – Ninja Theory, people from the Recovery College and I – received the Royal College of Psychiatrists 2018 award for communication. It is often the case that people with mental illness do not feel that they have a voice or that they are listened to by the psychiatry establishment. So to see a former patient of psychiatric services give a proud acceptance speech at the home of British psychiatry was an important marker of what video games may aspire to.

above:
from *Hellblade: Senua's Sacrifice*, which won five BAFTAs
below:
Paul at the 2018 BAFTA ceremony



Clare since Clare:

Odelia Younge (2014)

Odelia Younge earned her MPhil in Education from Clare in 2015. She is an educator and writer based in Oakland, California.

How did your time at Clare shape you?

Clare was the home away from home for an American girl who decided she wanted to go to the UK for graduate school. And going to Cambridge was a huge draw for me because of the specific route in the Education Faculty available, which did not exist in any of the American programmes that I had looked at. I think living in St Regis gave my experience some quirkiness to it as well, but it was also so nice to be near the river, to take walks along the meadows. I loved being part of the Clare Boat Club and the friendships it gave me. Clare provided me a landing space to keep coming back to, where things were familiar, and a beauty to appreciate even on the gloomiest of British days. I had many moments that felt like I too belonged at Clare, which helped me recognise the moments at Cambridge when I felt like the University wanted me not to belong so starkly.

Tell us a little about your journey since leaving Clare.

I finished my MPhil in August 2015. After that I moved to Philadelphia for three months for a Fellowship with the School District of Philadelphia. During that time I decided to go back home for a few months while looking for my next career move. I received a really wonderful offer to work on competency-based, personalized professional

learning for educators through micro-credentials with Digital Promise. I've been working on building that for the last three years and I am currently the Senior Project Director. It's a great opportunity to have an impact in the education field on a national scale.

Most recently, I've taken my love of writing, creativity, and social justice, to the levels of more organised work alongside my dear friend Vina Vo through Novalia Collective.

How would you describe Novalia Collective to someone who has never come across it before?

We build spaces and opportunities for collective storytelling and community building. Right now we are in the midst of producing the show 'this is my body,' which brought together 10 amateur women storytellers and through writing and performance workshops they have developed original, 5-minute one-woman shows on the theme of 'this is my body.'

Starting Novalia Collective feels like it's been a long time coming with everything that has made a difference in my life and how I show up for others. It's been an incredible journey to see the impact the work has on those who engage with it is a feeling of deep content knowing

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Clare provided me a landing space to keep coming back to, where things were familiar, and a beauty to appreciate even on the gloomiest of British days.”



I am doing the things that I am meant to be doing. They bring me joy and they bring others joy. That's beautiful community. Build with us!

You recently published *A Fly Girl's Guide To University*, with Lola Olufemi, Waithera Sebaitindira and Suhaiymah Manzoor-Khan. Why do you think this book is so important, and can you tell us about the themes explored therein?

Yes, and it feels so good to be able to say that and to have held real copies of it! The reception for the book has been just phenomenal! People have been saying that they've never seen a book like this and how much it means to them to see their stories reflected in another. The book is important because the ability to connect with someone else's story is powerful, and for so long the stories told of universities like Cambridge haven't truly included people like us co-authors in ways that allow us to tell our narratives ourselves. The book is about the experience of being in such institutions - institutions that are forced

to reckon with your existence because you will not be silenced. We explored themes of intersectionality, radical self-love, collective impact, speaking our truths, and more. The book is organised by themes and ends with reflections on what we have learned three years on since we wrote the book three years prior to publication.

Do you have any advice for women of colour in institutions such as Cambridge?

Flex your arms wide, dear sister. Take up room. Find one another. Organise. Document your experiences for yourself and for each other and for those yet to come. Know that you are never alone in this world.

What does the future hold for you?

More storytelling. More community building. More building spaces for those who have been shut out. I am a commitment to my communities.

above:
Odelia on Clare Bridge



***A FLY Girl's Guide to University* is published by Verve Poetry Press.**



Alexis is a former Interahamwe militia soldier, now President of the Pineapple Plantation

pineapples for peace



The Eric Lane Fellowship, one of Clare College's hidden gems, was established for those working to build peace, and was awarded this year to **Harriet Lamb**. Here, she examines the importance of peace-building in a changing world of conflict.

It's every mother's nightmare. Salwa Mustafa's 16 year old son Hamza phoned her as the gunman entered Christchurch's Al Noor Mosque. "I heard shooting and he screamed and after that I didn't hear him," she said. Hamza, her husband Khaled and 48 others were slaughtered that day by an Australian white supremacist. Their injured younger son Zaid attended their funeral in a wheelchair, raising his hands in a powerful gesture of pain. Having fled Syria's brutal war, the Mustafa family spent 6 years in Jordan's refugee camps before seeking safety in New Zealand.



The landscape of war is changing. The number of people, including women and children, who are killed annually in conflict is higher today than it has been for 25 years. More people are now displaced than ever before, with most residing within developing countries. While super-power tensions remain, conflicts have shifted from set-piece battles between nations, to fighting in what the army calls the 'grey zone', involving a multitude of non-State armed groups and myriad shifting allegiances. As examined in the research of Clare Fellow, Wendy Pullan, conflict now is more likely to take place in cities.

In the face of increasingly complex and protracted conflicts, our multilateral system is struggling. The UN Security Council failed to respond to the Syrian crisis, refugee agencies are overwhelmed, countries are walking away from the Paris climate change agreement, and political leaders are ramping up the rhetoric of narrow nationalism.

This calls for the radical re-imagining of our international commitments. We do not need a nostalgic return to the neo-liberal social democratic consensus of the twentieth century, in which governments closed their eyes to rising inequalities in wealth and power, which led to today's populist calls to 'take back control'. Instead, a new global system must be much more rooted in citizens' own actions.

If we are to break cycles of violence, we need a strong United Nations. But we also need

a movement of people taking actions to build peace, speaking out for values of compassion and reconciliation after conflict. Take, for example, the progress made by Rwandans in the 25 years since the 1994 genocide claimed over one million lives.

Alexis, a former soldier of the Interahamwe militia, says: "When I was on a killing rampage during the genocide I felt no remorse; I thought it was the right thing to do. My prayer is that in the future no one is deceived the way I was to hate Tutsis, to kill them. I did terrible things to innocent people. Why?"

After the genocide, Alexis confessed and went to prison. "When I came out of jail... those that I asked for forgiveness, forgave me." He joined an International Alert village dialogue club and is now President of the Pineapple Plantation, an award-winning community initiative that brings together survivors, ex-perpetrators and youth. Joint finance schemes fund activities such as planting pineapples which bring the community together, building reconciliation. "The pineapple plantation is one of the projects that we do as part of the club," says Alexis.

Such peacebuilding is effective both socially and economically: according to the Institute of Economics and Peace's research in Rwanda, every £1 invested in peacebuilding saves £16 in the cost of conflict.

They are also popular. In a British Council/International

Alert poll of 100,000 people across 14 countries, asking how governments should respond to conflict, the overwhelming responses were: address the root causes of conflict, and provide peace education. Military interventions scored the least votes.

Yet in practice, governments spend 250 times more on the military than on peacebuilding.

To change that, we need a new vision of international relations. We must address how globalisation can work better for the marginalised, how to prevent conflict, and how we can better support citizens' energy for change. Take for example, the Clare PhD student, Peter Martin, who is setting up an NGO to bring a legal monitoring ship to the Central Mediterranean, where rescue boats for refugees are blocked by states like Italy and Spain. This project seeks to ensure there remains a civil society presence in the world's most deadly sea. It is one of myriad activities launched by citizens seeking to fill the compassion gap left by governments, and which contain within them the seeds of the new international future that I was researching – thanks to the vision of Eric Lane and Clare College. I just wish I could buy those Rwandan pineapples for peace.

Harriet Lamb was CEO of peacebuilding charity, International Alert. She is now CEO of Ashden which seeks to tackle climate change.

above: the work of International Alert supports the civilians, and increasing numbers of children, caught up in conflict

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We must address how globalisation can work better for the marginalised, how to prevent conflict, and how we can better support citizens' energy for change.”

the clare fund

From 18th March to 2nd April 2019, a motivated team of 16 current students called our alumni all over the world as part of our annual **Spring Telephone Campaign**.

The campaign has, once again, had amazing results, thanks to our students' efforts and the generosity of our alumni. More than £200,000 was raised to enhance the Clare Fund, thanks to donations from over 300 alumni. Over half of those who were contacted during the campaign chose to make a gift.

For many of our alumni, the Telephone Campaign is the ideal opportunity to have a good chat with a current student and swap stories about their time at Clare: what they have been up to and where life has brought them since graduation – and to hear all about student life today.

It also offers the chance to learn about the projects that the Clare Fund supports, such

as the extensive renovation and renewal of Old Court, our Bursaries and Studentships schemes, Supervisions and much more.

Our student callers had a great time this year, and would like to thank everyone who took the time to talk to them and/or made a gift as part of this effort.



If you have any questions about the Telephone Campaign, or wish to make a donation to the Clare Fund, please contact **Camille Chabloz** at development@clare.cam.ac.uk or **01223 766090**.

The Samuel Blythe Society

The Samuel Blythe Society exists to acknowledge and celebrate the generosity of all those who intend to leave a gift to Clare College in their will.

We very much welcome the opportunity to thank our legacy donors for their support during their lifetimes, so when a member tells us that they have included the College in their Will, they are automatically enrolled into the Samuel Blythe Society. The society is named after the 17th-century Master of Clare whose generous bequest to the College guaranteed its continuing success and prosperity.

"I decided to give a bequest to Clare because of the quality of the education that Clare and the University offer, and because studying in such a unique, beautiful, and intellectually stimulating environment can be life changing."

– Samuel Blythe Society Member

For more information, please contact the **Development Office** on development@clare.cam.ac.uk, or **01223 333272**.

More than
£200,000
was raised to enhance
the Clare Fund, thanks
to donations from
over 300 alumni.





“

The underlying controls on why some faults stick and slip in earthquakes, whilst others ‘creep’ slowly, remains an open question and one of fundamental importance in understanding fault mechanics.”

The Denman Baynes Senior Studentship

Sam Wimpenny is the current holder of this post. Here, he discusses his research with the Department of Earth Sciences

above:

Sam's fieldwork as the Denman Baynes Student

My research is centred around understanding the behaviour and properties of active faults. Most of us know that earthquakes are generated when faults break and slip at rates of metres per second. However, there are a number of faults that slip at much slower rates, on the order of millimetres per year, that may never accumulate enough elastic strain to generate large earthquakes, and potentially pose a lesser hazard. The underlying controls on why some faults stick and slip in earthquakes, whilst others ‘creep’ slowly, remains an open question and one of fundamental importance in understanding fault mechanics. One of the major focuses I have in my time as the Denman Baynes Student is to address some aspects of this problem using tools ranging from numerical modelling to fieldwork.

I am also particularly interested in the role active faults play in the growth and evolution of mountain ranges. Over geological timescales, mountain belts are highly dynamic - some spread laterally over significant distances like honey running over a table, whilst others do not, and form narrow ranges. What controls the ability of a mountain belt to spread laterally is thought to be partly related to the frictional properties of active faults around its edges. These are also often faults that pose the most significant hazard to global population, a good example being the Main Himalayan Thrust in Nepal that ruptured in a major earthquake as recently as 2015. Therefore, another key focus of my work will be to shed new light on the material properties and strength of active faults that bound the edges of mountain belts.

Remembering Denman Baynes

The Denman Baynes Senior Studentship allows Clare to identify and support a promising Cambridge researcher in the physical sciences before the final year of their PhD. It was established by an endowment in memory of **Captain Denman Baynes, M.C.** (1904) an alumnus of Clare who was killed in action in Flanders on 14 October 1918, aged 32, and is buried in the Hooze Crater Cemetery, Ypres. He had a distinguished war record: Baynes was mentioned in despatches and awarded the Military Cross in 1917 (Supplement to the *London Gazette*, 4 June 1917, p5477). The family had a strong military background. Denman's father was **Rear-Admiral Henry Compton Baynes** (1852-1922), himself the son of **Admiral Robert Lambert Baynes** (1796-1869).

Denman Baynes is commemorated on the war memorial at St Paul's Church, Wimbledon and on Clare's own memorial which hangs in the College Chapel. The former was restored in preparation for the centenary of the Armistice, and was rededicated by The Rt Revd Dr Richard Cheetham, Bishop of Kingston, at a service on 11 November 2018. Professor Neil Greenham (Clare, 1988, Fellow, and former Denman Baynes Student) represented the College at the service, and placed a poppy in remembrance of Captain Denman Baynes.



left: the war memorial in Wimbledon on which Denman Baynes is commemorated

above: his grave in the Hooze Crater Cemetery, Ypres



above: graduate students enjoying the MCR during the daytime; meeting an owl at the Harry Potter themed event held in the bar after graduate formal

an inside look at the MCR

“

The MCR is ideally located in E staircase of Old Court, with views of both Clare and King's Colleges.”

Clare is proud to be one of the few Cambridge Colleges which provides a separate social space for graduate, as well as undergraduate, students. MCR Bar Managers, **Jonty Townson** and **Will Wood**, gave us a privileged glimpse inside to find out what it's really like.

The centre of graduate life at Clare College is the MCR. During the day it functions as a place to meet friends for tea and coffee or lunch, and in the evenings the bar is open to serve drinks and provide a space for socialising in College.

The MCR is ideally located in E staircase of Old Court, with views of both Clare and King's

Colleges. It is therefore not surprising that a lot of the graduate community choose to use the space for individual or group work, and as a base for showing friends and family around College. Every day you can find a graduate occupying one of the comfy armchairs, stressing about their latest paper or supervision preparation, and towards the end of the academic year it is a great place for Master's students to de-stress and provide each other support whilst



“

One of the great privileges of having this space is it is entirely student run.”



writing up their theses (and for PhD students all year round!).

In the evenings (Wednesday-Friday during term time) the bar is open. As Bar Managers, we are responsible for stocking the bar with a range of drinks, and can boast to have the largest single malt whisky collection in Cambridge of more than 100 different bottles. One of the great privileges of having this space is it is entirely student-run. Our bar staff is made up of graduates who volunteer their time, and, when stocking the bar, we are always happy for students to request drinks they'd like to see us serving.

We also put on a wide range of different social events throughout the year, often in collaboration with the wonderful MCR Social Secretaries, Lydia Parkinson & Ester Gurnari. Highlights include 'Bridgemas' festive celebrations at the end

of the Michaelmas term, and our fortnightly bar quizzes. However, it is not just the committee who can organise events: members of the MCR community are always welcome to use the space for their own event – anything from birthdays to watching (Cambridge win) the boat race! Thanks to the efforts of the committee and wider student community, an active social calendar is always maintained with events held in the MCR.

Fridays are often our busiest evenings, when we serve a reception before graduate formal, and often have themed evenings afterwards (Disney and Harry Potter being two recent examples). Many graduates choose to socialise in the bar after formal before heading out to see what the city has to offer.



Ester Gurnari is an MPhil Candidate in European Literatures and Cultures, and one of the MCR's Social Secretaries.

“As Social Secretaries, Lydia Parkinson and I are now busy organising next term's formal dinners and social activities. It is going to be super exciting and we look forward to enjoying a fantastic term with our Clare MCR community.”

If you are interested in finding out more about the MCR then do email mcr-barmanager@clare.cam.ac.uk or drop by for a dram of whisky (or whatever else takes your fancy). To make sure we can give you the warmest welcome possible, we recommend emailing first, particularly outside term time!



Knowing that I am able to get the bursary gives me peace of mind throughout the entire year. I never have to worry about money or not being able to participate in college or university events, it truly allows me attain the fullest Cambridge experience." **2019 bursary recipient**



thank you for your support

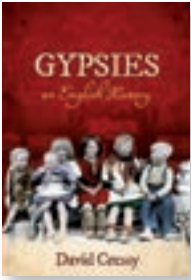
Your donations allow the College to maintain and increase its provision of student support, ensuring that all those who have the talent to win a place here are able to accept that place, complete their studies and experience everything that Clare and Cambridge has to offer.

To find out more about giving to bursaries, please contact the **Development Office** by emailing development@clare.cam.ac.uk or calling **+44 1223 333 218**

publications

Our **alumni** have been busy this year writing books. Here is a brief selection – look out for them in your local bookshop or find them online.

Gypsies: An English History
David Cressy (1964)



The first comprehensive history of Gypsies in England, from their first appearance in early Tudor times to the present. This book connects legal, moral, religious, literary, and journalistic accounts of Gypsies and those who dealt with them, over 500 years. It draws on

original archival research including details of court cases that have not been previously studied.

Healthcare Co-Production: A Personal Overview
Rebecca Hanson (1991)



Co-production has a very positive and important role to play in the future of our NHS, according to campaigner Rebecca Hanson. In order to address the enormous challenges it faces, the NHS needs to evolve so that health bosses can draw on the skills

and experiences of the communities they serve to make the best possible decisions. This short read describes precisely how this is achieved.

Enhancing Sexual Health, Self-Identity and Wellbeing among Men Who Have Sex With Men: A Guide for Practitioners
Rusi Jaspal (2003)



A thorough insight, incorporating and evaluating the latest research, into why enhancing mental health in men who have sex with men (MSM) can improve their sexual health and general wellbeing. Using tenets from Identity Process Theory the book offers

practical advice and strategies to improve interventions for MSM whose sexual health is at risk.

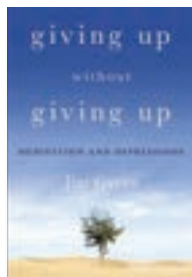
Fan Activism, Protest and Politics: Ultras in Post-Socialist Croatia,
Andrew Hodges (2002)



In what sense can organised football fans be understood as political actors or participants in social movements? How do fan struggles link to wider social and political transformations? And what methodological dilemmas arise when researching fan

activism? *Fan Activism, Protest and Politics* seeks ethnographic answers to these questions in a context – Zagreb, Croatia – shaped by the recent Yugoslav wars, nation-state building, post-socialist ‘transition’ and EU accession.

Giving Up Without Giving Up: Meditation and Depressions
Jim Green (1974)



Giving Up Without Giving Up explores the possibility that we have much to learn from the desert times in our lives, when it feels as though we are losing everything, most of all any sense of who we are. Drawing on his experience of meditation within both the Buddhist and

Christian contemplative traditions, as well as his own times of personal loss and bewilderment, Jim Green offers us a moving account of just how this wisdom practice and accompany each of us as we make ‘the gentle pilgrimage of recovery’.

A Birdwatching Guide to North East Germany and its Baltic coast
Roger White (1957)



Following the publication of a *Birdwatching Guide to Brandenburg and Berlin* in 2012, Roger White published a second book covering another large part of the old GDR. This revised and expanded edition now includes the Baltic coast of Schleswig-Holstein as well as the

State of Mecklenburg-Vorpommern. Until recently East Germany has been neglected as a birdwatching venue outside Germany, but both the bird life and the facilities for bird watching are excellent.

The Christian Middle Way: The Case against Christian Belief but for Christian Faith
Robert M. Ellis (1985)



The Middle Way is the practical principle of avoiding both positive and negative absolutes, so as to develop provisional beliefs accessible to experience. Although inspired initially by the Buddha’s Middle Way, in Middle Way Philosophy, Robert M.

Ellis has developed it as a critical universalism: a way of separating the helpful from the unhelpful elements of any tradition. In this book, the Middle Way is applied to the Christian tradition in order to argue for a meaningful and positive interpretation of it, without the absolute beliefs that many assume to be essential to Christianity.

Heroines on the Blue Peninsula
Becky Varley-Winter (2005)



Heroines: On the Blue Peninsula re-imagines real and mythical heroines in a range of narrative, dramatic and lyric poems, creating fantastically haunted dreamscapes of love, adventure and loss.

“incredibly tender and expansive ...

With influences ranging from Apollinaire to Audre Lorde, *Heroines* is a great debut from this young poet, a gentle network of strong characters.” **Alex MacDonald**

“Here’s a gifted technician at work, and you feel the scope of her gift most sharply when she pulls into abrupt focus on intricate forms (shell, moth, burr), or in a gorgeous turn ...” **Abigail Parry**

Would you like to see your publication highlighted in the next edition of *Clare News*? Let us know at editor@clare.cam.ac.uk



Clare's Catering scoops top prizes in Cambridge and national competitions

Our **Catering Team** once again showed their skills at this year's intercollegiate **Cambridge Culinary Competition**, bringing home a Merit, two Bronze, five Silver, three Gold and two Best in Class awards across a wide range of categories.

They also won the prestigious Steward's Cup for a fifth consecutive time, for achieving the highest score in the competition in the Cook and Serve class.

In March, they went on to scoop a Bronze medal representing the University of Cambridge at the University Caterers Organisation's annual competition.

Congratulations to Marie Bouvier, Ashley Sargent, Slavik Gerasimcuks and the rest of the team for these fantastic achievements.

[Read on to find out how you can recreate their award-winning cuisine at home...](#)

Fungi Risotto

serves 4

50 g dried mushrooms, preferably porcinis
 1 tbsp olive oil
 1 shallot, finely diced
 1 clove garlic
 250 g risotto rice
 50 ml white wine
 1 l stock, preferably mushroom but veg will do
 1 punnet Shimeji mushrooms
 100 g Parmesan, freshly grated
 100 g cold butter, diced
 1 lemon
 watercress to garnish (optional)

Pickling liquor

100 ml white wine vinegar
 100 ml water
 100 g sugar

Place the dried mushrooms in a small pan of hot water and leave then to hydrate for 20-30 minutes. Strain the liquid off and add this to mushroom stock.

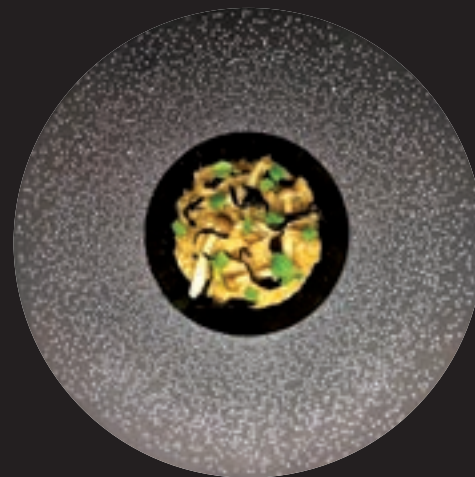
Heat up a saucepan and add the olive oil. Start gently cooking the shallot and garlic, making sure they don't start to colour.

Add the risotto rice to the saucepan and cook for 2-3 minutes – this will coat the rice in oil and prevent it from sticking to the pan.

Add the white wine and cook until it has reduced to almost nothing, then start feeding the rice with the stock, a ladle at a time. Wait for the rice to soak up all of the stock before adding another ladle.

While this is cooking, place the vinegar, sugar and water in a pan and bring to the boil to create the pickling liquor. Remove from the heat and submerge your Shimeji mushrooms in the liquor. Leave them to steep for at least 20 minutes.

Once the rice is cooked to your liking (some like it al dente, some like it soft) remove from



the stove and add the parmesan, butter, hydrated mushrooms and a squeeze of lemon juice, and gently stir to make a thick, creamy sauce.

Place in a bowl and garnish with the pickled mushrooms. Add some fresh watercress on top if you want to add a peppery hit to your finished dish and serve.

Introducing the Esther Momcilovic

A sizeable group of alumni and resident Boat Club members gathered on the 28th April to name the “**Esther Momcilovic**”, the new women’s boat generously funded by **Jeremy Hazzledine (1972)**.

Esther (2007) contributed greatly to the success of the Boat Club during her eight student years in Clare. She coxed the first men’s boat for one year and the women’s boat for four, one year to Head of the River in the May Bumps. She worked on the club committee for five years and was Captain in 2011-12. She further raised Clare’s status by coxing the University Women’s lightweight crew once and the Women’s Blue Boat twice, and by serving as CUWBC President in 2013-14.

After the naming and launching ceremony, Esther showed with a firm-pressure row-past that her coxing skills remain as good as ever.



To celebrate reaching a fantastic milestone on our Instagram, we invited our 5,000 followers to share their favourite photos of our College to win some Clare goodies. **Congratulations to our winners!**



Left: Helena Cooke - Choir Lay Clerk 2015-16 **top:** Ran Huo - a 4th year PhD Spanish student **above:** Joe Payne - a 3rd year Anglo-Saxon, Norse and Celtic student

**If you're not already, why not give us a follow?
@clarecollege**

Forthcoming Events

25 June 2019	Alumni Association Drinks Party for Graduands (before Lady Clare Dinner)
26 June 2019	Graduation
29 June 2019	Gala Day
29 June 2019	Mellon Dinner (90th Anniversary Paul Mellon's arrival at Clare)
13 September 2019	1959 60th Reunion Dinner

20 September 2019	2006 & 2007 Reunion Dinner
21 September 2019	Alumni Council Meeting & Dinner
21 September 2019	1968 Reunion Dinner
28 October 2019	Clare Distinguished Lecture in Economics and Public Policy & Dinner (Joel Mokyr)
12 December 2019	Varsity Rugby
21 December 2019	St John's Smith Square Choir Concert & Drinks Reception



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you back



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